

7 REFERENCES

Executive Summary

No references used in this chapter.

Chapter 1 Introduction

SANDAG. See San Diego Association of Governments.

San Diego Association of Governments. 2023. *Amendment to the 2021 Regional Plan*. Available: <https://www.sandag.org/regional-plan/2021-regional-plan/final-2021-regional-plan>. Accessed July 29, 2025.

Chapter 2 Project Description

California Transportation Commission. 2024. *2024 Regional Transportation Plan Guidelines*. Available: <https://catc.ca.gov/-/media/ctc-media/documents/programs/transportation-planning/2024-rtp-guidelines/2024-rtp-guidelines-for-rtpas-final.pdf>. Accessed August 2024.

CTC. See California Transportation Commission.

SANDAG. See San Diego Association of Governments.

San Diego Association of Governments. 2023. *San Diego Forward: The 2021 Regional Plan*. Final plan and amendment documents. Available: <https://www.sandag.org/regional-plan/2021-regional-plan/final-2021-regional-plan>. Accessed August 4, 2025.

———. 2025a (May). *Draft 2025 Regional Plan*. Available: <https://www.sandag.org/~/-/media/C26FA38C209D483DAC75C9D1E57A2AD1.ashx>. Accessed August 4, 2025.

———. 2025b. "Appendix F: Regional Growth Forecast with Sustainable Communities Land Use Pattern." *Draft 2025 Regional Plan*. Available: <https://www.sandag.org/~/-/media/10C998A6E17E42B3B6EEE218B1528CDA.ashx>. Accessed August 5, 2025.

———. 2025c. "Appendix B: Sustainable Communities Strategy Documentation and Related Information." *Draft 2025 Regional Plan*. Available: <https://www.sandag.org/~/-/media/22977C036B624D999E62E2467A88F1C2.ashx>. Accessed August 5, 2025.

———. 2025d. "Appendix M: Travel Demand Modeling Tools." *Draft 2025 Regional Plan*. Available: <https://www.sandag.org/~/-/media/A571E24905644B328708328395E734E6.ashx>. Accessed August 5, 2025.

———. 2025e. "Appendix A: Transportation, Projects, Programs, Policies, and Phasing." *Draft 2025 Regional Plan*. Available: <https://www.sandag.org/~/-/media/E90F578ED11B47708563760A7AC85689.ashx>. Accessed August 5, 2025.

Chapter 3 Environmental Setting

CEP and SDF. See Climate Education Partners and San Diego Foundation.

Climate Education Partners and San Diego Foundation. 2015. *San Diego, 2050 Is Calling, How Will We Answer? Facing the Future: How Science Can Help Prepare San Diego Regional Leaders for Climate Change*. San Diego, CA.

Jennings, M. K., D. Cayan, J. Kalansky, A. D. Pairis, D. M. Lawson, A. D. Syphard, U. Abeysekera, R. E. S. Clemesha, A. Gershunov, K. Guirguis, J. M. Randall, E. D. Stein, and S. Vanderplank. 2018. *Summary Report, San Diego County Ecosystems: Ecological Impacts of Climate Change on a Biodiversity Hotspot*. Climate Science Alliance. San Diego, CA.

Kalansky, J., D. Cayan, K. Barba, L. Walsh, K. Brouwer, and D. Boudreau. 2018. California's Fourth Climate Change Assessment: San Diego Region Report. Available: <http://www.climateassessment.ca.gov/regions/docs/20180827-SanDiego.pdf>. Accessed July 29, 2025.

Ocean Protection Council. 2024. *State of California Sea-Level Rise Guidance*. Available: <https://opc.ca.gov/wp-content/uploads/2024/05/California-Sea-Level-Rise-Guidance-2024-508.pdf>. Accessed July 29, 2025.

OPC. See Ocean Protection Council.

San Diego Association of Governments 2025. "Appendix K: Active Transportation." Draft 2025 Regional Plan. Available: <https://www.sandag.org/regional-plan/-/media/38F922B8B963462199102BB1CF343429.ashx>. Accessed July 29, 2025.

Chapter 4 Environmental Impact Analysis Approach

BLM. See Bureau of Land Management.

Bureau of Land Management. 2007 (November). *Proposed Eastern San Diego County Resource Management Plan and Final Environmental Impact Statement*.

California Air Resources Board. 2022. *California's 2022 Scoping Plan for Achieving Carbon Neutrality*. Available: <https://ww2.arb.ca.gov/sites/default/files/2023-04/2022-sp.pdf>. Accessed January 16, 2025.

California Department of Finance. 2024. County Population Projections 2020-2070. Available: <https://dof.ca.gov/forecasting/demographics/projections/>. Accessed March 5, 2025.

California Department of Transportation. 2021 (February). *California-Baja California Border Master Plan*. Available: https://sandagbmpazurestorage.blob.core.windows.net/bmp-docs/2021-BMP_Final_Report_03152021.pdf. Accessed January 16, 2025.

California High Speed Rail Authority. 2024 (March). *High-Speed Rail: Southern California at a Glance*. Available: <https://hsr.ca.gov/wp-content/uploads/2024/03/Southern-California-Factsheet-030624-A11Y.pdf>. Accessed January 16, 2025.

CARB. See California Air Resources Board.

Caltrans. See California Department of Transportation.

City of San Diego. n.d.-a. San Diego Sports Arena Redevelopment. Available: <https://www.sandiego.gov/economic-development/real-estate/midway-rising>. Accessed April 25, 2025.

———. n.d.-b. North City Pure Water Facility and Pump Station. Available: <https://www.sandiego.gov/public-utilities/sustainability/pure-water-sd/phase-1-projects/university-city-eastgate-mall/north-city-pure-water-facility-and-pump-station>. Accessed April 24, 2025.

County of San Diego. 2024 (September). *Final 2024 Climate Action Plan*. Available: <https://www.sandiegocounty.gov/content/dam/sdc/sustainability/docs/final2024cap/Final2024CAP.pdf>. Accessed February 5, 2025.

City of Tijuana Metropolitan Planning Institute. 2013. *2034 Tijuana, Tecate, and Playas de Rosarito Metropolitan Strategic Plan*. Available: https://implanplayasderosarito.gob.mx/wp-content/uploads/2021/06/PEM_Documento_V4_Feb_2012.pdf. Accessed February 5, 2025.

DOF. See California Department of Finance.

EPA. See U.S. Environmental Protection Agency.

HSRA. See California High Speed Rail Authority.

IMPLAN. See City of Tijuana Metropolitan Planning Institute.

- Institute of the Americas. n.d. *Baja California Energy Outlook 2020–2025*. Available: https://iamericas.org/wp-content/uploads/2022/02/Baja_Energy_Outlook_2020_2025.pdf. Accessed August 13, 2025.
- Navy. See U.S. Department of the Navy.
- Port. See San Diego Unified Port District.
- SANDAG. See San Diego Association of Governments.
- San Diego Association of Governments. 2021a. *San Diego Forward: The 2021 Regional Plan*. Available: <https://www.sandag.org/regional-plan/2021-regional-plan/final-2021-regional-plan>. Accessed July 29, 2025.
- . 2021b. *Final Environmental Impact Report: San Diego Forward: The 2021 Regional Plan*. State Clearinghouse No.: 2010041061. Available: <https://www.sandag.org/regional-plan/2021-regional-plan/environmental-impact-report>. Accessed July 29, 2025.
- . 2024. Series 15 Regional Growth Forecast. Available: https://opendata.sandag.org/Forecast/Series-15-Forecasts-Population-by-Subregional-Area/wpt4-futw/about_data. Accessed March 5, 2025.
- San Diego County Regional Airport Authority. 2008. *Airport Master Plan*. Available: <https://www.san.org/Airport-Projects/2008-Airport-Master-Plan#3134211-adopted-master-plan>. Accessed January 16, 2025.
- . 2011. *Regional Aviation Strategic Plan*. Available: https://www.san.org/DesktopModules/Bring2mind/DMX/API/Entries/Download?EntryId=14180&Command=Core_Download&language=en-US&PortalId=0&TabId=185. Accessed January 16, 2025.
- . 2019. *SDIA Aviation Activity Forecasts Final Technical Memorandum*. April. Available: https://www.san.org/Portals/0/Documents/Airport%20Development%20Plan/Forecast%20Reports/2019_SAN_MP_Forecast.pdf. Accessed February 5, 2025.
- . 2021. *Regional Aviation Strategic Plan Implementation Report*. Available: https://www.san.org/DesktopModules/Bring2mind/DMX/API/Entries/Download?EntryId=14267&Command=Core_Download&language=en-US&PortalId=0&TabId=185. Accessed January 16, 2025.
- . 2025. *New T1 Fact Sheet*. Available: <https://newt1.com/wp-content/uploads/2024/09/New-T1-Fact-Sheet-English-Sep-2024.pdf>. Accessed January 16, 2025.
- San Diego County Water Authority. 2024. *2024 Regional Water Facilities Optimization and Master Plan Update*. Available: <https://www.sdcwa.org/sites/default/files/2017-05/master-plan-fs.pdf>. Accessed February 5, 2025.
- San Diego Gas & Electric. 2012. *San Diego Gas & Electric Company 2012 Long-Term Procurement Plan*. Available: https://www.sdge.com/sites/default/files/LTPP_Complete_Master_1.pdf. Accessed February 5, 2025.
- San Diego Unified Port District. 2016. *Tenth Avenue Marine Terminal Redevelopment Environmental Impact Report (TAMT EIR)*. Available: <https://www.portofsandiego.org/projects/tenth-avenue-marine-terminal-redevelopment>. Accessed March 6, 2025.
- . 2024a (February). *Port Master Plan Update*. Available: https://pantheonstorage.blob.core.windows.net/waterfront-development/Final-Draft-PMPU-Approved-by-BPC-2_28_2024.pdf. Accessed March 6, 2024.
- . 2024b. *Port Master Plan Update Final Environmental Impact Report. Volume 2*. Available: pantheonstorage.blob.core.windows.net/waterfront-development/Final-Environmental-Impact-Report-EIR-for-Final-Draft-Port-Master-Plan-Update-February-2024-Volume-2-of-4-Part-2-of-3.pdf. Accessed November 13, 2024.
- . 2024c (July). *Port Master Plan*. Available: <https://pantheonstorage.blob.core.windows.net/waterfront-development/Port-Master-Plan.pdf>. Accessed March 6, 2025.

SCAG. See Southern California Association of Governments.

SDCRAA. See San Diego County Regional Airport Authority.

SDG&E. See San Diego Gas & Electric.

Southern California Association of Governments. 2024. *Connect SoCal (2024–2045 Regional Transportation Plan/Sustainable Communities Strategy)*. Available: <https://scag.ca.gov/sites/main/files/file-attachments/23-2987-connect-socal-2024-final-complete-040424.pdf?1714175547>. Accessed January 16, 2025.

U.S. Department of the Navy. 2021 (May). *Navy Old Town Campus Revitalization Draft Environmental Impact Report*. Available: <https://navwar-revitalization.com/assets/uploads/27%20-%20Purpose%20and%20Need%20Fact%20Sheet.pdf>. Accessed January 16, 2025.

U.S. Environmental Protection Agency. 2021 (May). *Border 2025: United States – Mexico Environmental Program*. Available: https://www.epa.gov/sites/default/files/2021-05/documents/final_us_mx_border_2025_final_may_6.pdf. Accessed February 5, 2025.

U.S. Forest Service. 2006. *Cleveland National Forest Plan*. Available: https://www.fs.usda.gov/detail/cleveland/landmanagement/planning/?cid=fsbdev7_016561. Accessed February 5, 2025.

USFS. See U.S. Forest Service.

U.S. Marine Corps. 2018 (June). *MCAS Miramar Integrated Natural Resources Management Plan*. Available: <https://www.miramar-ems.marines.mil/Divisions/Conservation/Natural-Resources/>. Accessed February 5, 2025.

———. 2024 (May). *Final MCB Camp Pendleton Integrated Natural Resources Management Plan*. Available: https://www.pendleton.marines.mil/Portals/98/2024%20CamPen%20INRMP%20FINAL%20May%202024%20Public_1.pdf. Accessed February 5, 2025.

Section 4.1 Aesthetics

California Department of Transportation. 2008. *Scenic Highway Guidelines*.

———. 2019. *California Scenic Highways Map*. Available: <https://caltrans.maps.arcgis.com/apps/webappviewer/index.html?id=465dfd3d807c46cc8e8057116f1aaca>. Accessed January 13, 2025.

California Department of Transportation and Secretariat of Infrastructure, Urban Development, and Territorial Reorganization. 2021 (February). *California-Baja California Border Master Plan*. Available: https://sandagbmapazurestorage.blob.core.windows.net/bmp-docs/2021-BMP_Final_Report_03152021.pdf. Accessed May 16, 2025.

California High Speed Rail Authority. 2005. *Program Environmental Impact Report/Environmental Impact Statement for the Proposed California High-Speed Train System*. Available: <https://hsr.ca.gov/programs/environmental-planning/program-eir-eis-documents-for-the-statewide-high-speed-rail-system-tier-1/final-program-environmental-impact-report-environmental-impact-statement-eir-eis-for-the-proposed-california-high-speed-train-system-2005/>. Accessed May 16, 2025.

Caltrans. See California Department of Transportation.

Caltrans and SIDURT. See California Department of Transportation and Secretariat of Infrastructure, Urban Development, and Territorial Reorganization.

City of Carlsbad. 2019. *General Plan: Land Use and Community Design Element*. Available: <https://www.carlsbadca.gov/home/showpublisheddocument/236/637425974089530000>. Accessed January 13, 2025.

-
- . n.d. Village & Barrio Design Review Committee. Available: <https://www.carlsbadca.gov/city-hall/meetings-agendas/boards-commissions/village-barrio-design-review-committee>. Accessed May 14, 2025.
- City of Chula Vista. 2005. *General Plan: Land Use and Transportation Element*. Available: <https://www.chulavistaca.gov/home/showpublisheddocument/9325/636192049254870000>. Accessed January 13, 2025.
- . n.d. Development Services Department – About Us. Available: <https://www.chulavistaca.gov/departments/development-services/about-us>. Accessed May 14, 2025.
- City of Coronado. 1999 (October 5). *City of Coronado General Plan, Scenic Highway Element*. Available: <https://www.coronado.ca.us/DocumentCenter/View/1057/General-Plan-PDF?bidId=>. Accessed January 13, 2025.
- . 2005. *Local Coastal Program Plan*. Available: <https://www.coronado.ca.us/DocumentCenter/View/1060/Local-Coastal-Program-Land-Use-Plan-PDF?bidId=>. Accessed January 13, 2025.
- . 2023. Design Review Commission Overview. Available: <https://www.coronado.ca.us/DocumentCenter/View/1015/Design-Review-Commission-Overview-PDF>. Accessed May 14, 2025.
- City of Del Mar. 1993. *Local Coastal Program – Land Use Plan*. Available: <https://www.delmar.ca.us/DocumentCenter/View/261/Land-Use-Plan-5919?bidId=>. Accessed January 13, 2025.
- . 1999. *City of Del Mar Community Plan*. Available: <https://www.delmar.ca.us/DocumentCenter/View/622/Community-Plan-1976?bidId=>. Accessed January 13, 2025.
- . 2001. *Local Coastal Program, Implementing Ordinances*. Available: <https://www.delmar.ca.us/DocumentCenter/View/262/Local-Coastal-Plan-Implementing?bidId=>. Accessed January 13, 2025.
- . n.d. Design Review Board. Available: <https://www.delmar.ca.us/141/Design-Review-Board>. Accessed May 14, 2025.
- City of El Cajon. 2001. *General Plan*. Available: <https://www.cityofelcajon.us/home/showdocument?id=140>. Accessed January 13, 2025.
- . n.d. Community Development Department. Available: <https://www.elcajon.gov/your-government/departments/community-development>. Accessed May 14, 2025.
- City of Encinitas. 2011. *City of Encinitas General Plan, Resource Management Element*. Available: <https://portal.laserfiche.com/Portal/PDF10/049148dc-625c-455f-b58c-7b0380112758/835470>. Accessed January 13, 2025.
- . n.d. Development Services Department – Planning Division. Available: <https://www.encinitasca.gov/government/departments/development-services/planning>. Accessed May 14, 2025.
- City of Escondido. 2012 (May). *City of Escondido General Plan, Resource Conservation Element*. Available: <https://www.escondido.gov/DocumentCenter/View/2503/Chapter-VII---Resource-Conservation-PDF>. Accessed January 13, 2025.
- . n.d. Planning Commission. Available: <https://www.escondido.gov/850/Planning-Commission>. Accessed May 14, 2025.

- City of Imperial Beach. 2018. *Imperial Beach General Plan/Local Coastal Plan and Commercial Zoning Amendment Project*. Available: <https://www.imperialbeachca.gov/DocumentCenter/View/355/2018-General-Plan-and-Local-Coastal-Plan-PDF?bidId=>. Accessed January 13, 2025.
- . n.d. Design Review Board. Available: <https://www.imperialbeachca.gov/393/Design-Review-Board#:~:text=The%20Design%20Review%20Board%20is,Zoning%20Standards%2C%20and%20Design%20Review>. Accessed May 14, 2025.
- City of La Mesa. 2012. *City of La Mesa General Plan*. Available: <https://www.cityoflamesa.us/DocumentCenter/View/6197/03LaMesaGPLandUseUrbanDesign-CD?bidId=>. Accessed January 13, 2025.
- . n.d. Design Review Board. Available: <https://www.cityoflamesa.us/254/Design-Review-Board>. Accessed May 14, 2025.
- City of Lemon Grove. 2025. *Building Division*. Available: <https://www.lemongrove.ca.gov/our-government/community-development-department/building-division/>. Accessed May 14, 2025.
- City of National City. 2024. *General Plan: Housing Element Update*. Available: <https://www.nationalcityca.gov/home/showpublisheddocument/33957/638700401826330000>. Accessed January 13, 2025.
- . n.d. Planning. Available: <https://www.nationalcityca.gov/government/community-development/planning>. Accessed May 14, 2025.
- City of Oceanside. 2002. *General Plan: Environmental Resource Management Element*. Available: <https://www.ci.oceanside.ca.us/home/showpublisheddocument/3862/637952805772100000>. Accessed January 13, 2025.
- . n.d. Plan Review Process. Available: <https://www.ci.oceanside.ca.us/government/development-services/engineering/land-development/plan-review-process>. Accessed May 14, 2025.
- City of Poway. 1991 (November). *Poway Comprehensive Plan: General Plan, Natural Resources Element*. Available: <https://docs.poway.org/WebLink/DocView.aspx?id=49302&dbid=1&repo=CityofPoway>. Accessed January 13, 2025.
- . n.d. Development Services. Available: <https://poway.org/167/Development-Services>. Accessed May 14, 2025.
- City of San Diego. 2024. *Final Program Environmental Impact Report: Blueprint San Diego Initiative – Hillcrest Focused Plan Amendment and University Community Plan Update*. Available: https://www.sandiego.gov/sites/default/files/2024-07/final_peir_blueprint-sd-initiative_hillcrest-fpa_university-cpu_0.pdf. Accessed January 13, 2025.
- . n.d. What Parties Are Involved in the Development Review Process? Available: <https://www.sandiego.gov/planning/about/overview/drprocess#:~:text=City%20Staff,-There%20are%20two&text=MDT%20members%20are%20staff%20responsible,provide%20alternatives%20for%20the%20consideration>. Accessed May 15, 2025.
- City of San Marcos. 2012 (February 14). *City of San Marcos General Plan: Related Regulations, Plans, and Programs. Conservation and Open Space Element*. Available: <https://www.san-marcos.net/home/showdocument?id=8478>. Accessed January 13, 2025.
- . n.d. Welcome to the Planning Division. Available: <https://www.san-marcos.net/departments/development-services/planning>. Accessed May 15, 2025.
- City of Santee. 2003 (August). *Santee 2020 General Plan, Conservation Element*. Available: <https://www.cityofsantee.ca.gov/documents/planning-building/general-plan/gp-conservation-element.pdf>. Accessed January 13, 2025.

- . n.d. Planning and Building Department. Available: <https://www.cityofsanteeca.gov/departments/planning-building>. Accessed January 13, 2025.
- City of Solana Beach. 2013. *Solana Beach General Plan, Conservation and Open Space Element*. February. Available: <https://www.codepublishing.com/CA/SolanaBeach/#!/SolanaBeachGP/SolanaBeachGP03.html>. Accessed January 13, 2025.
- . n.d. Planning. Available: <https://www.cityofsolanabeach.org/en/government/departments/community-development/planning>. Accessed May 15, 2025.
- City of Vista. 2012. *General Plan 2030: Resource Conservation and Sustainability Element*. Available: https://records.vista.gov/WebLink/PDF/ehr0tux3ifvrcnaujex5vdx3/11/cc%202030%20GENERAL%20PLAN%20resource%20conservation%20_%20sustainability%20element.pdf. Accessed January 13, 2025.
- . n.d. Community Development. Available: <https://www.vista.gov/departments/community-development>. Accessed May 15, 2025.
- County of San Diego. 2011. *General Plan: Conservation and Open Space Element*. Available: <https://www.sandiegocounty.gov/content/dam/sdc/pds/gpupdate/docs/GP/ConservationandOpenSpace.pdf>. Accessed January 13, 2025.
- . 2013. *Summary of the "B" Designator Community Design Review Area Regulations*. Available: <https://www.sandiegocounty.gov/pds/zoning/formfields/PDS-225.pdf>. Accessed May 15, 2025.
- Groundwork San Diego. 2022. *Chollas Creek Watershed Regional Park Master Plan*. Available: <https://groundworksandiego.org/chollas-creek-watershed-regional-park-master-plan>. Accessed January 13, 2025.
- HSRA. See California High Speed Rail Authority.
- National Park Service. 2023. *National Trails System FAQs*. Available: <https://www.nps.gov/subjects/nationaltrailssystem/faqs.htm#:~:text=As%20a%20result%2C%2011%20national,have%20been%20recognized%20by%20the>. Accessed January 31, 2025.
- NPS. See National Park Service.
- Pacific Crest Trail Association. n.d. Pacific Crest Trail Maps. Available: <https://www.pcta.org/discover-the-trail/maps/>. Accessed May 14, 2025.
- PCTA. See Pacific Crest Trail Association.
- San Diego County Regional Airport Authority. 2019 (September). *Airport Development Plan Recirculated Draft Environmental Impact Report*. Available: <https://www.san.org/Airport-Projects/Environmental-Affairs#1245263-adp-draft-eir>. Accessed May 16, 2025.
- San Diego Foundation. 2020. *Parks for Everyone*. Available: <https://www.sdfoundation.org/wp-content/uploads/2022/05/Parks-for-Everyone-2020.pdf>. Accessed January 17, 2025.
- SCAG. See Southern California Association of Governments.
- SDCRAA. See San Diego County Regional Airport Authority.
- Southern California Association of Governments. 2020. *Program Environmental Impact Report for the Connect SoCal (2020–2045 Regional Transportation Plan/Sustainable Communities Strategy)*. Available: <https://scag.ca.gov/peir>. Accessed May 16, 2025.

Section 4.2 Agricultural and Forestry Resources

- Aldo Leopold Wilderness Research Institute, Arthur Carhart National Wilderness Training Center, and University of Montana. 2018. *San Mateo Canyon Wilderness*. Available: <https://www.wilderness.net/NWPS/wildView?WID=524>. Accessed July 2025.

- Ascent. 2025. Agricultural and Land Use Data. June 18, 2025.
- Beckler, M. F., and P. Brueggeman. 2014. *Palomar Mountain Past and Present*, 3rd edition. San Diego, CA. Available: <http://www.peterbrueggeman.com/palomarhistory/beckler.pdf>. Accessed January 3, 2025.
- Brueggeman, P. 2024. *Palomar Mountain Logging and Lumbering*. <https://peterbrueggeman.com/palomarhistory/sawmill.pdf>. Accessed January 2025.
- CAL FIRE. See California Department of Forestry and Fire Protection.
- California Department of Conservation. 2025a. *Land Conservation Act (Williamson Act) Questions and Answers*. Available: https://www.conservation.ca.gov/dlrp/wa/Pages/LCA_QandA.aspx. Accessed January 13, 2025.
- . 2025b. *Farmland Mapping and Monitoring Program*. Available: <http://www.conservation.ca.gov/dlrp/fmmp>. Accessed January 14, 2025.
- . 2025c. *Williamson Act/Land Conservation Act*. Available: <http://www.conservation.ca.gov/dlrp/lca>. Accessed January 14, 2025.
- . 2025d. *Farmland Conversion Report 2016-2018*. Available: https://www.conservation.ca.gov/dlrp/fmmp/Documents/fmmp/pubs/2016-2018/FCR/FCR_1618_Report.pdf. Accessed February 4, 2025.
- . 2023. *Williamson Act Enrollment for the State of California*. Available: <https://gis.conservation.ca.gov/portal/home/item.html?id=c608c0e32810424f8f4f9d39570cc45b>. Accessed April 4, 2025.
- California Department of Forestry and Fire Protection. 2025a. *California Department of Forestry and Fire Protection's Fire and Resource Assessment Program*. Available: <http://frap.fire.ca.gov/>. Accessed January 14, 2025.
- . 2025b. *Forest Legacy Grants*. Available: <https://www.fire.ca.gov/what-we-do/grants/forest-legacy>. Accessed January 14, 2025.
- California High Speed Rail Authority. 2005. *Program Environmental Impact Report/Environmental Impact Statement for the Proposed California High-Speed Train System*. August.
- California State Parks. 2025a. *Palomar Mountain State Park*. Available: https://www.parks.ca.gov/?page_id=637. Accessed January 3, 2025.
- . 2025b. *Cuyamaca Rancho State Park*. Available: https://www.parks.ca.gov/?page_id=667. Accessed January 3, 2025.
- California Strategic Growth Council, California Climate Investments, and California Housing and Community Development. 2025 (February 26). *Affordable Housing and Sustainable Communities Program: Round 9 Program Guidelines*. Available: https://sgc.ca.gov/grant-programs/ahsc/docs/20250303-5_Guidelines_Adopted.pdf. Accessed June 23, 2025.
- County of San Diego. 2013. *County of San Diego Strategic Energy Plan 2013-2015*. Available: https://www.sandiegocounty.gov/content/dam/sdc/common_components/images/dgs/Documents/Energy_StrategicEnergyPlan.pdf. Accessed February 4, 2025.
- . 2023a. *2023 Crop Statistics & Annual Report*. Available: <https://awmsdcroreport.com/PDF/AWM-2023-Crop-Statistics-and-Annual-Report.pdf>. Accessed June 18, 2025.
- . 2023b. *Alphabetical List of Individual Land Uses*. Available: <https://www.sandiegocounty.gov/content/dam/sdc/pds/zoning/ALPHABETICAL%20LIST%20OF%20INDIVIDUAL%20LAND%20USES.pdf>. Accessed January 3, 2025.
- . 2025. *County of San Diego Mitigation Banks*. Available: <https://www.sandiegocounty.gov/content/sdc/pds/mitbnks.html>. Accessed July 15, 2025.

- . n.d. Agriculture Weights and Measures. Available: <https://www.sandiegocounty.gov/content/sdc/awm.html>. Accessed March 2025.
- CSP. See California State Parks.
- DOC. See California Department of Conservation.
- IID. See Imperial Irrigation District.
- Imperial Irrigation District. 2023. Annual Inventory of Areas Receiving Water. Available: <https://www.iid.com/home/showpublisheddocument/21937/638415987377170000>. Accessed February 4, 2025.
- HSRA. See California High Speed Rail Authority.
- Martin, A. 1990. *Aguatibia Ecosystem Report*. Available: <https://research.fs.usda.gov/sites/default/files/2024-02/psw-aguatibia-er.pdf>. Accessed January 3, 2025.
- National Agriculture Statistics Service. 2022. San Diego County 2022 Census of Agriculture. Available: https://www.nass.usda.gov/Publications/AgCensus/2022/Online_Resources/County_Profiles/California/cp06073.pdf. Accessed January 27, 2025.
- SACOG. See Sacramento Area Council of Government
- Sacramento Area Council of Government. 2025. 2025 Blueprint Draft Environmental Impact Report. Available: <https://www.sacog.org/home/showpublisheddocument/3065/638850807642200000>. Accessed July 16, 2025.
- SANDAG. See San Diego Association of Governments
- San Diego Association of Governments. n.d. Available: <https://www.sandag.org/-/media/SANDAG/Documents/PDF/regional-plan/sustainable-growth-and-development/land-use/land-use-definitions.pdf>. Accessed July 10, 2025.
- San Diego County Regional Airport Authority. 2019. *Airport Development Plan Recirculated Draft Environmental Impact Report*. September. Available: <https://www.san.org/Airport-Projects/Environmental-Affairs#1245263-adp-draft-eir>. Accessed May 16, 2025.
- San Diego County Farm Bureau. 2025a. San Diego Agriculture. Available: <https://www.sdfarmbureau.org/san-diego-agriculture/>. Accessed January 3, 2025.
- . 2025b. San Diego County Farm Bureau. Available: <https://www.sdfarmbureau.org/>. Accessed January 3, 2025.
- San Diego Geographic Information Source. 2025a. Zoning Base of City of San Diego. Available: https://geo.sandag.org/server/rest/directories/downloads/Zoning_Base_SD_filegdb.zip Accessed March 3, 2025.
- . 2025b. Zoning for unincorporated County of San Diego. Available: https://geo.sandag.org/server/rest/directories/downloads/Zoning_Unincorporated_filegdb.zip Accessed June 17, 2025.
- San Diego Management and Monitoring Program. 2025. Vegetation map of San Diego County. Available: https://sdmmp.com/view_article.php?cid=SDMMP_CID_71_60904b2f1a54e. Available : March 17, 2025.
- SanGIS. See San Diego Geographic Information Source.
- SCAG. See Southern California Association of Governments.
- SDCRAA. See San Diego County Regional Airport Authority.
- SDMMP. See San Diego Management and Monitoring Program.

- Southern California Association of Governments. 2020. *Program Environmental Impact Report for the Connect SoCal (2020–2045 Regional Transportation Plan/Sustainable Communities Strategy)*. Available: <https://scag.ca.gov/peir>. Accessed May 16, 2025.
- State of California. n.d. Sustainable Agricultural Land Conservation Program Awards (SALC). Available: <https://sandbox.data.ca.gov/dataset/sustainable-agricultural-land-conservation-program-awards-salc>. Accessed June 23, 2025.
- Torrey Pines State Natural Reserve. 2025. History Overview. Available: <https://torreypine.org/history2/overview/>. Accessed January 3, 2025.
- U.S. Forest Service. 2017. *Forest Legacy Program Implementation Guidelines*. Available: https://www.fs.usda.gov/sites/default/files/fs_media/fs_document/15541-forest-service-legacy-program-508.pdf. Accessed January 14, 2025.
- . 2025a. Cleveland National Forest: About the Forest. Available: <https://www.fs.usda.gov/main/cleveland/about-forest>. Accessed January 3, 2025.
- . 2025b. Cleveland National Forest Recreation Area. Available: <https://www.fs.usda.gov/recarea/cleveland/recarea/?recid=75038>. Accessed January 3, 2025.
- USFS. See U.S. Forest Service.

Section 4.3 Air Quality

BAAQMD. See Bay Area Air Quality Management District.

- Baldauf R.W., R. B. Devlin, P. Gehr, R. Giannelli, B. Hassett-Sipple, H. Jung, G. Martini, J. McDonald, J. D. Sacks, and K. Walker. 2016 (October 28). "Ultrafine Particle Metrics and Research Considerations: Review of the 2015 UFP Workshop." *International Journal of Environmental Research and Public Health* 13(11): 1054. Available: <https://pmc.ncbi.nlm.nih.gov/articles/PMC5129264/>. Accessed April 14, 2025.
- Bay Area Air Quality Management District. 2023. 2022 CEQA Guidelines – Appendix E: Recommended Methods for Screening and Modeling Local Risks and Hazards. Available: https://www.baaqmd.gov/~media/files/planning-and-research/ceqa/ceqa-guidelines-2022/appendix-e-recommended-methods-for-screening-and-modeling-local-risks-and-hazards_final-pdf.pdf?rev=b8917a27345a4a629fc18fc8650951e4&sc_lang=en. Accessed June 23, 2025.
- Bell, M. L., A. McDermott, S. L. Zeger, J. M. Samet., and F. Dominici. 2004. *Ozone and Short-Term Mortality in 95 U.S. Urban Communities, 1987-2000*. Available: <https://pmc.ncbi.nlm.nih.gov/articles/PMC3546819/>. Accessed April 14, 2025.
- Bigazzi, A., and M. Figliozzi. 2012. *Impacts of Freeway Traffic Conditions on In-Vehicle Exposure to Ultrafine Particulate Matter*. Available: <https://www.sciencedirect.com/science/article/abs/pii/S1352231012006929>. Accessed March 19, 2025.
- California Air Pollution Control Officers Association. 2025. *Handbook for Analyzing Greenhouse Gas Emissions Reductions, Assessing Climate Vulnerabilities, and Advancing Health and Equity*. Available: <https://www.caleemod.com/handbook/index.html>. Accessed June 13, 2025.
- California Air Resources Board. CARB. 2000. *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles*. Available: <https://ww3.arb.ca.gov/sites/default/files/classic/diesel/documents/rrpfinal.pdf>. Accessed April 15, 2025.
- California Air Resources Board. 2005. *Air Quality and Land Use Handbook: A Community Health Perspective*. April. Available: <https://ww3.arb.ca.gov/ch/handbook.pdf>. Accessed March 19, 2025.
- . 2006. *Current Issues in Ultrafine Particle Research: The ARB's Health and Exposure Research Program*. Available: <https://ww3.arb.ca.gov/board/books/2006/072006/06-7-1pres.pdf>. Accessed March 19, 2025.

-
- . 2016a (July). *California Sustainable Freight Action Plan*. Available: https://ww2.arb.ca.gov/sites/default/files/2019-10/CSFAP_FINAL_07272016.pdf. Accessed March 19, 2025.
 - . 2016b. *Revised Proposed 2016 State Strategy for the State Implementation Plan*. Available: <https://ww2.arb.ca.gov/sites/default/files/classic/planning/sip/2016sip/rev2016statesip.pdf>. Accessed July 30, 2025.
 - . 2017. *Strategies to Reduce Air Pollution Exposure Near High-Volume Roadways: Technical Advisory*. Available: <https://ww3.arb.ca.gov/ch/landuse.htm>. Accessed March 19, 2025.
 - . 2020a. California Takes Bold Step to Reduce Truck Pollution. Available: <https://ww2.arb.ca.gov/news/california-takes-bold-step-reduce-truck-pollution#:~:text=This%20new%20rule%20directly%20addresses%20disproportionate%20risks,%E2%80%9Clast%2Dmile%E2%80%9D%20delivery%20trucks%20and%20vans%20by%202040.&text=Statewide%2C%20the%20Advanced%20Clean%20Truck%20regulation%20will%20lower%20related%20premature%20deaths%20by%201%2C000>. Accessed March 19, 2025.
 - . 2020a. Proposed San Diego 8-Hour Ozone State Implementation Plan Submittal. Available: <https://ww2.arb.ca.gov/sites/default/files/barcu/board/res/2020/res20-29.pdf>. Accessed April 14, 2025.
 - . 2021. *Overview: Diesel Exhaust & Health*. Available: <https://ww2.arb.ca.gov/resources/overview-diesel-exhaust-and-health>. Accessed March 19, 2025.
 - . 2021b. Inhalable Particulate Matter and Health (PM_{2.5} and PM₁₀). Available: <https://ww2.arb.ca.gov/resources/inhalable-particulate-matter-and-health>. Accessed July 15, 2021.
 - . 2022 (November 16). *2022 Scoping Plan for Achieving Carbon Neutrality*. Available: <https://ww2.arb.ca.gov/sites/default/files/2023-04/2022-sp.pdf>. Accessed March 20, 2025.
 - . 2023. Maps of State and Federal Area Designations. Available: <https://ww2.arb.ca.gov/resources/documents/maps-state-and-federal-area-designations>. Accessed March 19, 2025.
 - . 2024a. *Table of Ambient Air Quality Standards*. Available: https://ww2.arb.ca.gov/sites/default/files/2024-08/AAQS%20Table_ADA_FINAL_07222024.pdf. Accessed March 19, 2025.
 - . 2024b. Basic Information about Lead Air Pollution. Available: <https://www.epa.gov/lead-air-pollution/basic-information-about-lead-air-pollution>. Accessed July 28, 2025.
 - . 2024c. *iADAM: Air Quality Data Statistics*. Available: <https://www.arb.ca.gov/adam/>. Accessed February 25, 2025.
 - . 2024d *Staff Report: PM_{2.5} Area Designation Recommendations for the 2024 Annual PM_{2.5} National Ambient Air Quality Standard*. Available: https://ww2.arb.ca.gov/sites/default/files/2024-12/Staff_Report_PM2.5_Area_Designation_Recommendations_2024_Annual_PM2.5_NAAQS.pdf. Accessed July 10, 2025.
 - . 2024e. CEPAM2019v1.04 - Standard Emission Tool. Available: <https://ww2.arb.ca.gov/applications/cepam2019v1-04-standard-emission-tool>. Accessed November 16, 2024.
 - . 2024f. PM_{2.5} Information. Available: <https://ww2.arb.ca.gov/our-work/programs/state-and-federal-area-designations/federal-area-designations/pm2-5>. Accessed July 15, 2025.
 - . 2024g. Proposed Low Carbon Fuel Standard Amendments. Available: <https://ww2.arb.ca.gov/rulemaking/2024/lcfs2024>. Accessed July 10, 2025.
 - . 2024h. California State Priority Action Plan. Available: https://ww2.arb.ca.gov/sites/default/files/2024-03/California%20CPRG%20Priority%20Climate%20Action%20Plan%202024%20March%201_0.pdf. Accessed July 10, 2025.
-

- . 2025a. Carbon Monoxide & Health. Available: <https://ww2.arb.ca.gov/resources/carbon-monoxide-and-health>. Accessed February 24, 2025.
- . 2025b. Summary: Diesel Particulate Matter Health Impacts. Available: https://ww2.arb.ca.gov/resources/summary-diesel-particulate-matter-health-impacts#footnote1_zjnp8x0. Accessed February 25, 2025
- . 2025c. Air Monitoring Sites Interactive Map. Available: <https://ww2.arb.ca.gov/applications/air-monitoring-sites-interactive-map>. Accessed February 24, 2025.
- . 2025d. PM_{2.5} State and Federal Area Designations. Available: <https://ww2.arb.ca.gov/our-work/programs/state-and-federal-area-designations/federal-area-designations/pm2-5#:~:text=States%20and%20Tribal%20Authorities%20will,area%20designations%20by%20February%2026>. Accessed March 17, 2025.
- . 2025d. *History [of California Air Resources Board]*. Available: <https://ww2.arb.ca.gov/about/history>. Accessed February 25, 2025.
- . 2025e. *Notice to the U.S. Environmental Protection Agency of California Air Resources Board's Withdrawal of the Advanced Clean Fleets Waiver Request*. Available: <https://www.epa.gov/system/files/documents/2025-01/ca-acf-carb-withdrawal-ltr-2025-1-13.pdf>. Accessed March 17, 2025.
- . 2025f. Advanced Clean Fleets Regulation information webpage. Available: <https://ww2.arb.ca.gov/our-work/programs/advanced-clean-fleets>. Accessed March 17, 2025.
- . 2025g. Inhalable Particulate Matter and Health (PM_{2.5} and PM₁₀). Available: <https://ww2.arb.ca.gov/resources/inhalable-particulate-matter-and-health>. Accessed March 17, 2025.
- . 2025h. Letter From California Air Resources Board withdrawing its authorization request regarding those portions of the Transport Refrigeration Unit regulation on which the EPA did not take action in its authorization decision on January 3, 2025. Available: <https://www.epa.gov/system/files/documents/2025-01/ca-tru-carb-withdrawal-ltr-2025-1-13.pdf>. Accessed April 16, 2025
- California Natural Resources Agency. 2018 (January). *Safeguarding California Plan: 2018 Update. California's Climate Adaptation Strategy*. Available: <https://resources.ca.gov/CNRALegacyFiles/docs/climate/safeguarding/update2018/safeguarding-california-plan-2018-update.pdf>. Accessed March 20, 2025.
- California Department of Public Health. 2025. County Health Status Profiles 2025, California Department of Public Health. <https://www.cdph.ca.gov/Programs/CHSI/Pages/County-Health-Status-Profiles.aspx>. Accessed July 30, 2025.
- California Office of Environmental Health Hazard Assessment. 2015 (February). *Air Toxics Hot-Spots Program Guidance Manual for the Preparation of Health Risk Assessments*. Available: <https://oehha.ca.gov/media/downloads/cnr/2015guidancemanual.pdf>. Accessed March 19, 2025.
- . 2023. CalEnviroScreen Version 4.0. Available: <https://oehha.ca.gov/calenviroscreen/report/calenviroscreen-40>. Accessed April 16, 2025.
- CARB. See California Air Resources Board.
- CDPH. See California Department of Public Health
- CNRA. See California Natural Resources Agency.
- County of San Diego. 2007. *County of San Diego Guidelines for Determining Significance and Report Format and Content Requirements*. Available: <https://www.sandiegocounty.gov/content/dam/sdc/pds/ProjectPlanning/docs/AQ-Guidelines.pdf>. Accessed September 24, 2020.

- . 2025. About Environmental Odors. Available: https://www.sandiegocounty.gov/content/sdc/hhsa/programs/phs/community_epidemiology/south-region-health-concerns/about-environmental-odors.html#about-h2s. Accessed July 29, 2025.
- European Commission Joint Research Centre. 2018 (March 16). "Climate Change Promotes the Spread of Mosquito and Tick-Borne Viruses." *Science Daily*.
- DieselNet. 2025. *United States: Cars and Light-Duty Trucks*. Available: <https://www.dieselnet.com/standards/us/ld.php>. Accessed February 24, 2025.
- EPA. See U.S. Environmental Protection Agency.
- Governor's Office of Planning and Research, California Energy Commission, and California Natural Resources Agency. 2018. *California's Fourth Climate Change Assessment: Statewide Summary Report*.
- Gryparis, A., B. Forsberg, K. Katsouyanni, A. Analitis, G. Touloumi, J. Schwartz, E. Samoli, S. Medina, H. R. Anderson, E. M. Niciu, H. E. Wichmann, B. Kriz, M. Kosnik, J. Skorkovsky, J. M. Vonk, and Z. Dörtbudak. 2004. *Acute Effects Of Ozone on Mortality from the "Air Pollution and Health: A European Approach" Project*. Available: <https://pubmed.ncbi.nlm.nih.gov/15282198/>. Accessed April 14, 2025.
- Health Effects Institute. 2013. *Understanding the Health Effects of Ambient Ultrafine Particles*. Available: <https://www.healtheffects.org/system/files/Perspectives3.pdf>. Accessed March 19, 2025.
- Intergovernmental Panel on Climate Change. 2014. *Climate Change 2014: Synthesis Report Summary for Policy Makers*.
- . 2023. *Climate Change 2023 Synthesis Report*. Available: https://www.ipcc.ch/report/ar6/syr/downloads/report/IPCC_AR6_SYR_FullVolume.pdf. Accessed July 29, 2025.
- IPCC. See Intergovernmental Panel on Climate Change.
- Kalansky, J., D. Cayan, K. Barba, L. Walsh, K. Brouwer, and D. Boudreau. 2018. *California's Fourth Climate Change Assessment: San Diego Region Report*. Available: <http://www.climateassessment.ca.gov/regions/docs/20180827-SanDiego.pdf>. Accessed July 29, 2025.
- Lim, C. C., R. B. Hayes, J. Ahn, Y. Shao, D. T. Silverman, R. R. Jones, C. Garcia, M. L. Bell, and G. D. Thurston. 2019. *Long-Term Exposure to Ozone and Cause-Specific Mortality Risk in the United States*. Available: <https://pmc.ncbi.nlm.nih.gov/articles/PMC6794108/>. Accessed April 14, 2025.
- Linn W. S., E. L. Avol, R. C. Peng, D. A. Shamoo, and J. D. Hackney. 1987. "Replicated Dose-Response Study of Sulfur Dioxide Effects in Normal, Atopic, and Asthmatic Volunteers." *American Review of Respiratory Disease* 136 (5): 1127–1134. Available: <https://pubmed.ncbi.nlm.nih.gov/3674575/>. Accessed April 14, 2025.
- Lister, B. C., and A. Garcia. 2018. "Climate-Driven Declines in Arthropod Abundance Restructure in a Rainforest Food Web." *PNAS* 115 (44): E10397–E10406.
- McConnell, R., K. Berhane, F. Gilliland, S. J. London, T. Islam, W. J. Gauderman, E. Avol, H. G. Margolis, and J. M. Peters. 2002. "Asthma in Exercising Children Exposed to Ozone: A Cohort Study." *Lancet* 359(9304): 386–391.
- Metropolitan Transit System. 2025. Zero Emissions Bus Program. Available: <https://www.sdmts.com/inside-mts/current-projects/zero-emissions-bus-program>. Accessed April 14, 2025.
- National Highway Traffic Safety Administration. 2024. USDOT Finalizes New Fuel Economy Standards for Model Years 2027-2031. Available: <https://www.nhtsa.gov/press-releases/new-fuel-economy-standards-model-years-2027-2031>. Accessed February 25, 2025.
- National Oceanic and Atmospheric Administration. 2024 (January 17). 2023 Was the Warmest Year in the Modern Temperature Record.

- NHTSA. See National Highway Traffic Safety Administration.
- NOAA. See National Oceanic and Atmospheric Administration.
- Nogueira, L. M., K. R. Yabroff, and A. Bernstein. 2020. Climate Change and Cancer. Available: <https://doi.org/10.3322/caac.21610>. *CA: A Cancer Journal for Clinicians* 70(4): 239–244. Accessed July 29, 2025.
- OEHHA. See California Office of Environmental Health Hazard Assessment.
- Ocean Protection Council. 2024. *State of California Sea-Level Rise Guidance*. Available: <https://opc.ca.gov/wp-content/uploads/2024/05/California-Sea-Level-Rise-Guidance-2024-508.pdf>. Accessed July 29, 2025.
- OPC. See Ocean Protection Council.
- OPR et al. See Governor’s Office of Planning and Research, California Energy Commission, and California Natural Resources Agency.
- Padhy, S. K., S. Sarkar, M. Panigrahi, and S. Paul. 2015. “Mental Health Effects of Climate Change.” *Indian Journal of Occupational and Environmental Medicine* 19(1): 3–7.
- Panis, L. I., B. de Geus, G. Vandenbulcke, H. Willems, B. Degraeuwe, N. Bleux, V. Mishra, I. Thomas, and R. Meeusen. 2010. “Exposure to Particulate Matter in Traffic: A Comparison of Cyclists and Car Passengers.” *Atmospheric Environment* 44(19): 2263–2270. Available: <https://www.sciencedirect.com/science/article/abs/pii/S1352231010003225>. Accessed March 19, 2025.
- Pu, B., Q. Jin, P. Ginoux, and Y. Yu. 2022. “Compound Heat Wave, Drought, and Dust Events in California.” *Journal of Climate* 35: 8133–8152. Available: <https://journals.ametsoc.org/view/journals/clim/35/24/JCLI-D-21-0889.1.xml>. Accessed August 11, 2025.
- Reidmiller, D. R., C. W. Avery, D. R. Easterling, K. E. Kunkel, K. L. M. Lewis, T. K. Maycock, and B. C. Stewart. 2018. *Impacts, Risks, and Adaptation in the United States: Fourth National Climate Assessment, Volume II*. U.S. Global Change Research Program. Washington, DC. Available: <https://www.doi.org/10.7930/NCA4.2018>. Accessed July 29, 2025.
- Sacramento Metropolitan Air Quality Management District. 2020. *Construction-Generated Criteria Air Pollutant and Precursor Emissions*. Available: <https://www.airquality.org/LandUseTransportation/Documents/Ch3Construction4-30-2020.pdf>. Accessed August 11, 2025.
- San Diego Air Pollution Control District. 2005 (December). *Measures to Reduce Particulate Matter in San Diego County*. Available: <https://www.sandiegocounty.gov/content/dam/sdc/pds/ceqa/JVR/AdminRecord/IncorporatedByReference/Section-2-2---Air-Quality-References/SDAPCD%202005.pdf>. Accessed March 20, 2025.
- . 2009 (June 24). *Rule 55: Fugitive Dust Control*. Available: https://www.sdapcd.org/content/dam/sdc/apcd/PDF/Rules_and_Regulations/Prohibitions/APCD_R55.pdf. Accessed March 19, 2025.
- . 2020. *2020 Plan for Attaining the National Ambient Air Quality Standards for Ozone in San Diego County*. Available: [https://www.sdapcd.org/content/dam/sdapcd/documents/grants/planning/Att%20A%20\(Attainment%20Plan\)_ws.pdf](https://www.sdapcd.org/content/dam/sdapcd/documents/grants/planning/Att%20A%20(Attainment%20Plan)_ws.pdf). Accessed March 19, 2025.
- . 2022. *2022 Regional Air Quality Strategy*. Available: <https://www.sdapcd.org/content/dam/sdapcd/documents/grants/planning/Att.%20A%20-%202022%20RAQS.pdf>. Accessed April 16, 2025.
- . 2023. Notice of Determination for the 2022 Regional Air Quality Strategy Revision for San Diego County. Available: <https://files.ceqanet.lci.ca.gov/286117-1/attachment/-kFrhgrOO62UN2-Y->

- fDMgHNQuFSGdTKNYEK815rrdQ-sWpC2JKTWADiL9gFw-iYNW8G5fyRfG4QO3iXH. Accessed April 16, 2025.
- . 2024a. *Annual Air Quality Monitoring Network Report 2023*. Available: <https://www.sdapcd.org/content/dam/sdapcd/documents/monitoring/2023-Network-Report.pdf>. Accessed February 24, 2025.
- . 2024b. *2023 California Air Toxics "Hot Spots" Annual Report*. Available: <https://www.sdapcd.org/content/dam/sdapcd/documents/permits/air-toxics/2023-Air-Toxics-Hot-Spots-Annual-Report-Approved.pdf>. Accessed February 25, 2025.
- . SDAPCD. n.d. Community Air Protection Program (AB 617). Available: <https://www.sdapcd.org/content/sdapcd/community/community-air-protection-program.html>. Accessed April 16, 2025.
- San Diego Association of Governments. 2024. *Series 15 Regional Growth Forecast*. Available: <https://www.sandag.org/-/media/SANDAG/Documents/PDF/data-and-research/socioeconomics/estimates-and-forecasts/sr-15-infobits-2024-04-01.pdf>. Accessed July 12, 2025.
- SCAQMD. See South Coast Air Quality Management District.
- SDAPCD. See San Diego Air Pollution Control District.
- South Coast Air Quality Management District. 2007. *Mitigation Measure Examples: fugitive Dust from Construction and Demolition*. Available: <http://www.aqmd.gov/docs/default-source/ceqa/handbook/mitigation-measures-and-control-efficiencies/fugitive-dust/fugitive-dust-overview.pdf>. Accessed March 19, 2025.
- . 2022. *2022 Air Quality Management Plan*. Available: https://www.aqmd.gov/docs/default-source/clean-air-plans/air-quality-management-plans/2022-air-quality-management-plan/final-2022-aqmp/final-2022-aqmp.pdf?sfvrsn=edcebd61_16.
- Uchitel, Kirsten. Associate Planner, SANDAG, San Diego, CA—December 28, 2024, email to Kathie Washington, Project Manager, San Diego, CA, and others.
- United Nations. 2015. Paris Agreement.
- U.S. Environmental Protection Agency. 2004. *Control of Emissions of Air Pollution From Nonroad Diesel Engines and Fuel*. Available: <https://www.gpo.gov/fdsys/pkg/FR-2004-06-29/pdf/04-11293.pdf>. Accessed March 19, 2025.
- . 2006. *Master List of Compounds Emitted by Mobile Sources*. Available: <https://nepis.epa.gov/Exe/ZyPDF.cgi/P1004KHZ.PDF?Dockey=P1004KHZ.PDF>. Accessed April 14, 2025.
- . 2007 (February 26). "Control of Hazardous Air Pollutants From Mobile Sources." Final Rule. *Federal Register* 72(37): 8430.
- . 2009. *Emission Factors for Locomotives*. Available: <https://nepis.epa.gov/Exe/ZyPDF.cgi/P100500B.PDF?Dockey=P100500B.PDF>. Accessed March 19, 2025.
- . 2016. Final Rule for Phase 2 Greenhouse Gas Emissions Standards and Fuel Efficiency Standards for Medium- and Heavy-Duty Engines and Vehicles. Available: <https://www.epa.gov/regulations-emissions-vehicles-and-engines/final-rule-phase-2-greenhouse-gas-emissions-standards>. Accessed March 19, 2025.
- . 2023. *California Waiver Requests for Heavy-Duty Vehicle Emission Regulations*. Available: <https://www.govinfo.gov/content/pkg/FR-2023-04-06/pdf/2023-07184.pdf>. Accessed July 1, 2025.
- . 2024a. Ground-level Ozone Basics. Available: <https://www.epa.gov/ground-level-ozone-pollution/ground-level-ozone-basics#wwh>. Accessed February 24, 2025.
- . 2024b. Basic Information about NO₂. Available: <https://www.epa.gov/no2-pollution/basic-information-about-no2#What%20is%20NO2>. Accessed February 24, 2025.

- . 2024c. Particulate Matter (PM) Basics. Available: <https://www.epa.gov/pm-pollution/particulate-matter-pm-basics>. Accessed February 24, 2025
- . 2024d. Health and Environmental Effects of Particulate Matter (PM). Available: <https://www.epa.gov/pm-pollution/health-and-environmental-effects-particulate-matter-pm>. Accessed February 24, 2025.
- . 2024e. *Sulfur Dioxide (SO₂) Pollution*. Last Updated April 2, 2019. Available: <https://www.epa.gov/so2-pollution/sulfur-dioxide-basics#effects>. Accessed February 24, 2025.
- . 2024f. Greenbook. Available: <https://www.epa.gov/green-book>. Accessed February 24, 2025.
- . 2024g. *General Information for Transportation and Conformity*. Available: <https://www.epa.gov/state-and-local-transportation/general-information-transportation-and-conformity>. Accessed February 24, 2025.
- . 2024h. 1990 Clean Air Act Amendment Summary: Title I Provisions for Attainment and Maintenance of National Ambient Air Quality Standards. Available: <https://www.epa.gov/clean-air-act-overview/1990-clean-air-act-amendment-summary-title-i>. Accessed February 24, 2025.
- . 2024i. Emission standards for light-duty vehicles, light-duty trucks and medium-duty passenger vehicles. Available: <https://www.ecfr.gov/current/title-40/chapter-I/subchapter-C/part-86/subpart-S/section-86.1811-04>. Accessed February 24, 2025.
- . 2024j. *AERMOD Implementation Guide*. Available: https://gaftp.epa.gov/Air/aqmg/SCRAM/models/preferred/aermod/aermod_implementation_guide.pdf. Accessed April 22, 2025
- . 2024k. *Estimating PM_{2.5} and Ozone-Attributable Health Benefits: 2024 Update*. Available: <https://www.epa.gov/system/files/documents/2024-06/estimating-pm2.5-and-ozone-attributable-health-benefits-tsd-2024.pdf>. Accessed August 8, 2025
- . 2025a. Ground Level Ozone Basics. Available: <https://www.epa.gov/ground-level-ozone-pollution/ground-level-ozone-basics#formation>. Accessed April 22, 2025
- . 2025b. Greenbook. Available: <https://www.epa.gov/green-book>. Accessed February 24, 2025.
- . 2025c Interactive Map of Air Quality Monitors. Available: <https://epa.maps.arcgis.com/apps/webappviewer/index.html?id=5f239fd3e72f424f98ef3d5def547eb5&extent=-146.2334,13.1913,-46.3896,56.5319>. Accessed March 11, 2025.
- . 2025d (January 8). Monitor Values Report. Available: <https://www.epa.gov/outdoor-air-quality-data/monitor-values-report>. Accessed March 11, 2025.
- . 2025e (February 28). Emission Standards Reference Guide for On-road and Nonroad Vehicles and Engines. Available: <https://www.epa.gov/emission-standards-reference-guide>. Accessed March 11, 2025.
- . 2025f. "Pollution Control Standards; In-Use Diesel-Fueled Transport Refrigeration Units (TRU) and TRU Generator Sets." Notice of Decision. *Federal Register* 90:b2000.
- . 2025g. *User's Manual for the CO-Benefits Risk Assessment Health Impacts Screening and Mapping Tool (COBRA)*. Available: <https://www.epa.gov/system/files/documents/2025-03/cobra-user-manual-v5.2.pdf>. Accessed August 8, 2025.
- Western Governors' Association. 2006 (September 7). *WRAP Fugitive Dust Handbook*.
- Western Fire Chiefs Association. 2024. *Wildfires and Rain: What You Need to Know*. Available: <https://wfca.com/wildfire-articles/wildfire-and-rain/>. Accessed July 29, 2025.
- WGA. See Western Governors' Association.

Section 4.4 Biological Resources

- Aspen Environmental Group. 2008 (October). *Final Environmental Impact Report/Environmental Impact Statement and Proposed Land Use Amendment*. San Diego Gas & Electric Company Application for the Sunrise Powerlink Project.
- Bailey E. A., and P. J. Mock. 1998 (July). "Dispersal Capability of the California Gnatcatcher: A Landscape Analysis of Distribution Data." *Western Birds* 29: 351–360.
- Baldwin, B. G., D. H. Goldwin, J. K. Keil, R. Patterson, J. Rosatti, J., and D. H. Wilken. 2012. *The Jepson Manual*. Second edition. University of California Press. Berkeley, CA.
- Barbour, M., T. Keeler-Wolf, and A. A. Schoenherr. 2007. *Terrestrial Vegetation of California*. Third edition. University of California Press. Berkeley, CA.
- Bauder E. T., and S. McMillan. 1986. "Current Distribution and Historical Extent of Vernal Pools in Southern California and Baja Mexico." In *Ecology, Conservation, and Management of Vernal Pool Ecosystems – Proceedings from a 1996 Conference*, edited by C. W. Witham, E. Bauder, D. Belk, W. Ferren, and R. Ornduff. California Native Plant Society, Sacramento, CA.
- Beier, P., and R. F. Noss. 1998. "Do Habitat Corridors Provide Connectivity?" *Conservation Biology* 12(6): 1241–1252.
- Biogeographic Information and Observation System. 2025a. Focused Planning Areas – Northwestern San Diego County – MHCP [ds2770]. Available: <https://map.dfg.ca.gov/metadata/ds2770.html>. Retrieved June 18, 2025.
- . 2025b. Multiple Species Conservation Program Cores and Linkages [ds2771]. Available: <https://map.dfg.ca.gov/metadata/ds2771.html>. Retrieved June 18, 2025.
- BIOS. See Biogeographic Information and Observation System.
- Bradford, M. A., W. R. Wieder, G. B. Bonan, N. Fierer, P. A. Raymond, and T. W. Crowther. 2016. "Managing Uncertainty in Soil Carbon Feedbacks to Climate Change." *Nature Climate Change* 6(8): 751–758.
- Brennan-Kane, T. J., and J. E. Keeley. 2020 (May 28). Vegetation Type Conversion in Chaparral in San Diego County, California, USA between 1953 and 2016: U.S. Geological Survey Data Release. Available: <https://doi.org/10.5066/P91J4DFH>. Retrieved August 20, 2025.
- Brehme, C. S., J. A. Tracey, L. R. McClenaghan, and R. N. Fisher. 2013 "Permeability of Roads to Movement of Scrubland Lizards and Small Mammals." *Conservation Biology* 27(4): 710–720.
- California Coastal Commission. 1994. *Procedural Guidance for the Review of Wetland Projects in California's Coastal Zone*.
- California Department of Fish and Wildlife. 2025. Current California Ocean Recreational Fishing Regulations. 34°27' N. Latitude (Point Conception, Santa Barbara County) to the U.S. - Mexico Border. Summary of Recreational Groundfish Regulations, Southern Management Area. Accessed August 11, 2025.
- California Department of Transportation and Secretariat of Infrastructure, Urban Development, and Territorial Reorganization. 2021 (February). *California-Baja California Border Master Plan*. Available: <https://www.calibajabmp.org/reports>. Accessed January 22, 2025.
- California High Speed Rail Authority. 2005. *Program Environmental Impact Report/Environmental Impact Statement for the Proposed California High-Speed Train System*. Available: <https://hsr.ca.gov/programs/environmental-planning/program-eir-eis-documents-for-the-statewide-high-speed-rail-system-tier-1/final-program-environmental-impact-report-environmental-impact-statement-eir-eis-for-the-proposed-california-high-speed-train-system-2005/>. Accessed March 2025.
- California Native Plant Society. n.d. California Rare Plant Ranks. Available: <https://www.cnps.org/rare-plants/california-rare-plant->

- ranks#:~:text=Plants%20with%20a%20California%20Rare,)%20and/or%20%C2%A715380. Accessed August 20, 2025.
- California Natural Diversity Database. 2025. CNDDDB Maps and Data. California Department of Fish and Wildlife, Biogeographic Data Branch. Sacramento. Available: <https://wildlife.ca.gov/Data/CNDDDB/Maps-and-Data>. Retrieved April 2, 2025.
- Caltrans See California Department of Transportation.
- CBI. See Conservation Biology Institute.
- CCC. See California Coastal Commission.
- CDFW. See California Department of Fish and Wildlife.
- CEP and SDF. See Climate Education Partners and San Diego Foundation.
- Chesser, R. T., S. M. Billerman, K. J. Burns, C. Cicero, J. L. Dunn, B. E. Hernández-Baños, R. A. Jiménez, O. Johnson, A. W. Kratter, N. A. Maston, P. C. Rasmussen, and J. V. Remsen, Jr. 2024. Checklist of North and Middle American Birds. American Ornithological Society. Available: <https://checklist.americanornithology.org/taxa/>. Accessed August 20, 2025.
- City of Carlsbad. 2004. *Habitat Management Plan for natural Communities in the City of Carlsbad*. December 1999 as amended. Final approval November 2004.
- . 2015. *Carlsbad General Plan*. Available: <https://www.carlsbadca.gov/departments/community-development/planning/general-plan>. Accessed January 13, 2025.
- . 2025 (June 24). *Carlsbad Municipal Code*. Available: <https://ecode360.com/44157599>. Accessed August 20, 2025.
- City of Chula Vista. 2003 (May). *The City of Chula Vista MSCP Subarea Plan*. ———. 2005 (December 13). *City of Chula Vista General Plan*. Available: <https://www.chulavistaca.gov/departments/development-services/planning/planning-digital-library/general-plan>. Accessed August 20, 2025.
- . 2022. Chula Vista Municipal Code. Available: <https://chulavista.municipal.codes/CVMC>. Accessed August 20, 2025.
- City of Coronado. 2003. *Coronado General Plan*. Available: <https://www.coronado.ca.us/DocumentCenter/View/1580/General-Plan-PDF>. Accessed January 13, 2025.
- . 2025. *City of Coronado Municipal Code*. Available: <https://coronado.municipal.codes/>. Accessed August 20, 2025.
- City of Del Mar. 1976. *The Community Plan*. Available: <https://www.delmar.ca.us/DocumentCenter/View/250/Community-Plan?bidId=>. Accessed August 20, 2025.
- . 2025. City of Del Mar Municipal Code. Available: https://library.municode.com/ca/del_mar/codes/municipal_code. Accessed August 20, 2025.
- City of El Cajon. 2001. *General Plan 2000*. Available: <https://www.elcajon.gov/your-government/departments/community-development/planning-division/adopted-planning-code-information>. Accessed January 17, 2025.
- . 2025. City of El Cajon Municipal Code. Available: <https://ecode360.com/EL4925>. Accessed August 20, 2025.
- City of Encinitas. 1995. *City of Encinitas General Plan*. Available: <https://portal.laserfiche.com/Portal/browse.aspx?id=665622&repo=r-d8c5c08d>. Accessed January 13, 2025.

-
- . 2025. City of Encinitas Municipal Code. Available: <https://ecode360.com/EN5042>. Accessed August 20, 2025.
- City of Escondido. 2012 (May). *Escondido General Plan*. Available: <https://escondido.gov/1106/Policy-and-Regulatory-Documents>. Accessed January 2025.
- . 2025. City of Escondido Municipal Code. Available: <https://ecode360.com/ES4926>. Accessed August 20, 2025.
- City of Imperial Beach. 2019 (March 25). *City of Imperial Beach General Plan/Local Coastal Program Land Use Plan*. Available: <https://www.imperialbeachca.gov/DocumentCenter/View/401/Imperial-Beach-Implementation-Plan-User-Guide-Final-Draft-PDF>. Accessed August 20, 2025.
- . 2025. City of Imperial Beach Municipal Code. Available: <https://qcode.us/codes/imperialbeach/>. Accessed August 20, 2025.
- City of La Mesa. 2000 (January). *MSCP. City of La Mesa Subarea Plan*. U.S. Fish and Wildlife Services.
- . 2013. *2012 General Plan*. Available: <https://www.cityoflamesa.us/953/General-Plan>. Accessed January 13, 2025.
- . 2025. City of La Mesa Code of Ordinances. Available: https://library.municode.com/ca/la_mesa/codes/code_of_ordinances. Accessed August 20, 2025.
- City of Lemon Grove. 1996 (October). *General Plan*. Available: <https://www.lemongrove.ca.gov/media/ni2dcask/lemon-grove-general-plan.pdf>. Accessed August 20, 2025.
- . 2025. Lemon Grove Municipal Code. Available: <https://ecode360.com/LE4958>. Accessed August 20, 2025.
- City of National City. 2011 (June 7). *City of National City General Plan Open Space and Agriculture Element*. Available: <https://www.nationalcityca.gov/government/community-development/planning>. Accessed January 20, 2025.
- . 2025. City of National City Code of Ordinances. Available: https://library.municode.com/ca/national_city/codes/code_of_ordinances. Accessed August 20, 2025.
- City of Oceanside. 2002. *General Plan*. Available: <https://www.ci.oceanside.ca.us/government/development-services/planning/general-plan>. Accessed January 13, 2025.
- . 2021. Subarea Plan Administration. Policy Number 2021-2. Development Services Department (DSD). Implemented December 16, 2021.
- . 2025. *City of Oceanside Municipal Code*. Available: https://library.municode.com/ca/oceanside/codes/code_of_ordinances. Accessed August 20, 2025.
- City of Poway. 1991. Poway Comprehensive Plan. Available: <https://poway.org/286/General-Plan>. Accessed January 20, 2025.
- . 1996 (April). *Poway Subarea Habitat Conservation Plan/Natural Community Conservation Plan*. Prepared for the City of Poway Planning Department by Ogden Environmental.
- . 2025. Poway Municipal Code. Available: <https://www.codepublishing.com/CA/Poway/>. Accessed August 20, 2025.
- City of San Diego. 1997 (March). *Multiple Species Conservation Program, City of San Diego MSCP Subarea Plan*, Prepared by the City of San Diego Community and Economic Development Department. ———. 2017 (October). *Final Vernal Pool Habitat Conservation Plan*. City of San Diego Planning Department.
- . 2018 (February 27). *North City Project Pure Water San Diego Program. Environmental Impact Report/Environmental Impact Statement*. State Clearinghouse No. #2016081016. PTS #499621. Prepared for the Development Services Department.

- . 2020 (February). *Climate Change Vulnerability Assessment*. Prepared for the City of San Diego by ICF.
- . 2024 (July). *City of San Diego General Plan*. Available: https://www.sandiego.gov/sites/default/files/2024-07/general-plan_01_introduction_july-2024.pdf. Accessed August 20, 2025.
- . 2025a. City of San Diego Municipal Code. Available: <https://www.sandiego.gov/city-clerk/officialdocs/municipal-code>. Accessed August 20, 2025.
- . 2025b. *Midway Rising Project Draft Subsequent Environmental Impact Report*. State Clearinghouse No. 2023120451. Available: https://files.ceqanet.lci.ca.gov/293830-2/attachment/SzMA9aX8WujVG8AalvNz_lfus7FywSUptmMED3X3pFdil4OffQ6pW_7DDTMcPA7AoNXIWUO05okO1j9C0. Accessed August 20, 2025.
- City of San Marcos. *City of San Marcos General Plan*. Available: <https://www.san-marcos.net/work/economic-development/general-plan>.
- . 2025. *City of San Marcos Municipal Code*. Available: https://library.municode.com/ca/san_marcos/codes/code_of_ordinances. Accessed August 20, 2025.
- City of Santee 2003. *General Plan*. Available at <https://www.cityofsanteeca.gov/departments/city-clerk/document-central/planning-building/general-plan>. Accessed January 20, 2025.
- . 2025. City of Santee Municipal Code. Available: <https://ecode360.com/SA5010>. Accessed August 20, 2025.
- City of Solana Beach. 2014. *General Plan*. Available: <https://www.codepublishing.com/CA/SolanaBeach/html/pdfs/solbeachgenplanfullcode.pdf>. Accessed August 20, 2025.
- . 2025. Solana Beach Municipal Code. Available: <https://www.codepublishing.com/CA/SolanaBeach/>. Accessed August 20, 2025.
- City of Vista. 2012 (February 28). *General Plan*. Available: <https://www.vista.gov/departments/community-development/permits-forms/vista-general-plan-2030>. Accessed January 20, 2025.
- . 2025. City of Vista Municipal Code. Available: <https://portal.laserfiche.com/Portal/Browse.aspx?id=43616&repo=r-3f0b2553>. Accessed August 20, 2025.
- Climate Education Partners and San Diego Foundation. 2015. *San Diego, 2050 Is Calling, How Will We Answer? Facing the Future: How Science Can Help Prepare San Diego Regional Leaders for Climate Change*. San Diego, CA.
- CNDDb. See California Natural Diversity Database.
- CNPS. See California Native Plant Society.
- Coachella Valley Association of Governments. 2007 (September). *Final Recirculated Coachella Valley MSHCP Environmental Impact Report/Statement*.
- Commission for Environmental Cooperation. 2010 (November 10). *Strategic Plan of the Commission for Environmental Cooperation 2010-2015*. Montréal, Québec. Available: https://www.cec.org/files/documents/strategic_plans/10115_strategic_plan_2011_en.pdf. Accessed August 20, 2025.
- . 2021. *Strategic Plan 2021-2025*. Available: https://www.cec.org/files/documents/strategic_plans/cec-strategic-plan-2021-2025.pdf. Accessed August 11, 2025.
- Conservation Biology Institute. 2003 (January). *Review of Regional Habitat Linkage Monitoring Locations*. Prepared for the Multiple Species Conservation Program.
- . 2004 (September). "Las California Binational Conservation Network." In *Las Californias Binational Conservation Initiative: A Vision for Habitat Conservation in the Border Region of California and Baja*

- California, 20–43. Available: https://www.sandiegocounty.gov/content/dam/sdc/pds/ceqa/Soitec-Documents/Final-EIR-Files/references/rtcref/ch2.3/2014-12-19_CBI2004_Part5.pdf. Accessed August 20, 2025.
- County of Riverside. 2003. *Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP)*. Available: <https://rctlma.org/western-riverside-county-multiple-species-habitat-conservation-plan-mshcp-1>. Accessed August 20, 2025.
- County of San Diego. 1997 (October 22). *Multiple Species Conservation Program South County Subarea Plan*. Prepared by the County of San Diego in conjunctions with the U.S. Fish and Wildlife Service and California Department of Fish and Game.
- . 1998 (August). *Final Multiple Species Conservation Program: MSCP Plan*. Available: <https://www.sandiegocounty.gov/content/dam/sdc/pds/mscp/docs/SCMSCP/FinalMSCPPProgramPlan.pdf>. Accessed August 20, 2025.
- . 2010. *County of San Diego Guidelines for Determining Significance and Report Format and Content Requirements: Biological Resources*.
- . 2011. *County of San Diego General Plan*. Available: https://www.sandiegocounty.gov/content/dam/sdc/pds/docs/GP/GENERAL%20PLAN_April2022_PRINT.pdf. Accessed August 20, 2025.
- . 2019 (December). *North County Multiple Species Conservation Plan Status Review and Options Assessment*. Prepared by ICF.
- . 2021 (March). Planning Agreement by and among the County of San Diego, Department of Fish and Wildlife, and United States Fish and Wildlife Services regarding the North and East County Multiple Species Conservation Program Plans: Natural Community Conservation Program Plans and Habitat Conservation Plans. Third Reinstated and Amended.
- . 2025. *San Diego County Ordinances*. Available: https://codelibrary.amlegal.com/codes/san_diego/latest/overview. Accessed August 20, 2025.
- Crooks, K. R. 1999. "Mammalian Carnivores, Mesopredator Release, and Avifaunal Extinctions in a Fragmented System." PhD thesis. University of California, Santa Cruz.
- . 2002. "Relative Sensitivities of Mammalian Carnivores to Habitat Fragmentation." *Conservation Biology* 16: 488–502.
- Crooks, K. R., and M. E. Soulé. 1999. "Mesopredator Release and Avifaunal Extinctions in a Fragmented System." *Nature* 400 (5).
- Dickson, B. G., and P. Beier. 2002. "Home-Range Selection by Adult Cougars in Southern California." *The Journal of Wildlife Management* 66(4): 1235–1245.
- Diffendorfer, J. E., R. E. Chapman, J. M. Duggan, G. M. Fleming, M. Mitrovitch, M. E. Rahn, and R. del Rosario. 2002. *Coastal Sage Scrub Response to Disturbance. A Literature Review and Annotated Bibliography*. Prepared for California Department of Fish and Game, Department of Biology, San Diego State University.
- Dobson, A. P., J. P. Rodriguez, W. M. Roberts, and D. S. Wilcove. 1997. "Geographic Distribution of Endangered Species in the United States." *Science* 275: 550–553.
- EcoAdapt. 2017. *Southern California Sage Scrub Habitats: Climate Change Vulnerability Assessment Synthesis. Assessment of the Southern California Climate Adaptation Project*.
- Faber, P. M., E. Keller, A. Sands, and B. M. Massey. 1989. *The Ecology of Riparian Habitats of the Southern California Coastal Region: A Community Profile*. U.S. Department of the Interior, Fish and Wildlife Service, Research and Development, National Wetlands Research Center. Washington, DC.

- Fedriani, J. M., T. K. Fuller, R. M. Sauvajot, and E. C. York. 2000. "Competition and Intraguild Predation among Three Sympatric Carnivores." *Oecologia* 125: 258–270.
- Gamble, Justin. Sustainability Project Director, City of Oceanside. March 3, 2025—email to Chistina Schaefer, President of Ecological Solutions, regarding the City of Oceanside City Council's decision to not formally adopt the City of Oceanside Draft MHCP Subarea Plan but instead implement but instead implement the policies through the General Plan Update.
- George, S. L., and K. R. Crooks. 2006. "Recreation and Large Mammal Activity in an Urban Nature Reserve." *Biological Conservation* 133: 107–117.
- Hatfield, J. L., and J. H. Prueger. 2015. "Temperature Extremes: Effect on Plant Growth and Development." *Weather and Climate Extremes* 10: 4–10.
- Heberger M., H. Cooley, P. Herrera, P. H. Gleick, and E. Moore. 2009. *The Impacts of Sea-Level Rise on the California Coast*. Final. CA. Prepared for the California Energy Commission by the Pacific Institute, Oakland, CA.
- Hilberg, L. E., W. A. Reynier, and J. M. Kershner. 2017. *Southern California Riparian Habitats: Climate Change Vulnerability Assessment Synthesis*. Version 1.0. Prepared for the Southern California Climate Adaptation Project by EcoAdapt. Bainbridge Island, WA.
- Hoang, Dai. Senior Planner, Development Services. City of Chula Vista. July 21, 2025—email to Phi V. Ngo, Senior GIS Specialist of Ascent, regarding Multiple Species Conservation Program (MSCP) open space preserve for the City of Chula Vista.
- Holland, R. F. 1986 (October). *Preliminary Descriptions of the Terrestrial Natural Communities of California*. Nongame Heritage Program, California Department of Fish and Game.
- HSRA. See California High Speed Rail Authority.
- ICLEI—Local Governments for Sustainability. 2012. *Sea Level Rise Adaptation Strategy for San Diego Bay*. San Diego, CA. Prepared for the San Diego Bay Public Agency Steering Committee.
- Jennings, M. K., D. Cayan, J. Kalansky, A. D. Pairis, D. M. Lawson, A. D. Syphard, U. Abeysekera, R. E. S. Clemesha, A. Gershunov, K. Guirguis, J. M. Randall, E. D. Stein, and S. Vanderplank. 2018. *Summary Report, San Diego County Ecosystems: Ecological Impacts of Climate Change on a Biodiversity Hotspot*. Climate Science Alliance. San Diego, CA.
- Jennings, M. K., E. Conlisk, E. Haeuser, and R. L. Lewison. 2019. *Climate Resilient Connectivity for the South Coast Ecoregion of California*. Institute of Ecological Monitoring and Management, San Diego State University. Available: <https://databasin.org/datasets/b3de45cbc8804e21b668d96b6100a938/>. Retrieved April 14, 2025.
- Jennings, M. K., E. Haeuser, D. Foote, R. L. Lewison, and E. Conlisk. 2020. "Planning for Dynamic Connectivity: Operationalizing Robust Decision-Making and Prioritization Across Landscapes Experiencing Climate and Land-Use Change." *Land* 2020(9): 341. Available: <https://www.mdpi.com/2073-445X/9/10/341>. Accessed August 20, 2025.
- Jepson Flora Project. 2025. Jepson eFlora. Available: <http://ucjeps.berkeley.edu/IJM.html>. Retrieved April 17, 2025.
- Kalansky, J., D. Cayan, K. Barba, L. Walsh, K. Brouwer, and D. Boudreau. 2018. *California's Fourth Climate Change Assessment: San Diego Region Report*. Available: https://www.energy.ca.gov/sites/default/files/2019-11/Reg_Report-SUM-CCCA4-2018-009_SanDiego_ADA.pdf. Accessed July 17, 2025.
- Keeler-Wolf, T., D. R. Elam, and S. Flint. 1995. *California Vernal Pool Assessment Preliminary Report*. Department of Fish and Game, Sacramento, CA.
- Keeley J., and P. Mantgem. 2022. *Vegetation Type Conversion in the Southwest: Observations and Management Takeaways*. USGS Western Ecological Research Center Research Spotlight.

- Lidicker, W. Z. Jr., and J. A. Peterson. 1999. "Response of Small Mammals to Habitat Edges." In *Landscape Ecology of Small Mammals*, editing by Barrett, G. W. and J. D. Peles, 221–227. Springer, New York.
- Lippitt C. L., D. A. Stow, J. F. O’Leary, and J. Franklin. 2013. "Influence of Short-Interval Fire Occurrence on Post-Fire Recovery of Fire-Prone Shrublands in California, USA." *International Journal of Wildland Fire* 22: 184–193.
- Lyren, L., G. Turschak, E. Ambat, C. Haas, J. Tracey, E. Boydston, S. Hathaway, R. Fisher, and K. Crooks. 2006. *Carnivore Activity and Movement in a Southern California Protected Area, the North/Central Irvine Ranch*. USGS technical report prepared for The Nature Conservancy.
- McNab, W. H., D. T. Cleland, J. A. Freeouf, J. E. Keys Jr., G. J. Nowacki, and C. A. Carpenter. 2005. *Description of Ecological Subregions: Sections of the Conterminous United States*. U.S. Forest Service. Washington, DC.
- McTigue, N., J. Davis, A. B. Rodrigues, B. McKee, A. Atencio, and C. Currin. 2019. "Sea Level Rise Explains Changing Carbon Accumulation Rates in a Salt Marsh Over the Past Two Millennia." *Journal of Geophysical Research: Biogeosciences*, 124.
- Meng, R., P. E. Dennison, C. M. D’Antonio, and M. A. Moritz. 2014. "Remote Sensing Analysis of Vegetation Recovery Following Short-Interval Fires in the Southern California Shrublands." *PLOS ONE* 9(10).
- Messner, S., S. C. Miranda, K. Green, C. Phillips, J. Dudley, D. Cayan, and E. Young. 2011. *Climate Change-Related Impacts in the San Diego Region by 2050*. Prepared for the California Energy Commission.
- Morin, D. J. 2007. "Does Urbanization Impact Coyotes, Mesopredators and Their Small Mammal Prey? A Test of Mesopredator Release Hypothesis in Coastal Sage Scrub." Master’s thesis. San Diego State University.
- Moser, S., and J. Ekstrom. 2012. *Developing Adaptation Strategies for San Luis Obispo County: Preliminary Climate Change Vulnerability Assessment for Social Systems*. Prepared for the California Energy Commission
- Moser, S., J. Ekstrom, and G. Franco. 2012. *Our Changing Climate 2012: Vulnerability & Adaptation to the Increasing Risks from Climate Change in California*. CEC-500-2012-007. Prepared for the California Energy Commission.
- Murphy, S. 2018. "Climate Change Threatens Bird Migrations, Habitats In San Diego County." KPBS. Available: <https://www.kpbs.org/news/environment/2018/04/02/climate-change-threatens-bird-migration-habitats-s>. Accessed July 17, 2025.
- National Audubon Society. 2025. Important Bird Areas Database, Boundary Digital Data Set. Retrieved April 17, 2025.
- National Fish, Wildlife and Plants Climate Adaptation Partnership. 2012. *National Fish, Wildlife and Plants Climate Adaptation Strategy*. Association of Fish and Wildlife Agencies, Council on Environmental Quality, Great Lakes Indian Fish and Wildlife Commission, National Oceanic and Atmospheric Administration, and U.S. Fish and Wildlife Service. Washington, DC.
- National Hydrography Dataset. 2023. Hydrologic features from National Hydrography Dataset for the State of California. Available: https://prd-tnm.s3.amazonaws.com/StagedProducts/Hydrography/NHD/State/GDB/NHD_H_California_State_GDB.zip. Retrieved December 27, 2023.
- National Oceanic and Atmospheric Administration Fisheries. 2025. Essential Fish Habitat Mapper. Available: <https://www.habitat.noaa.gov/apps/efhmapper>. Retrieved August 20, 2025.
- Natural Resource Conservation Service. 2010. *Conservation Practice Standard. Riparian Forest Buffer. Code 391*. Natural Resource Conservation Service
- Natural Resources Agency. 2010 (June). *State of the State’s Wetlands – 10 Years of Challenges and Progress*. Natural Resources Agency State of California.
- NatureServe. 2025. NatureServe Explorer. Available: <https://explorer.natureserve.org/>. Retrieved April 17, 2025.

- NHD. See National Hydrography Dataset. NOAA Fisheries. See National Oceanic and Atmospheric Administration Fisheries.
- NRCS. Natural Resource Conservation Service.
- Oberbauer, T. A., and J. M. Vanderwier. 1991. "The Vegetation and Geologic Substrate Association and Its Effect on Development in Southern California." In *Environmental Perils, San Diego Region*, edited by P. L. Abbot and W. J. Elliot, 203–212. San Diego Association of Geologists.
- Oberbauer, T., M. Kelly, and J. Buegge. 2008. *Draft Vegetation Communities of San Diego County*. Based on *Preliminary Descriptions of the Terrestrial Natural Communities of California*, Robert F. Holland, PhD, October 1986. Available: http://www.co.san-diego.ca.us/dplu/docs/Veg_Comm_SD_County_2008.pdf. Accessed August 20, 2025.
- Ocean Protection Council. 2024. *State of California Sea-Level Rise Guidance*. Available: <https://opc.ca.gov/wp-content/uploads/2024/05/California-Sea-Level-Rise-Guidance-2024-508.pdf>. Accessed July 17, 2025.
- OPC. See Ocean Protection Council.
- Ordeñana, Miguel A., Kevin R. Crooks, Erin E. Boydston, Robert N. Fisher, Lisa M. Lyren, Shalene Siudyla, Christopher D. Haas, Sierra Harris, Stacie A. Hathaway, Greta M. Turschak, A. Keith Miles, Dirk H. Van Vuren. 2010 (December 16). Effects of urbanization on carnivore species distribution and richness. *Journal of Mammalogy*, Volume 91, Issue 6, 16 December 2010, Pages 1,322–1,331.
- Peck, S. 1993. *Landscape Conservation Planning: Preserving Ecosystems in Open Space Networks*. Integrated Hardwood Range Management Program, University of California Cooperative Extension, Department of Environmental Science, Policy and Management. Berkeley.
- Rebman, J. P., and M. G. Simpson. 2014. *Checklist of the Vascular Plants of San Diego County*. Fifth edition. San Diego Natural History Museum. San Diego.
- Ren, W., K. Banger, B. Tao, J. Yang, Y. Huang, and H. Tian. 2020. "Global Pattern and Change of Cropland Soil Organic Carbon During 1901–2010: Roles of Climate, Atmospheric Chemistry, Land Use and Management." *Geography and Sustainability* 1(1): 59–69.
- Riley, S. P. D. 2006. "Spatial Ecology of Bobcats and Gray Foxes in Urban and Rural Zones of a National Park." *Journal of Wildlife Management* 70(5): 1425–1435.
- Riley, S. P. D., R. M. Sauvajot, T. K. Fuller, E. C. York, D. A. Kamradt, C. Bromley, and R. K. Wayne. 2003. "Effects of Urbanization and Habitat Fragmentation on Bobcats and Coyotes in Southern California." *Conservation Biology* 17(2): 566–576.
- Riley, S. P. D., J. P. Pollinger, R. M. Sauvajot, E. C. York, C. Bromley, T. K. Fuller, and R. K. Wayne. 2006. "A Southern California Freeway Is a Physical and Social Barrier to Gene Flow in Carnivores." *Molecular Ecology* 15: 1733–1741.
- Rogers, J., E. Stein, M. Beck, and R. Ambrose. 2020. "The Impact of Climate Change Induced Alterations of Streamflow and Stream Temperature on the Distribution of Riparian Species." *PLOS One* 15(11): e0242682
- SANDAG. See San Diego Association of Governments.
- San Diego Association of Governments. 2003 (March). *Final Multiple Habitat Conservation Program Plan – Volume I*. March. Available: <https://www.sandag.org/-/media/SANDAG/Documents/PDF/projects-and-programs/environment/regional-habitat-conservation/volume-1-final-multiple-habitat-conservation-program-plan-2003-03-01.pdf>. Accessed August 20, 2025.
- . 2025. *Transnet Environmental Mitigation Program*. Available: <https://www.sandag.org/projects-and-programs/environment/regional-habitat-conservation/transnet-environmental-mitigation-program>. Accessed August 20, 2025.

- San Diego County Regional Airport Authority. 2008 (April). *Final Environmental Impact Report: Airport Master Plan San Diego International Airport*. SDCRAA # EOR=06-01. State Clearinghouse No. 2005091105.
- San Diego County Water Authority. 2010 (October). *San Diego County Water Authority Subregional Natural Community Conservation Plan/Habitat Conservation Plan (NCCP/HCP)*. Prepared by RECON Environmental.
- . 2011 (September 28). *Implementing Agreement for the San Diego County Water Authority Natural Community Conservation Plan/Habitat Conservation Plan*. By and between San Diego County Water Authority, United States Fish and Wildlife Service, and California Department of Fish and Game.
- San Diego Gas and Electric. 1995 (December 18). *San Diego Gas & Electric Company Subregional Natural Community Conservation Plan Implementing Agreement/CESA Memorandum of Understanding*. Entered into by and among the United States Fish and Wildlife Service, the California Department of Fish and Game, and San Diego Gas & Electric Company.
- San Diego Geographic Information Source. 2025a. Points and polygons (SANBIOS) for a catalog of species observations for the County of San Diego. Available:
<https://geo.sandag.org/portal/apps/experiencebuilder/experience/?id=fad9e9c038c84f799b5378e4cc3ed068&page=Home>. Retrieved April 3, 2025.
- . 2025b. The City of San Diego Multi-Habitat Area (MHPA). Available:
<https://geo.sandag.org/portal/apps/experiencebuilder/experience/?id=fad9e9c038c84f799b5378e4cc3ed068&page=Home>. Accessed June 23, 2025.
- San Diego Management and Monitoring Program. 2017. *Management and Monitoring Strategic Plan for Conserved Lands in Western San Diego County: A Strategic Habitat Conservation Roadmap*. Prepared for the San Diego Association of Governments by SDMMMP and The Nature Conservancy.
- . 2020. *PAMA Lands for MSCP, MHCP, and Draft North County Plan*. Available:
<https://geo.sandag.org/portal/apps/experiencebuilder/experience/?id=fad9e9c038c84f799b5378e4cc3ed068&page=Home>. Retrieved June 23, 2025.
- . 2021. Vegetation Map 2021. Available:
https://sdmmp.com/view_article.php?cid=SDMMP_CID_71_60904b2f1a54e. Retrieved February 11, 2025.
- . 2024. Conserved Lands San Diego 2024. Available:
https://sdmmp.com/view_article.php?cid=SDMMP_CID_71_6603419c92f44. Retrieved March 20, 2025.
- . 2025. Email received from Emily Perkins of San Diego Management and Monitoring Program (SDMMMP), U.S. Geological Survey, Western Ecological Research Center, regarding Sensitive plants and animals for County of San Diego to Phi V. Ngo of Ascent in March of 2025.
- San Diego Unified Port District. 2024 (June 17). *Port Master Plan Update Project*. UPD #EIR-2017-035. State Clearinghouse No. 2017031070. San Diego Unified Port District Document No. 76466.
- SANGIS. See San Diego Geographic Information Source.
- SCAG. See Southern California Association of Governments.
- Schaefer, J., F. J. Mazzotti, and C. Huegel. 2003. *Highways and Wildlife: Problems and Solutions*. IFAS WEC-172.
- SCW. See South Coast Wildlands.
- SDCRAA. See San Diego County Regional Airport Authority.
- SDCWA. See San Diego County Water Authority.
- SDG&E. See San Diego Gas and Electric.
- SDMMMP. See San Diego Management and Monitoring Program.

- Seavy, N. E., T. Gardali, G. H. Golet, F. T. Griggs, C. A. Howell, R. Kelsey, S. I. Small, J. H. Viers, and J. F. Weigand. 2009 (September). "Why Climate Change Makes Riparian Restoration More Important than Ever: Recommendations for Practice and Research." *Ecological Restoration* 27(3).
- Spencer, W. D., P. Beier, K. Penrod, K. Winters, C. Paulman, H. Rustigian-Romsos, J. Strittholt, M. Parisi, and A. Pettler. 2010. *California Essential Habitat Connectivity Project: A Strategy for Conserving a Connected California*. Prepared for California Department of Transportation, California Department of Fish and Game, and Federal Highways Administration.
- Sproul, F. T., T. Keeler-Wolf, P. Gordon-Reedy, J. Dunn, A. Klein, and K. Harper. 2011. *Vegetation Classification Manual for Western San Diego County (First)*. San Diego, CA.
- South Coast Wildlands. 2008. *South Coast Missing Linkages: A Wildland Network for the South Coast Ecoregion*. Available: <http://www.scwildlands.org/reports/scmlregionalreport.pdf>. Accessed August 20, 2025.
- Southern California Association of Governments. 2024. *Final Program Environmental Impact Report For Connect SoCal 2024 (2024–2050 Regional Transportation Plan/Sustainable Communities Strategy)*. Available: <https://scag.ca.gov/peir>. Accessed January 22, 2025.
- State Water Resources Control Board. 2019. *Staff Report: State Wetland Definition and Procedures for Discharges of Dredged or Fill Material to Waters of the State*. State Clearinghouse No. 2011012009. Available: https://www.waterboards.ca.gov/water_issues/programs/cwa401/docs/staffrpt_conformed.pdf. Accessed August 20, 2025.
- . 2020 (May 28). *California Water Board Wetlands Policy: State Wetland Definition and Procedures for Discharges of Dredged or Fill Material to Waters of the State (Procedures)*.
- . 2021. *State Policy for Water Quality Control: State Wetland Definition and Procedures for Discharges of Dredged or Fill Material to Waters of the State*. State Water Resources Control Board. Adopted April 2, 2019, revised April 6, 2021.
- Stein, B. A., L. S. Kutner, and J. S. Adams. 2000. *Precious Heritage: The Status of Biodiversity in the United States*. Oxford University Press.
- Sutton-Grier, A. E. and A. Moore. 2016. "Leveraging Carbon Services of Coastal Ecosystems for Habitat Protection and Restoration." *Coastal Management* 44(3): 259–277.
- Sutula, M., J. N. Collins, R. Clark, C. Roberts, E. Stein, C. Grosso, A. Wiskind, C. Solek, M. May, K. O'Connor, E. Fetscher, J. L. Grenier, S. Pearce, A. Robinson, C. Clark, K. Rey, S. Morrisette, A. Eicher, R. Pasquinnelli, and K. Ritter. 2008. *California's Wetland Demonstration Program Pilot – A Final Project Report to the California Resources Agency*. Technical Report 572. Southern California Coastal Water Research Project. Costa Mesa, CA.
- Thorne, K., G. MacDonald, F. Chavez, and P. Barnard. 2024. "Significant Challenges to the Sustainability of the California Coast Considering Climate Change." *PNAS* 121 (32): e2310077121.
- Tigas, L. A., D. H. Van Vuren, and R. M. Sauvajot. 2002. "Behavioral Responses of Bobcats and Coyotes to Habitat Fragmentation and Corridors in an Urban Environment." *Biological Conservation* 108: 299–306.
- Trombulak, S. C., and C. A. Frissell. 2000. "Review of Ecological Effects of Roads on Terrestrial and Aquatic Communities." *Conservation Biology* 14: 18–30.
- USACE and EPA. See U.S. Army Corps of Engineers and U.S. Environmental Protection Agency.
- U.S. Army Corps of Engineers and U.S. Environmental Protection Agency. 2023 (September 8). "Revised Definition of "Waters of the United States"; Conforming." Final Rule. *Federal Register* 88: 61964.
- U.S. Navy. n.d. Navy's 70+ Acre Old Town Campus Revitalization Moves Forward. Available: <https://navwar-revitalization.com/development/>. Accessed August 20, 2025.

- U.S. Fish and Wildlife Service. 2010. *Coastal California Gnatcatcher 5-Year Review: Summary and Evaluation*. Prepared by the Carlsbad Fish and Wildlife Office, Carlsbad, California.
- . 2016. USDA Ecoregion Sections. Remote Sensing Lab, California. Pacific Southwest Region. Available: <https://databasin.org/datasets/81a3a809a2ae4c099f2e495c0b2ecc91/>. Retrieved April 24, 2025.
- . 2017. *Native Endangered & Threatened Species Habitat Conservation Plan Endangered & Threatened Wildlife, Permit Number TE26660C-O*. Issuing Office: Department of the Interior U.S. Fish and Wildlife Service Endangered Species Permit Office. Permittee: San Diego Gas and Electric Company. Effective date March 15, 2017.
- . 2021. *Otay Tarplant (Deinandra conjugens) 5-Year Review: Summary and Evaluation*. Prepared by the Carlsbad Fish and Wildlife Office, Carlsbad, CA.
- . 2024. Multiple species occurrences within jurisdiction of the Carlsbad Fish and Wildlife Office. <https://www.fws.gov/media/gis-species-occurrence-data-updated-august-2024>. Accessed November 19, 2024.
- . 2025a. National Wetland Inventory database for the State of California. Available: <https://www.fws.gov/program/national-wetlands-inventory/data-download>. Retrieved January 14, 2025.
- . 2025b. FWS HQ ES Critical Habitat. Available: <https://fws.maps.arcgis.com/home/item.html?id=794de45b9d774d21aed3bf9b5313ee24>. Retrieved February 14, 2025.
- U.S. Fish and Wildlife Service and National Oceanic and Atmospheric Administration. 2025 (April 17). "Rescinding the Definition of 'Harm' Under the Endangered Species Act." Proposed Rule. *Federal Register*, 90: 16102.
- USFWS. See U.S. Fish and Wildlife Service.
- USFWS and NOAA. See U.S. Fish and Wildlife Service and National Oceanic and Atmospheric Administration.
- U.S. Geologic Survey. 2025. National Hydrology. National Hydrography Dataset. U.S. Geological Survey in cooperation with U.S. Environmental Protection Agency, USDA Forest Service, and other Federal, State and local partners. Available: <https://apps.nationalmap.gov/downloader/#/>. Retrieved August 20, 2025.
- USGS. See U.S. Geological Survey.
- Windham-Myers, L., W.-J. Cai, S.R. Alin, A. Andersson, J. Crosswell, K. H. Dunton, J. M. Hernandez-Ayon, M. Herrmann, A. L. Hinson, C. S. Hopkinson, J. Howard, X. Hu, S. H. Knox, K. Kroeger, D. Lagomasino, P. Megonigal, R. G. Najjar, M.-L. Paulsen, D. Peteet, E. Pidgeon, K. V. R. Schäfer, M. Tzortziou, Z.A. Wang, and E. B. Watson. 2018. "Chapter 15: Tidal Wetlands and Estuaries." In *Second State of the Carbon Cycle Report (SOCCR2): A Sustained Assessment Report*, edited by N. Cavallaro, G. Shrestha, R. Birdsey, M. A. Mayes, R. G. Najjar, S. C. Reed, P. Romero-Lankao, and Z. Zhu, 596–658. U.S. Global Change Research Program. Available: https://www.researchgate.net/publication/329197423_Second_State_of_the_Carbon_Cycle_Report_Chapter_15_Tidal_wetlands_and_estuaries. Accessed August 20, 2025.
- Witter, M., R. S. Taylor, and S. Davis. 2007. "Vegetation Response to Wildfire and fire History in the Santa Monica Mountains., California." In *Flora and Ecology of the Santa Monica Mountains: Proceedings of the 32nd Annual Southern California Botanists Symposium*.

Section 4.5 Cultural Resources

- Akins, D. B., and W. J. Bauer. 2021. *We Are the Land: A History of Native California*. University of California Press, Oakland.
- Bean, L. J., and F. C. Shipek. 1978. "Luiseno." In *California. Handbook of North American Indians, Vol. 8*, edited by Robert F. Heizer, 550–563. Smithsonian Institution. Washington, DC.

- Byrd, B. F., and L. M. Raab. 2007. "Prehistory of the Southern Bight: Models for a New Millennium." In *California Prehistory: Colonization, Culture, and Complexity*, edited by L. Jones and K. A. Klar, 215–227. Altamira Press. Lanham, MD.
- Byrd, B. F., and S. N. Reddy. 2002. "Late Holocene Adaptations along the Northern San Diego Coast: New Perspectives on Old Paradigms." In *Catalysts to Complexity: Late Holocene Societies on the California Coast: Perspectives in California Archaeology No. 6*, edited by J. M. Erlandson and T. L. Jones, 40–42. University of California. Los Angeles.
- California Department of Transportation. 2021. *California-Baja California Border Master Plan*. Available: <https://www.calibajabmp.org/reports>. Accessed April 15, 2025.
- California High Speed Rail Authority. 2005. *Program Environmental Impact Report/Environmental Impact Statement for the Proposed California High-Speed Train System*. Available: <https://hsr.ca.gov/programs/environmental-planning/program-eir-eis-documents-for-the-statewide-high-speed-rail-system-tier-1/final-program-environmental-impact-report-environmental-impact-statement-eir-eis-for-the-proposed-california-high-speed-train-system-2005/>. Accessed May 30, 2025.
- California Nations Indian Gaming Association. 2012. *Economic Impact Study: Tribal Gaming a Powerful Economic Engine for California Generating 7.5 Billion for State's Economy*. Available: https://cniga.com/press_releases/economic-impact-study-tribal-gaming-a-powerful-economic-engine-for-california-generating-7-5-billion-for-states-economy/. Accessed June 26, 2025.
- California Native American Heritage Commission. 2016. Native American Heritage Commission Tribal Consultation Policy. Available: <https://nahc.ca.gov/wp-content/uploads/2020/09/Signed-NAHC-Tribal-Consultation-Policy.pdf>. Accessed June 26, 2025.
- . 2020. Digital Atlas of California Native Americans. Available: <https://nahc.ca.gov/cp/>. Accessed June 26, 2025.
- California State Parks. n.d.-a *Context Statement Scope*. California Office of Historic Preservation. <https://ohp.parks.ca.gov/pages/1054/files/Context-Statement-Scope.pdf>. Accessed June 26, 2025.
- . n.d.-b. California Historical Landmarks Registration. California Office of Historic Preservation. Available: https://ohp.parks.ca.gov/?page_id=21747. Accessed August 7, 2025.
- . n.d.-c. California Points of Historical Interest. California Office of Historic Preservation. Available: https://ohp.parks.ca.gov/?page_id=21750. Accessed August 7, 2025.
- . n.d.-d. California Historical Resources. California Office of Historic Preservation. Available: <https://ohp.parks.ca.gov/listedresources/>. Accessed August 7, 2025.
- . n.d.-e. National Register of Historic Places. California Office of Historic Preservation. Available: https://ohp.parks.ca.gov/?page_id=21237. Accessed August 7, 2025.
- Carrico, R. 2008. *Strangers in a Stolen Land: Indians of San Diego County from Prehistory to the New Deal*. Sunbelt Publications, San Diego.
- Champagne, D., and C. Goldberg. 2021. *A Coalition of Lineages: The Fernandeano Tataviam Band of Mission Indians*. University of Arizona Press, Tucson.
- City of San Diego. n.d. North City Pure Water Facility and Pump Station. Available: <https://www.sandiego.gov/public-utilities/sustainability/pure-water-sd/phase-1-projects/university-city-eastgate-mall/north-city-pure-water-facility-and-pump-station>. Accessed April 24, 2025.
- CNIGA. See California Nations Indian Gaming Association.
- Cook, S. F. 1976. *The Population of the California Indians 1769-1970*. University of California Press. Berkeley.

- County of San Diego. 2011 (August). *County of San Diego General Plan Update EIR*. Available: www.sandiegocounty.gov/content/sdc/pds/gpupdate/environmental.html. Accessed May 30, 2025.
- Dana, R. H. 1995. *Two Years Before the Mast: A Personal Narrative of Life at Sea*. Reader's Digest Association. Pleasantville, NY.
- Dunmire, W. W. 2004. *Gardens of New Spain: How Mediterranean Plants and Food Changed America*. University of Texas Press. Austin, TX.
- Engstrand, I. W., and R. Brandes. 1976. *Old Town San Diego, 1821–1874: A Brief History and Descriptive Guide to Historic Sites*. Alcalá Press. San Diego.
- Erlandson, J. M., T. C. Rick, T. L. Jones, and J. F. Porcasi. 2007. "One if by Land, Two if by Sea: Who Were the First Californians?" In *California Prehistory: Colonization, Culture, and Complexity*, edited by L. Jones and K. A. Klar, 53–62. Altamira Press. Lanham, MD.
- Ford, L. R. 2005. *America's New Downtowns: Revitalization or Reinvention?* Johns Hopkins University Press. Baltimore, MD.
- Gallegos, D. 1985. "Batiquitos Lagoon Revisited." *Cultural Resource Management Casual Papers* 2 (1): 1–13.
- Hackel, S. W. 2005. *Children of Coyote, Missionaries of Saint Francis: Indian-Spanish Relations in Colonial California, 1769–1850*. Published for the Omohundro Institute of Early American History and Culture, Williamsburg, VI. University of North Carolina Press, Chapel Hill.
- Hoover, M. B., H. E. Rensch, E. G. Rensch, and W. N. Abeloe. 2002. *Historic Spots in California*. Fifth edition. Revised by D. E. Kyle. Stanford University Press. Stanford, CA. Originally published in 1932.
- HSRA. See California High Speed Rail Authority.
- Inkpen, R. 2004. *Atmospheric Pollution, Climate Change and Historic Buildings*. Available: <http://www.buildingconservation.com/articles/atmospheric/atmospheric.htm>. Accessed May 30, 2025.
- Johnson, J. R., and D. Crawford. 1999. "Contributions to Luiseno Ethnohistory Based on Mission Register Research." *Pacific Coast Archaeological Society Quarterly* 35 (4).
- Jones, D. S. 2015. "Death, Uncertainty, and Rhetoric." In *Beyond Germs: Native Depopulation in North America*, edited by Catherine M. Cameron, P. Kelton, and A. C. Swedlund, 1649. University of Arizona Press. Tucson.
- Jones, T. L., A. W. Schwitalla, M. A. Pilloud, J. R. Johnson, R. R. Paine, and B. F. Coddington. 2021. "Historic and Bioarchaeological Evidence Supports Late Onset of Post-Columbian Epidemics in Native California." *Proceedings of the National Academy of Sciences* 118(28): e2024802118. Available: <https://doi.org/10.1073/pnas.2024802118>. Accessed June 2025.
- Kroeber, A. L. 1925. "Handbook of Indians of California." *Bureau of American Ethnology Bulletin* 78. Smithsonian Institution. Washington, DC.
- Lennox, Jamie. 2025, personal communication, South Coastal Information Center, San Diego State University. January 22, 2025—Email to with Evelyn Chandler, archaeologist with Bargas Consulting.
- Lightfoot, K. G. 2005. *Indians, Missionaries, and Merchants: The Legacy of Colonial Encounters on the California Frontiers*. University of California Press. Berkeley.
- Luomala, K. 1978. "Tipai-Ipai." In *California. Handbook of North American Indians, Vol. 8*, edited by R. F. Heizer, 492–609. Smithsonian Institution. Washington, DC.
- Madley, B. 2016. *American Genocide: The United States and the California Indian Catastrophe*. Yale University Press, New Haven, CT.

- Masters, P. M., and I. W. Aiello. 2007. "Postglacial Evolution of Coastal Environments." In *California Prehistory: Colonization, Culture, and Complexity*, edited by T. L. Jones and K. A. Klar, 35–51. AltaMira Press. Lanham, MD.
- Masters, P. M., and D. R. Gallegos. 1997. "Environmental Change and Coastal Adaptations in San Diego County during the Middle Holocene." In *Archaeology of the California Coast during the Middle Holocene. Perspectives in California Archaeology No. 4.*, edited by L. Jones and K. A. Klar, 11–21. Institute of Archaeology, University of California. Los Angeles.
- Mayer, R. 1978. *San Diego: A Chronological & Documentary History, 1535–1976, American Cities Chronology Series.* Oceana Publications. Dobbs Ferry, NY.
- McKeever, M. 1985. *A Short History of San Diego.* First edition. Lexikos Publishing. San Francisco.
- Mills, J. R. 1960. "San Diego: Where California Began." *San Diego History Center Quarterly* VI(1).
- NAHC. See California Native American Heritage Commission.
- National Park Service. 1997. "How to Apply the National Register Criteria for Evaluation." *National Register Bulletin No. 15.* Government Printing Office. Washington, DC. Available: https://www.nps.gov/subjects/nationalregister/upload/NRB-15_web508.pdf. Accessed April 10, 2025.
- . 2023. *Historic American Buildings Survey: Guidelines for Historical Reports.* Available: https://www.nps.gov/subjects/heritagedocumentation/upload/HABS-Guidelines-Historical-Reports_508.pdf. Accessed April 11, 2025.
- National Register of Historic Places. 2025a. Spreadsheet of NRHP List (Listings up to July 2024). Available: <https://www.nps.gov/subjects/nationalregister/data-downloads.htm>. Accessed April 11, 2025.
- . 2025b. Spreadsheet of National Historic Landmarks (Designations up to July 2024). Available: <https://www.nps.gov/subjects/nationalregister/data-downloads.htm>. Accessed April 11, 2025.
- Newland, J. D. 1992. *The Americanization of the Cultural Landscape of Frontier San Diego 1846–1872.* Master's thesis. San Diego State University.
- NRHP. See National Register of Historic Places.
- Pourade, R. F. 1961. *The History of San Diego: Time of the Bells.* Union-Tribune Publishing Company. San Diego, CA.
- . 1963. *The History of San Diego: The Silver Dons.* Union-Tribune Publishing Company. San Diego, CA.
- Pryde, P. R. 1992. *San Diego: An Introduction to the Region.* Third edition. Kendall/Hunt Publishing Company. Dubuque, IA.
- Rolle, A. 1956. *An American in California: The Biography of William Heath Davis, 1822–1909.* The Huntington Library Press.
- San Diego County Regional Airport Authority. 2020. *Airport Development Plan Final Environmental Impact Report.* Available: <https://www.san.org/Airport-Projects/Environmental-Affairs#1245314-adp-final-eir>. Accessed May 30, 2025.
- San Diego Integrated Regional Water Management. 2013. *San Diego IRWM Tribal Engagement and Cultural Resources Report.* Available: <http://www.sdirwmp.org/>. Accessed May 30, 2025.
- San Diego State University. 2024. *Tribal Programs, Initiative and Collaborations.* Division of Student Affairs and Campus Diversity. Available: <http://www.sdirwmp.org/>. Accessed June 26, 2025.
- SCAG. See Southern California Association of Governments.
- SCIC. See South Coastal Information Center.

- Scott, E. R. 1976. *San Diego County Soldier-Pioneers, 1846–1866*. County of San Diego. National City, CA.
- SDCRAA. See San Diego County Regional Airport Authority.
- Shipek, F. C. 1988. *Pushed into the Rocks*. University of Nebraska Press. Lincoln, NB.
- Southern California Association of Governments. 2024. *2024-2050 Regional Transportation Plan/Sustainable Communities Strategy Final Program Impact Report*. Available: <https://scag.ca.gov/program-environmental-impact-report-0>. Accessed May 30, 2025.
- Starr, K. 2005. *California: A History*. Modern Library. New York.
- True, D. L., and R. Pankey. 1985. "Radiocarbon Dates for the Pauma Complex Component at the Pankey Site, Northern San Diego County, California." *Journal of California and Great Basin Anthropology* 7: 240–244.
- True, D. L., and G. Waugh. 1982. "Proposed Settlement Shifts during San Luis Rey Times: Northern San Diego County, California." *Journal of California and Great Basin Anthropology* 4: 34–54.
- U.S. Department of the Navy. 2020. *Final Environmental Impact Statement for the Navy Old Town Campus Revitalization*. Prepared by Naval Facilities Engineering Command Southwest. Available: <https://navwar-revitalization.com/draft-eis/>. Accessed July 8, 2025.
- Warren, C. N. 1964. Cultural Change and Continuity on the San Diego Coast. Unpublished PhD dissertation. Department of Anthropology, University of California. Los Angeles.
- . 1968. "Cultural Tradition and Ecological Adaptation on the Southern California Coast." *Archaic Prehistory in the Western United States. Eastern New Mexico University Contributions in Anthropology* 1 (3).
- Warren, C. N., D. L. True, and A. A. Eudey. 1961. "Early Gathering Complexes of Western San Diego County: Results and Interpretations of an Archaeological Survey." *University of California, Los Angeles, Archaeological Survey Annual Report 1960–1961*: 1–106.

Section 4.6 Energy

- Bedsworth, L., D. Cayan, G. Franco, L. Fisher, and S. Ziaja. 2018. *California's Fourth Climate Change Assessment: State Summary Report*. Available: https://www.energy.ca.gov/sites/default/files/2019-11/Statewide_Reports-SUM-CCCA4-2018-013_Statewide_Summary_Report_ADA.pdf. Accessed July 27, 2025.
- BLM. See U.S. Bureau of Land Management.
- California Air Resources Board. 2008. *Final Scoping Plan*. Available: https://ww3.arb.ca.gov/cc/scopingplan/document/adopted_scoping_plan.pdf. Accessed June 20, 2025.
- . 2020. Press Release: California takes bold step to reduce truck pollution. Available: <https://ww2.arb.ca.gov/news/california-takes-bold-step-reduce-truck-pollution>. Accessed June 20, 2025.
- . 2021. Governor Newsom's Zero-Emission by 2035 Executive Order (N-79-20). Available: <https://ww2.arb.ca.gov/resources/fact-sheets/governor-newsoms-zero-emission-2035-executive-order-n-79-20>. Accessed April 17, 2025.
- . 2022a. *2022 Scoping Plan for Achieving Carbon Neutrality*. Available: <https://ww2.arb.ca.gov/our-work/programs/ab-32-climate-change-scoping-plan/2022-scoping-plan-documents>. Accessed February 24, 2025.
- . 2022b. *2022 Progress Report: California's Sustainable Communities and Climate Protection Act*. Available: <https://ww2.arb.ca.gov/sites/default/files/2023-05/2022%20SB%20150%20CA%20Sustainable%20Communities%20Report%20ADA.pdf>. Accessed April 17, 2025.

- . 2025a. CARB Receives Direction on Finalizing Low Carbon Fuel Standard Amendments. Available: <https://ww2.arb.ca.gov/news/carb-receives-direction-finalizing-low-carbon-fuel-standard-amendments#:~:text=On%20November%208%2C%202024%2C%20the,of%20zero%2Dmission%20infrastructure%20and>. Accessed April 17, 2025.
- . 2025b. Notice to the U.S. Environmental Protection Agency of California Air Resources Board's Withdrawal of the Advanced Clean Fleets Waiver Request. Available: <https://www.epa.gov/system/files/documents/2025-01/ca-acf-carb-withdrawal-ltr-2025-1-13.pdf>. Accessed March 17, 2025.
- . 2025c. Advanced Clean Fleets Regulation information webpage. Available: <https://ww2.arb.ca.gov/our-work/programs/advanced-clean-fleets>. Accessed March 17, 2025. California Energy Commission. 2025. *2024-2025 Investment Plan Update for Clean Transportation Program Commission Report*. Available: <https://efiling.energy.ca.gov/GetDocument.aspx?tn=261539>. Accessed March 17, 2025.
- California Department of Fish and Wildlife. 2025. Cobalt Solar Project. Available: <https://ceqanet.lci.ca.gov/2018031027/11>. Accessed July 24, 2025.
- California Energy Commission. 2018. Pio Pico Energy Center. Available: <https://www.energy.ca.gov/powerplant/simple-cycle/pio-pico-energy-center>. Accessed July 24, 2025.
- . 2021. *2022 Building Energy Efficiency Standards Summary*. Available: https://www.energy.ca.gov/sites/default/files/2021-08/CEC_2022_EnergyCodeUpdateSummary_ADA.pdf. Accessed March 17, 2025.
- . 2024a. *Commission Final Report*. California Energy Demand 2024-2040 Revised Forecast. CEC-200-2024-001-CMF. Available: <https://www.energy.ca.gov/publications/2024/2024-integrated-energy-policy-report-update>. Accessed June 15, 2025.
- . 2024b. SDG&E Power Content Label. Available: [2022_PCL_San_Diego_Gas_&_Electric_ADA.pdf](https://www.energy.ca.gov/sites/default/files/2024-02/2022_PCL_San_Diego_Gas_&_Electric_ADA.pdf). Accessed February 10, 2025.
- . 2024c. 2023 California Annual Retail Fuel Outlet Report Results. Available: <https://www.energy.ca.gov/media/3874>. Accessed June 16, 2025.
- . 2024d. *2023 Integrated Energy Policy Report*. Available: <https://www.energy.ca.gov/data-reports/reports/integrated-energy-policy-report-iepr/2023-integrated-energy-policy-report>. Accessed June 16, 2025.
- . 2024e. Energy Commission Adopts Updated Building Standards Expanding Requirements for Heat Pumps and Electric-Ready Buildings. Available: <https://www.energy.ca.gov/news/2024-09/energy-commission-adopts-updated-building-standards-expanding-requirements-heat>. Accessed March 17, 2025.
- . 2024f. Black Rock Geothermal Project. Available: <https://www.energy.ca.gov/powerplant/steam-turbine/black-rock-geothermal-project-brgp>. Accessed July 24, 2025.
- . 2025a. Electricity Consumption by County. Available: <https://ecdms.energy.ca.gov/elecbycounty.aspx>. Accessed February 10, 2025.
- . 2025b. Gas Consumption by County. Available: <https://ecdms.energy.ca.gov/gasbycounty.aspx>. Accessed February 10, 2025.
- California High-Speed Rail Authority. 2005. *Program EIR/EIS Documents for the Statewide High-Speed Rail System*. Available: <https://hsr.ca.gov/programs/environmental-planning/program-eir-eis-documents-for-the-statewide-high-speed-rail-system-tier-1/final-program-environmental-impact-report-environmental-impact-statement-eir-eis-for-the-proposed-california-high-speed-train-system-2005/>. Accessed June 20, 2025.

CARB. See California Air Resources Board.

CDFW. See California Department of Fish and Wildlife.

CEA. See Clean Energy Alliance.

CEC. See California Energy Commission.

City of Carlsbad. 2024 (November). *City of Carlsbad Climate Action Plan Update*. Available: <https://www.carlsbadca.gov/home/showpublisheddocument/19484/638717809348600000>. Accessed June 3, 2025.

City of Chula Vista. 2017. *Climate Action Plan*. Adopted by City Council in September 2017. Available: <https://www.chulavistaca.gov/home/showpublisheddocument/15586/636428706054030000>. Accessed June 3, 2025.

City of Coronado. 2022 (March). *City of Coronado Climate Action Plan*. Available: <https://commentcoronado.org/7712/widgets/23394/documents/29172>. Accessed June 3, 2025.

City of Del Mar. 2016. *Climate Action Plan*. Available: <https://www.delmar.ca.us/DocumentCenter/View/6101>. Accessed June 3, 2025.

City of El Cajon. 2020. *El Cajon Sustainability Initiative: Policies to Reduce Greenhouse Gas Emissions*. Available: https://destinyhosted.com/agenda_publish.cfm?id=35225&mt=ALL&fp=swagit&get_month=8&get_year=2021&dsp=agm&seq=992&rev=0&ag=88&ln=4266&nseq=998&nrev=0&pseq=994&prev=0#. Accessed June 3, 2025.

City of Encinitas. 2020. *Climate Action Plan January 2018 Interim Revision November 2020*. Available: <https://www.encinitasca.gov/home/showpublisheddocument/1698/637999947050530000>. Accessed June 11, 2025.

City of Escondido. 2021 (March). *Final 2021 Climate Action Plan*. Available: <https://www.escondido.gov/DocumentCenter/View/2226/Full-Document-PDF>. Accessed June 3, 2025.

City of Imperial Beach. 2019. *Final Draft Local Coastal Program Resilient Imperial Beach Climate Action Plan*. Available: <https://ca-imperialbeach.civicplus.com/DocumentCenter/View/410/Approved-Climate-Action-Plan---Resolution-2019-8054-PDF>. Accessed June 3, 2025.

City of La Mesa. 2024 (November). *City of La Mesa Climate Action Plan Update*. Available: <https://www.cityoflamesa.us/DocumentCenter/View/23700/Climate-Action-Plan-Update-Nov-2024>. Accessed June 3, 2025.

City of Lemon Grove. 2020 (January). *Climate Action Plan*. Available: https://www.lemongrove.ca.gov/media/vesngpxc/lg-cap_combined-2020-01-13.pdf. Accessed June 3, 2025.

City of National City. 2011 (May). *Climate Action Plan*. Available: https://www.ca-ilg.org/sites/main/files/file-attachments/climate_action_plan.pdf?1472518681. Accessed June 3, 2025.

City of Oceanside. 2019. *Climate Action Plan*. Available: <https://www.ci.oceanside.ca.us/civicax/filebank/blobdload.aspx?blobid=48919>. Accessed May 19, 2021.

City of San Diego. 2018. *North City Project Pure Water San Diego Program Final EIR*. Available: https://www.sandiego.gov/sites/default/files/north_city_project_final_eir-eis-_part_1.pdf. Accessed June 20, 2025.

City of San Marcos. 2020. *Final Climate Action Plan*. Available: <https://www.san-marcos.net/home/showpublisheddocument/25084/637435406644270000>. Accessed June 3, 2025.

- City of Santee. 2019 (December). *Sustainable Santee Plan*. Available: <https://www.cityofsantee.ca.gov/documents/planning-building/sustainable-santee-plan.pdf>. Accessed June 3, 2025.
- City of Solana Beach. 2024. *Climate Action Plan*. Available: https://www.cityofsolanabeach.org/sites/default/files/Solana%20Beach/Environmental%20Sustainability/SolanaBeachCAP.Final_10.29.24.pdf. Accessed June 3, 2025.
- City of Vista. 2021 (October). *Climate Action Plan*. Available: <https://www.cityofvista.com/home/showpublisheddocument/24574/637699911232170000>. Accessed June 3, 2025.
- Clean Energy Alliance. 2025. *Background*. Available: <https://thecleanenergyalliance.org/background/>. Accessed March 13, 2025.
- DOI. See U.S. Department of the Interior.
- EPA. See U.S. Environmental Protection Agency.
- Governor's Office of Planning and Research, California Energy Commission, and California Natural Resources Agency. 2018. *California's Fourth Climate Change Assessment Statewide Summary Report*. Available: https://www.energy.ca.gov/sites/default/files/2019-11/Statewide_Reports-SUM-CCCA4-2018-013_Statewide_Summary_Report_ADA.pdf. Accessed April 17, 2025.
- HSRA. See California High-Speed Rail Authority.
- Kalansky, J., D. Cayan, K. Barba, L. Walsh, K. Brouwer, and D. Boudreau. 2018. *California's Fourth Climate Change Assessment: San Diego Region Report*. Available: https://www.energy.ca.gov/sites/default/files/2019-11/Reg_Report-SUM-CCCA4-2018-009_SanDiego_ADA.pdf. Accessed July 26, 2025.
- Kennedy, R. 2023. "California's Electricity Duck Curve Is Deepening." *PV magazine*. Available: <https://pv-magazine-usa.com/2023/07/05/californias-electricity-duck-curve-is-deepening/#:~:text=The%20phenomenon%20of%20the%20E2%80%9Cduck%20curve%E2%80%9D%20i,s,and%20valleys%20of%20this%20mismatch%20throughout%20a>. Accessed July 28, 2025.
- OPR et al. See Governor's Office of Planning and Research, California Energy Commission, and California Natural Resources Agency.
- National Highway Traffic Safety Administration. 2024. USDOT Finalizes New Fuel Economy Standards for Model Years 2027-2031. Available: <https://www.nhtsa.gov/press-releases/new-fuel-economy-standards-model-years-2027-2031>. Accessed February 25, 2025.
- Navy. See U.S. Department of the Navy.
- NHTSA. See National Highway Traffic Safety Administration.
- OPR. See Governor's Office of Planning and Research.
- Pesantez, G., G. E. Wackerman, and A. S. Stillwell. 2023. *Analysis of single- and multi-family residential electricity consumption in a large urban environment: Evidence from Chicago, IL*. Available: <https://doi.org/10.1016/j.scs.2022.104250>. Accessed June 15, 2025.
- Port of San Diego. 2013. *Port of San Diego Climate Action Plan*. Available: <https://pantheonstorage.blob.core.windows.net/environment/Port-of-San-Diego-Climate-Action-Plan.pdf>. Accessed June 3, 2025.
- SANDAG. See San Diego Association of Governments.
- San Diego Association of Governments. 2014. *Regional Energy Strategy for the San Diego Region*. Available: <https://www.sandag.org/-/media/SANDAG/Documents/PDF/projects-and->

- programs/environment/regional-energy-planning/regional-energy-strategy-2014-06-01.pdf. Accessed April 17, 2025.
- . 2024 (March). *San Diego Regional Priority Climate Action Plan*. Available: <https://www.sandag.org/-/media/SANDAG/Documents/PDF/projects-and-programs/environment/climate/priority-climate-action-plan/pcap-san-diego-regional-pcap-2024.pdf>. Accessed March 13, 2025.
- . 2022. *Climate Action Plan*. Available: https://www.sandiego.gov/sites/default/files/san_diegos_2022_climate_action_plan_0.pdf. Accessed June 3, 2025.
- San Diego Community Power. 2025. About. Available: <https://sdcommunitypower.org/about/about-sdcp/>. Accessed February 24, 2025.
- San Diego Gas & Electric. 2025. Our company. Available: <https://www.sdge.com/more-information/our-company#:~:text=SDG&E%20is%20a%20regulated%20public,Diego%20and%20southern%20Orange%20counties>. Accessed March 13, 2025.
- San Diego Regional Airport Authority. 2020. *Sustainability Management Program*. Available: https://www.san.org/Portals/0/Documents/Environmental/2020_SAN_SMP_Summary.pdf?ver=2020-09-04-095753-707. Accessed June 3, 2025.
- SDCP. See San Diego Community Power.
- SDG&E. See San Diego Gas & Electric.
- SCAG. See Southern California Association of Governments.
- Southern California Association of Governments. 2024. *Program Environmental Impact Report for the Connect SoCal (2024-2050 Regional Transportation Plan/Sustainable Communities Strategy) 2024*. Available: <https://scag.ca.gov/peir>. Accessed January 2025.
- United Nations. 2015. *Paris Agreement*. Available: https://unfccc.int/sites/default/files/english_paris_agreement.pdf. Accessed March 2019.
- U.S. Bureau of Land Management. 2024. BLM Approves Camino Solar Project in Kern County. Available: <https://www.blm.gov/press-release/blm-approves-camino-solar-project-kern-county>. Accessed July 24, 2025.
- . 2025. Victory Pass Solar Project. Available: <https://eplanning.blm.gov/eplanning-ui/project/1502795/510>. Accessed July 24, 2025.
- U.S. Department of the Interior. 2024. Interior Department Announces Full Operation of Palen Solar Project in California. Available: <https://www.doi.gov/pressreleases/interior-department-announces-full-operation-palen-solar-project-california>. Accessed July 24, 2025.
- U.S. Department of the Navy. 2021. *Draft EIS for the Navy Old Town Campus Revitalization*. Available: <https://navwar-revitalization.com/assets/uploads/47%20-%20Navy%20OTC%20Draft%20EIS%20MAY%202021.pdf>. Accessed June 20, 2025.
- U.S. Energy Information Administration. 2025a. State Profile and Energy Estimates. California. Profile Data. Consumption and Expenditures. Available: <https://www.eia.gov/state/data.php?sid=CA>. Accessed February 6, 2025.
- . 2025b. State Profile and Energy Estimates. California. Profile Data. Analysis. Available: <https://www.eia.gov/state/analysis.php?sid=CA>. Accessed February 6, 2025.
- U.S. Environmental Protection Agency. 2016. *EPA and NHTSA Adopt Standards to Reduce Greenhouse Gas Emissions and Improve Fuel Efficiency of Medium- and Heavy-Duty Vehicles for Model Year 2018 and Beyond*. Available: <https://nepis.epa.gov/Exe/ZyPDF.cgi/P100P7NL.PDF?Dockkey=P100P7NL.PDF>. Accessed February 6, 2025.

- . 2017. Climate Impacts on Energy. Available: https://19january2017snapshot.epa.gov/climate-impacts/climate-impacts-energy_.html. Accessed July 27, 2025.
- . 2023. "California State Motor Vehicle and Engine Pollution Control Standards; Heavy-Duty Vehicle and Engine Emission Warranty and Maintenance Provisions; Advanced Clean Trucks; Zero Emission Airport Shuttle; Zero- Emission Power Train Certification; Waiver of Preemption; Notice of Decision." *Federal Register* 88: 20688.
- . 2024. "California State Motor Vehicle Pollution Control Standards; Advanced Clean Fleets Regulation; Request for Waiver of Preemption and Authorization." *Federal Register* 89: 57120.
- . 2025. Endangerment and Cause or Contribute Findings for Greenhouse Gases Under Section 202(a) of the Clean Air Act. Available: <https://www.epa.gov/climate-change/endangerment-and-cause-or-contribute-findings-greenhouse-gases-under-section-202a>. Accessed April 17, 2025.
- Western Fire Chiefs Association. 2024. The Link Between Power Lines and Wildfires. Available: <https://wfca.com/wildfire-articles/power-lines-and-wildfires/>. Accessed June 16, 2025.
- WFOA. See Western Fire Chiefs Association.
- White House. 2025. Executive Order: Protecting American Energy from State Overreach. Available: <https://www.whitehouse.gov/presidential-actions/2025/04/protecting-american-energy-from-state-overreach/>. Accessed April 24, 2025.
- Young, E., N. Hedge, A. Brakke, and S. Thailing. 2024. "San Diego's Changing Climate: A Regional Wake-Up Call." The San Diego Foundation. Available: <https://www.sdfoundation.org/wp-content/uploads/2015/10/2009-Focus2050glossySDF-Climatereport.pdf#:~:text=meet%20our%20energy%20needs.%20In%20the%20San,weather%20causing%20about%207%25%20of%20the%20increase>. Accessed July 27, 2025.
- USEIA. See U.S. Energy Information Administration.

Section 4.7 Geology, Soils, and Paleontological Resources

- California Geologic Survey. 2018. *Earthquake Fault Zones, A Guide for Government Agencies, Property Owners/Developers and Geoscience Practitioners for Assessing Fault Rupture Hazards in California*. Special Publication 42.
- California Department of Transportation and Secretariat of Infrastructure, Urban Development, and Territorial Reorganization. 2021 (February). *California-Baja California Border Master Plan*. Available: <https://www.calibajabmp.org/reports>. Accessed January 22, 2025.
- California Department of Transportation. 2025. "Chapter 8: Paleontology." *Standard Environmental Reference, Environmental Handbook: Volume 1: Guidance for Compliance*.
- Caltrans See California Department of Transportation.
- Caltrans and SIDURT. See California Department of Transportation and Secretariat of Infrastructure, Urban Development, and Territorial Reorganization.
- California High Speed Rail Authority. 2005. *Program Environmental Impact Report/Environmental Impact Statement for the Proposed California High-Speed Train System*. Available: <https://hsr.ca.gov/programs/environmental-planning/program-eir-eis-documents-for-the-statewide-high-speed-rail-system-tier-1/final-program-environmental-impact-report-environmental-impact-statement-eir-eis-for-the-proposed-california-high-speed-train-system-2005/>. Accessed March 2025.
- City of Carlsbad. 2015a. *Carlsbad General Plan Open Space and Conservation Element*. Available: <https://www.carlsbadca.gov/departments/community-development/planning/general-plan>. Accessed January 17, 2025.

-
- . 2015b. *Carlsbad Local Coastal Program*. Available: <https://www.carlsbadca.gov/home/showpublisheddocument/236/637425974089530000>. Accessed February 2025.
- . 2024. *Carlsbad General Plan Safety Element*. Available: <https://www.carlsbadca.gov/departments/community-development/planning/general-plan>. Accessed January 17, 2025.
- City of Chula Vista. 2021 (July 13). *Chula Vista Vision 2020 Environment Element*. Available: <https://www.chulavistaca.gov/departments/development-services/planning/planning-digital-library/general-plan>. Accessed January 17, 2025.
- City of Coronado. 1994 (November 15). *City of Coronado General Plan Conservation Element*. Available: <https://www.coronado.ca.us/269/Planning-Zoning>. Accessed January 17, 2025.
- . 2005 (February 15). *City of Coronado General Plan Safety Element*. Available: <https://www.coronado.ca.us/269/Planning-Zoning>. Accessed January 17, 2025.
- City of Del Mar. 1985. *The Community Plan for the City of Del Mar, California*. Available: <https://www.delmar.ca.us/164/City-Development-Documents>. Accessed January 17, 2025.
- . 2024 (October 23). *Del Mar Municipal Code*. Available: https://library.municode.com/ca/del_mar/codes/municipal_code?nodeId=15557. Accessed January 17, 2025.
- City of El Cajon. 2001. *General Plan 2000*. Available: <https://www.elcajon.gov/your-government/departments/community-development/planning-division/adopted-planning-code-information>. Accessed January 17, 2025.
- . 2021 (July). *City of El Cajon General Plan Safety Element*. Available: <https://www.elcajon.gov/your-government/departments/community-development/planning-division/adopted-planning-code-information>. Accessed January 17, 2025.
- City of Encinitas. 1995. *City of Encinitas General Plan Public Safety Element*. Available: <https://www.encinitasca.gov/government/general-plan>. Accessed January 17, 2025.
- . 2011. *City of Encinitas General Plan Resource Management Element*. Available: <https://www.encinitasca.gov/government/general-plan>. Accessed January 17, 2025.
- . 2012. *Encinitas General Plan, Resource Management Element*. Available: <https://portal.laserfiche.com/Portal/DocView.aspx?id=835470&repo=r-d8c5c08d>. Accessed February 2025.
- City of Escondido. 2012 (May). *Escondido General Plan*. Available: <https://escondido.gov/1106/Policy-and-Regulatory-Documents>. Accessed January 2025.
- City of Imperial Beach. 2024 (June). *City of Imperial Beach General Plan & Local Coastal Plan*. Available: <https://imperialbeachca.gov/260/Planning-Division>. Accessed January 20, 2025.
- City of La Mesa. 2013 (July 9). *2012 Centennial General Plan*. Available: <https://www.cityoflamesa.us/953/General-Plan>. Accessed January 17, 2025.
- City of Lemon Grove. 1996 (October 22). *Lemon Grove General Plan*. Available: <https://www.lemongrove.ca.gov/our-government/community-development/planning-zoning/>. Accessed January 17, 2025.
- City of National City. 2011 (June 7). *City of National City General Plan Open Space and Agriculture Element*. Available: <https://www.nationalcityca.gov/government/community-development/planning>. Accessed January 20, 2025.

- . 2024 (March 19). *City of National City General Plan Safety Element*. Available: <https://www.nationalcityca.gov/government/community-development/planning>. Accessed January 20, 2025.
- City of Oceanside 2002. *General Plan Public Safety Element*. Available: <https://www.ci.oceanside.ca.us/government/development-services/planning/general-plan>. Accessed January 20, 2025.
- . 2024 (June). *General Plan Public Review Draft*. Available: <https://onwardoceanside.com/project-documents>. Accessed January 20, 2025.
- City of Poway. 1991. *Poway Comprehensive Plan*. Available: <https://poway.org/286/General-Plan>. Accessed January 20, 2025.
- . 1996 (April). *Poway Subarea Habitat Conservation Plan/Natural Community Conservation Plan*. Available: <https://poway.org/323/Planning-Reference-Documents>. Accessed January 20, 2025.
- . 2002. *City of Poway General Plan*. Available: <https://poway.org/286/General-Plan>. Accessed September 2025.
- City of San Diego. 2007. *Draft General Plan Final Program EIR*. Available: <http://www.sandiego.gov/planning/genplan/pdf/peir/eir3p4geologicfinal.pdf>. Accessed March 2025.
- . 2018. *Pure Water San Diego Program, North City Project Final EIR/EIS (PTS No. 499621)*. Available: https://www.sandiego.gov/sites/default/files/north_city_project_final_eir-eis_part_3_-_compressed.pdf. Accessed March 2025.
- . 2024a (March 14). *Draft Program Environmental Impact Report for Blueprint SD Initiative, Hillcrest Focused Plan Amendment To The Uptown Community Plan, and University Community Plan and Local Coastal Program Update*.
- . 2024b (July). *City of San Diego General Plan*. Available: <https://www.sandiego.gov/planning/work/general-plan#2024GenPlan>. Accessed January 20, 2025.
- City of San Marcos. 2012. *City of San Marcos General Plan*. Available: <https://www.san-marcos.net/departments/development-services/general-plan>. Accessed January 20, 2025.
- City of Santee 2003. *General Plan*. Available at <https://www.cityofsanteeca.gov/departments/city-clerk/document-central/planning-building/general-plan>. Accessed January 20, 2025.
- City of Solana Beach. 2014. *General Plan*. Available: <https://www.cityofsolanabeach.org/en/government/departments/community-development/planning/general-plan>. Accessed January 20, 2025.
- . 2019. *City of Solana Beach Local Coastal Plan*. Available: <https://www.cityofsolanabeach.org/en/government/departments/community-development/shoreline-management>. Accessed January 20, 2025.
- City of Vista. 2012 (February 28). *General Plan*. Available: <https://www.vista.gov/departments/community-development/permits-forms/vista-general-plan-2030>. Accessed January 20, 2025.
- Colorado Geological Survey. 2025. *Expansive Soil and Rock*. Available: <https://coloradogeologicalsurvey.org/hazards/expansive-soil-rock/>. Accessed June 30, 2025.
- County of San Diego. 1975. *County of San Diego General Plan*.
- . 2007. *Guidelines for Determining Significance: Unique Geology*. Department of Planning and Land Use and Department of Public Works.
- . 2009. *Guidelines for Determining Significance: Paleontological Resources*. Department of Planning and Land Use and Department of Public Works.

- . 2011a. *San Diego County General Plan Update*. Available: <https://www.sandiegocounty.gov/content/sdc/pds/generalplan.html>. Accessed January 2025.
- . 2011b. *San Diego County General Plan Update Final Environmental Impact Report*. Available: <https://www.sandiegocounty.gov/content/sdc/pds/generalplan/GP-EIR.html#EIR>. Accessed January 2025.
- . 2023. *Multi-Jurisdictional Hazard Mitigation Plan*.
- . 2025 (February 1). *Local Agency Management Program (LAMP) for Onsite Wastewater Treatment Systems*. Congressional Research Service Report for Congress. 1998. Fossils on Federal Lands: Current Federal Laws and Regulations.
- DeFrisco, M. 2021 (September 23). *California Geological Survey Fault Evaluation Report 265: The Rose Canyon Fault Zone in the Point Loma and La Jolla 7.5 Minute Quadrangles San Diego County, California*.
- Federal Highway Administration. 1981 (January 29). "Rules and Regulations: Department of Transportation Federal Highway Administration 23 CFR Part 765—Archeological and Paleontological Salvage; Recision of Regulation." *Federal Register* 46(19): 9570.
- FHWA. See Federal Highway Administration.
- HSRA. See California High Speed Rail Authority.
- Kuhn, G. G., and F. P. Shepard. 1984. *Sea Cliffs, Beaches, and Coastal Valleys of San Diego*. University of California Press. Berkeley, CA. Available: <https://publishing.cdlib.org/ucpressebooks/view?docId=ft0h4nb01z&brand=ucpress>. Accessed January 20, 2025.
- Johnsson, M. 2003 (January 16). *Establishing Development Setbacks from Coastal Bluffs*. California Coastal Commission. Memorandum.
- Jones, A. D., E. V. Wright, M. A. House, C. I. Heap, S. Newton, D. A. Brooks, and S. Skinner. 2025. "Chapter 15: Peninsular Ranges." In *Geology of California*. Academic Senate of California Community Colleges Open Educational Resource Initiative. Sacramento, CA.
- Natural Resources Conservation Service. 2000 (March). *Erosion and Sedimentation on Construction Sites*. Urban Technical Note No. 1. Soil Quality Institute.
- NRCS. See Natural Resources Conservation Service.
- Olive, W. W., A. F. Chleborad, C. W. Frahme, J. Shlocker, R. R. Schneider, and R. I. Schuster. 1989. *Swelling Clays Map of the Conterminous United States*. U.S. Geological Survey. Miscellaneous Investigations Series Map I-1940. U.S. Geological Survey, Supported by the National Cooperative Geologic Mapping Program. Available: https://ngmdb.usgs.gov/Prodesc/proddesc_10014.htm. Accessed January 20, 2025.
- Peterson, G. L. 1977. "The Geologic Setting of San Diego and Vicinity." In *Geologic Hazards in San Diego*, edited by P. L. Abbot and J. K. Victoria. San Diego Society of Natural History.
- Ryan, K. C., A. T. Jones, C. L. Koerner, and K. M. Lee. 2012. *Wildland Fire in Ecosystems: Effects of Fire on Cultural Resources and Archaeology*. Gen. Tech. Rep. RMRS-GTR-42-vol. 3. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. Fort Collins, CO.
- San Diego County Regional Airport Authority. 2020. *Airport Development Plan Final Environmental Impact Report*. Available: <https://www.san.org/Airport-Projects/Environmental-Affairs#1245314-adp-final-eir>. Accessed March 2025.
- San Diego Natural History Museum. 2025. Search of the online paleontological collection database. Accessed March 2025.
- SCAG See Southern California Association of Governments.

SDCRAA. See San Diego County Regional Airport Authority.

Society of Vertebrate Paleontology. 2010. *Standard Procedures for the Assessment and Mitigation of Adverse Impacts to Paleontological Resources*. Available: https://vertpaleo.org/wp-content/uploads/2021/01/SVP_Impact_Mitigation_Guidelines.pdf. Accessed March 2025.

Southern California Association of Governments. 2024. *Final Program Environmental Impact Report For Connect SoCal 2024 (2024–2050 Regional Transportation Plan/Sustainable Communities Strategy)*. Available: <https://scag.ca.gov/peir>. Accessed January 22, 2025.

State Water Resources Control Board. 2022. Construction Stormwater General Permit Order 2022-0057-DWQ. Available: https://www.waterboards.ca.gov/water_issues/programs/stormwater/construction.html. Accessed January 20, 2025.

SVP. See Society of Vertebrate Paleontology.

SWRCB See State Water Resources Control Board.

University of California Museum of Paleontology. 2025. Search of the online paleontological locality database. Accessed March 2025.

U.S. Department of the Navy. 2021. *Navy Old Town Campus Revitalization Draft Environmental Impact Statement*. Available: <https://navwar-revitalization.com/draft-eis/>. Accessed March 2025.

U.S. Geological Survey. 2005. *Southern California Landslides—An Overview*.

———. 2016 (November 30). The San Andreas Fault. Available: <https://pubs.usgs.gov/gip/earthq3/safaultgip.html>. Accessed January 20, 2025.

USGS See U. S. Geological Survey.

Section 4.8 Greenhouse Gas Emissions and Climate Change

CalEPA et al. See California Environmental Protection Agency, California Natural Resources Agency, California Department of Food and Agriculture, California Air Resources Board, and California Strategic Growth Council.

California Air Pollution Control Officers Association. ~~2024~~2025. *Handbook for Analyzing Greenhouse Gas Emissions Reductions, Assessing Climate Vulnerabilities, and Advancing Health and Equity*. Available: <https://www.caleemod.com/handbook/index.html>. Accessed June 13, 2025.

California Air Resources Board. 2000. *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles*. Available: <https://ww3.arb.ca.gov/sites/default/files/classic/diesel/documents/rrpfinal.pdf>. Accessed April 15, 2025.

———. 2008. California's Diesel Risk Reduction Plan: Risk Management Guidance for the Permitting of New Stationary Diesel-Fueled Engines. Available at: <https://www.arb.ca.gov/diesel/documents/rmg.htm>. Accessed June 2025.

———. 2008. *Climate Change Scoping Plan*. Available: https://ww2.arb.ca.gov/sites/default/files/classic/cc/scopingplan/document/adopted_scoping_plan.pdf. Accessed February 25, 2025.

———. 2017b. *Final Short-Lived Climate Pollutant Reduction Strategy*. Available: <https://ww2.arb.ca.gov/resources/documents/slcp-strategy-final>. Accessed February 25, 2025.

———. 2018a. *Updated Final Staff Report Proposed Update to the SB 375 Greenhouse Gas Emission Reduction Targets*. Available: https://ww2.arb.ca.gov/sites/default/files/2020-06/SB375_Updated_Final_Target_Staff_Report_2018.pdf. Accessed July 8, 2025.

-
- . 2018b. *SB 375 Regional Greenhouse Gas Emissions Reduction Targets*. Approved by the California Air Resources Board March 22, 2018. Available: https://ww2.arb.ca.gov/sites/default/files/2020-06/SB375_Final_Targets_2018.pdf. Accessed February 25, 2025.
 - . 2019a. *Final Sustainable Communities Strategy Program and Evaluation Guidelines*. Available: <https://ww2.arb.ca.gov/sites/default/files/2019-11/Final%20SCS%20Program%20and%20Evaluation%20Guidelines%20Report.pdf>. Accessed February 25, 2025.
 - . 2019b. *Regulation for the California Cap on Greenhouse Gas Emissions and Market-Based Compliance Mechanisms*. Available: https://ww2.arb.ca.gov/sites/default/files/2021-02/ct_reg_unofficial.pdf. Accessed April 22, 2025.
 - . 2020. *LCFS Basics*. Available: <https://ww2.arb.ca.gov/resources/documents/lcfs-basics>. Accessed February 25, 2025.
 - . 2021a. *2020 Mobile Source Strategy*. Available: <https://ww2.arb.ca.gov/resources/documents/2020-mobile-source-strategy>. Accessed February 25, 2025.
 - . 2021b. *Fact Sheet: Advanced Clean Trucks Accelerating Zero-Emission Truck Markets*. Available: [200625factsheet_ADA.pdf](https://ww2.arb.ca.gov/sites/default/files/2021-06/25factsheet_ADA.pdf). Accessed February 25, 2025.
 - . 2022a. *Final 2022 Scoping Plan Update and Appendices*. Available <https://ww2.arb.ca.gov/our-work/programs/ab-32-climate-change-scoping-plan/2022-scoping-plan-documents>. Accessed February 25, 2025.
 - . 2022b. CARB. 2022. *2022 Progress Report: California's Sustainable Communities and Climate Protection Act*. Available: <https://ww2.arb.ca.gov/sites/default/files/2023-05/2022%20SB%20150%20CA%20Sustainable%20Communities%20Report%20ADA.pdf>. Accessed April 17, 2025.
 - . 2023. *Overview: Diesel Exhaust and Health*. Available: <https://ww2.arb.ca.gov/resources/overview-diesel-exhaust-and-health#:~:text=CARB%20anticipates%20that%20newly%20adopted,and%20non%2Dcancer%20health%20effects>. Accessed June 13, 2025.
 - . 2024a. *2000-2022 GHG Inventory (2024 Edition)*. Available: <https://ww2.arb.ca.gov/ghg-inventory-data>. Accessed February 25, 2025.
 - . 2024b. *The State of California's Priority Climate Action Plan*. Available: https://ww2.arb.ca.gov/sites/default/files/2024-03/California%20CPRG%20Priority%20Climate%20Action%20Plan%202024%20March%201_0.pdf. Accessed May 22, 2025.
 - . 2024c. *SB 375 Regional Targets*. Available: <https://ww2.arb.ca.gov/our-work/programs/sustainable-communities-program/sb-375-regional-targets>. Accessed June 13, 2025.
 - . 2025a. *Short Lived Climate Pollutants*. Available: <https://ww2.arb.ca.gov/our-work/programs/slcp/about#:~:text=Fluorinated%20gases%E2%80%94especially%20HFCs%E2%80%94are,%2C%20residential%2C%20and%20transportation%20sectors>. Accessed February 25, 2025.
 - . 2025b. *GHGs Descriptions and Sources in California*. Available: <https://ww2.arb.ca.gov/ghg-descriptions-sources>. Accessed February 25, 2025.
 - . 2025e. *CARB Receives Direction on Finalizing Low Carbon Fuel Standard Amendments*. Available: <https://ww2.arb.ca.gov/news/carb-receives-direction-finalizing-low-carbon-fuel-standard-amendments#:~:text=On%20November%208%2C%202024%2C%20the,of%20zero%2Dmission%20infrastructure%20and>. Accessed April 17, 2025.
-

- . 2025c. *Notice to the U.S. Environmental Protection Agency of California Air Resources Board's Withdrawal of the Advanced Clean Fleets Waiver Request*. Available: <https://www.epa.gov/system/files/documents/2025-01/ca-acf-carb-withdrawal-ltr-2025-1-13.pdf>. Accessed March 17, 2025.
- . 2025d. *Notice to the U.S. Environmental Protection Agency of California Air Resources Board's Withdrawal of the In-Use Locomotive Regulation Request for Authorization*. Available: <https://www.epa.gov/system/files/documents/2025-01/ca-loco-carb-withdrawal-loco-ltr-2025-1-13.pdf>. Accessed August 11, 2025.
- . 2025e. Advanced Clean Fleets Regulation. Available: <https://ww2.arb.ca.gov/our-work/programs/advanced-clean-fleets>. Accessed March 17, 2025. California Energy Commission. 2025. *2024-2025 Investment Plan Update for Clean Transportation Program Commission Report*. Available: <https://efiling.energy.ca.gov/GetDocument.aspx?tn=261539>. Accessed March 17, 2025.
- . 2025f. CARB Announces Latest LCFS Updates Will Be Implemented Next Month. Available: <https://ww2.arb.ca.gov/news/carb-announces-latest-lcfs-updates-will-be-implemented-next-month>. Accessed August 11, 2025.
- California Energy Commission. 2021. *2022 Building Energy Efficiency Standards Summary*. Available: https://www.energy.ca.gov/sites/default/files/2021-08/CEC_2022_EnergyCodeUpdateSummary_ADA.pdf. Accessed March 17, 2025.
- . 2024a. *2024 Integrated Energy Policy Report Update*. Available: <https://www.energy.ca.gov/publications/2024/2024-integrated-energy-policy-report-update>. Accessed March 17, 2025.
- . 2024b. Energy Commission Adopts Updated Building Standards Expanding Requirements for Heat Pumps and Electric-Ready Buildings. Available: <https://www.energy.ca.gov/news/2024-09/energy-commission-adopts-updated-building-standards-expanding-requirements-heat>. Accessed March 17, 2025.
- . 2024c. 2022 Power Content Label – San Diego Gas & Electric. Available: <https://www.energy.ca.gov/filebrowser/download/6064>. Accessed March 17, 2025.
- California Energy Demand. 2023 – 2040. Available: <https://www.energy.ca.gov/data-reports/reports/2023-integrated-energy-policy-report/2023-iepr-workshops-notice-and-2>. Accessed July 8, 2025.
- California Governor's Office of Planning and Research, California Energy Commission, and California Natural Resources Agency. 2018. *California's Fourth Climate Change Assessment: San Diego Report*. Available: https://www.energy.ca.gov/sites/default/files/2019-11/Reg_Report-SUM-CCCA4-2018-009_SanDiego_ADA.pdf
- California Natural Resources Agency. 2018. *Safeguarding California Plan: 2018 Update*. Available: <http://resources.ca.gov/docs/climate/safeguarding/update2018/safeguarding-california-plan-2018-update.pdf>. Accessed March 17, 2025.
- . 2022. *Natural Working Lands Climate Smart Strategy*. Available: https://resources.ca.gov/-/media/CNRA-Website/Files/Initiatives/Expanding-Nature-Based-Solutions/CNRA-Report-2022---Final_Accessible.pdf. Accessed April 21, 2025.
- California State Transportation Agency. 2025. *CAPT1 2.0: Climate Action Plan for Transportation Infrastructure*. Available: <https://calsta.ca.gov/-/media/calsta-media/documents/capti-2025-a11y.pdf>. Accessed March 17, 2025.
- CalSTA. See California State Transportation Agency.
- City of Carlsbad. 2024 (November). *City of Carlsbad Climate Action Plan Update*. Available: <https://www.carlsbadca.gov/home/showpublisheddocument/19484/638717809348600000>. Accessed June 3, 2025.

CARB. See California Air Resources Board.

Center for Resource Efficient Communities and The Center for the Built Environment. 2021. *Zero-Carbon Buildings in California: A Feasibility Study*. Available: https://www.researchgate.net/profile/Carrie-Brown-12/publication/359931845_Zero-Carbon_Buildings_in_California_A_Feasibility_Study/links/649caec295bbbe0c6efda59e/Zero-Carbon-Buildings-in-California-A-Feasibility-Study.pdf. Accessed June 13, 2025.

City of Chula Vista. 2017. *Climate Action Plan*. Adopted by City Council in September 2017. Available: <https://www.chulavistaca.gov/home/showpublisheddocument/15586/636428706054030000>. Accessed June 3, 2025.

City of Coronado. 2022 (March). *City of Coronado Climate Action Plan*. Available: <https://commentcoronado.org/7712/widgets/23394/documents/29172>. Accessed June 3, 2025. Clean Energy Alliance. n.d. Your Options. Available: <https://thecleanenergyalliance.org/your-options/>. Accessed March 17, 2025.

City of Del Mar. 2016. *Climate Action Plan*. Available: <https://www.delmar.ca.us/DocumentCenter/View/6101>. Accessed June 3, 2025.

City of El Cajon. 2020. *El Cajon Sustainability Initiative: Policies to Reduce Greenhouse Gas Emissions*. Available: https://destinyhosted.com/agenda_publish.cfm?id=35225&mt=ALL&fp=swagit&get_month=8&get_year=2021&dsp=agm&seq=992&rev=0&ag=88&ln=4266&nseq=998&nrev=0&pseq=994&prev=0#. Accessed June 3, 2025.

City of Encinitas. 2020. *Climate Action Plan January 2018 Interim Revision November 2020*. Available: <https://www.encinitasca.gov/home/showpublisheddocument/1698/637999947050530000>. Accessed June 11, 2025.

City of Escondido. 2021 (March). *Final 2021 Climate Action Plan*. Available: <https://www.escondido.gov/DocumentCenter/View/2226/Full-Documents-PDF>. Accessed June 3, 2025.

City of Imperial Beach. 2019. *Final Draft Local Coastal Program Resilient Imperial Beach Climate Action Plan*. Available: <https://ca-imperialbeach.civicplus.com/DocumentCenter/View/410/Approved-Climate-Action-Plan---Resolution-2019-8054-PDF>. Accessed June 3, 2025.

City of La Mesa. 2024 (November). *City of La Mesa Climate Action Plan Update*. Available: <https://www.cityoflamesa.us/DocumentCenter/View/23700/Climate-Action-Plan-Update-Nov-2024>. Accessed June 3, 2025.

City of Lemon Grove. 2020 (January). *Climate Action Plan*. Available: https://www.lemongrove.ca.gov/media/vesngpxc/lg-cap_combined-2020-01-13.pdf. Accessed June 3, 2025.

City of National City. 2011 (May). *Climate Action Plan*. Available: https://www.ca-ilg.org/sites/main/files/file-attachments/climate_action_plan.pdf?1472518681. Accessed June 3, 2025.

City of Oceanside. 2019. *Climate Action Plan*. Available: <https://www.ci.oceanside.ca.us/civicax/filebank/blobdload.aspx?blobid=48919>. Accessed May 19, 2021.

City of San Diego. 2022. *Climate Action Plan*. Available: https://www.sandiego.gov/sites/default/files/san_diegos_2022_climate_action_plan_0.pdf. Accessed June 3, 2025.

City of San Marcos. 2020. *Final Climate Action Plan*. Available: <https://www.san-marcos.net/home/showpublisheddocument/25084/637435406644270000>. Accessed June 3, 2025.

- City of Santee. 2019 (December). *Sustainable Santee Plan*. Available: <https://www.cityofsantee.ca.gov/documents/planning-building/sustainable-santee-plan.pdf>. Accessed June 3, 2025.
- City of Solana Beach. 2024. *Climate Action Plan*. Available: https://www.cityofsolanabeach.org/sites/default/files/Solana%20Beach/Environmental%20Sustainability/SolanaBeachCAP.Final_10.29.24.pdf. Accessed June 3, 2025.
- City of Vista. 2021 (October). *Climate Action Plan*. Available: <https://www.cityofvista.com/home/showpublisheddocument/24574/637699911232170000>. Accessed June 3, 2025.
- County of San Diego. 2022. *San Diego Regional Decarbonization Framework Technical Report*. Available: https://www.sandiegocounty.gov/content/dam/sdc/lueg/regional-decarb-frameworkfiles/RDF_Technical_Report_FINAL_2022.pdf. Accessed June 13, 2025.
- . 2024. *Final 2024 Climate Action Plan*. Available: <https://www.sandiegocounty.gov/content/dam/sdc/sustainability/docs/final2024cap/Final2024CAP.pdf>. Accessed July 30, 2025.
- EPA. See U.S. Environmental Protection Agency.
- European Commission Joint Research Centre. 2018. *Toward Climate Change Impact: Vectors Carrying Viral Infection. What We Should Know*.
- Governor's Office of Planning and Research. 2018. *Technical Advisory on Evaluating Transportation Impacts in CEQA*. Available: https://lci.ca.gov/docs/20180416-743_Technical_Advisory_4.16.18.pdf. Accessed March 17, 2025.
- Greenhouse Gas Protocol. 2024. *IPCC Global Warming Potential Values*. Available: <https://ghgprotocol.org/sites/default/files/2024-08/Global-Warming-Potential-Values%20%28August%202024%29.pdf>. Accessed February 25, 2025.
- ICLEI. See Local Governments for Sustainability.
- International Panel on Climate Change. 2013. *Climate Change 2013: The Physical Science Basis*. Available: https://www.ipcc.ch/site/assets/uploads/2018/02/WG1AR5_all_final.pdf. Accessed February 25, 2025.
- . 2014. *Climate Change Synthesis Report*. Available: https://www.ipcc.ch/site/assets/uploads/2018/02/SYR_AR5_FINAL_full.pdf. Accessed February 25, 2025.
- . 2023a. Climate Change 2023 Synthesis Report Summary for Policymakers. Available: https://www.ipcc.ch/report/ar6/syr/downloads/report/IPCC_AR6_SYR_SPM.pdf. Accessed April 18, 2025.
- . 2023b. Climate Change 2023 Synthesis Report. Available: https://www.ipcc.ch/report/ar6/syr/downloads/report/IPCC_AR6_SYR_FullVolume.pdf. Accessed April 18, 2025.
- IPCC. See International Panel on Climate Change.
- Legislative Analyst's Office. 2023. *Assessing California's Climate Policies: The 2022 Scoping Plan Update*. Available: <https://lao.ca.gov/reports/2023/4656/2022-Scoping-Plan-Update-010423.pdf>. Accessed May 22, 2025.
- Lister, B. C., and A. Garcia. "Climate-Driven Declines in Arthropod Abundance Restructure a Rainforest Food Web." *PNAS* 115(44): E-10397–E10406.
- Local Governments for Sustainability. 2019. U.S. Community Protocol for Accounting and Reporting Greenhouse Gas Emissions. Available: <https://iclei.org/e-library/u-s-community-protocol-for-accounting-and-reporting-of-greenhouse-gas-emissions/>. Accessed June 13, 2025.

- National Highway Traffic Safety Administration. 2024. USDOT Finalizes New Fuel Economy Standards for Model Years 2027-2031. Available: <https://www.nhtsa.gov/press-releases/new-fuel-economy-standards-model-years-2027-2031>. Accessed February 25, 2025.
- National Oceanic and Atmospheric Administration. 2025a. Trends in CO₂, CH₄, N₂O, SF₆. Available: <https://gml.noaa.gov/ccgg/trends/global.html>. Accessed February 25, 2025.
- . 2025b. 2024 Was the World's Warmest Year on Record. Available: <https://www.noaa.gov/news/2024-was-worlds-warmest-year-on-record>. Accessed April 18, 2025.
- . 2025c. The Weather and Climate Influences on the January 2025 Fires around Los Angeles. Authored by Rebecca Lindsey. Available: <https://www.climate.gov/news-features/event-tracker/weather-and-climate-influences-january-2025-fires-around-los-angeles#:~:text=On%20January%207%2C%202025%2C%20a,and%20shrub%2Ddominated%20chaparral%20landscapes>. Accessed April 18, 2025.
- NHTSA. See National Highway Traffic Safety Administration.
- NOAA. See National Oceanic and Atmospheric Administration.
- OPR. Now known as Governor's Office of Land Use and Climate Innovation. See Governor's Office of Planning and Research.
- Port of San Diego. 2013. *Port of San Diego Climate Action Plan*. Available: <https://pantheonstorage.blob.core.windows.net/environment/Port-of-San-Diego-Climate-Action-Plan.pdf>. Accessed June 3, 2025.
- SANDAG. See San Diego Association of Governments.
- San Diego Air Pollution Control District. 2022. *2022 Regional Air Quality Strategy*. Available: <https://www.sdapcd.org/content/dam/sdapcd/documents/grants/planning/Att.%20A%20-%202022%20RAQS.pdf>. Accessed April 22, 2025.
- San Diego Association of Governments. 2014. *Regional Energy Strategy*. Available: <https://www.sandag.org/-/media/SANDAG/Documents/PDF/projects-and-programs/environment/regional-energy-planning/regional-energy-strategy-goals-summary-2014-06-01.pdf>. Accessed June 13, 2025.
- . 2018. *Infrastructure Development Plan for the LOSSAN Rail Corridor in San Diego County*. Available: <https://www.sandag.org/-/media/SANDAG/Documents/PDF/projects-and-programs/featured-projects/lossan-rail-improvements-del-mar-bluffs/infrastructure-development-plan-for-the-lossan-rail-corridor-in-san-diego-county-2018-06-07.pdf>. Accessed June 9, 2025.
- . 2023. *Regional Resilience Framework*. Available: <https://www.sandag.org/-/media/SANDAG/Documents/ZIP/projects-and-programs/regional-resilience-framework-2024-05-06.zip>. Accessed April 22, 2025.
- . 2024. *Zero Emission Vehicle Incentive Program Implementation Plan*. Available: <https://www.sandag.org/-/media/SANDAG/Documents/PDF/projects-and-programs/innovative-mobility/clean-transportation/incentive-programs/zev-incentive-program-implementation-plan-2025-4-23.pdf>. Accessed August 14, 2025.
- . 2025a. Climate Action Planning Framework for Local Governments. Available: <https://www.sandag.org/projects-and-programs/environment/climate/climate-action-planning-framework-local-government>. Accessed March 17, 2025.
- . 2025b. Incentive Programs. Available: <https://www.sandag.org/projects-and-programs/innovative-mobility/clean-transportation/incentive-programs>. Accessed March 17, 2025.
- . 2025c. Climate Action Data Portal. Available: <https://opendata.sandag.org/stories/s/pd9g-cay7/>. Accessed August 8, 2025.

- . 2025d. Fiscal Year 2026 SANDAG Program Budget. Available: <https://www.sandag.org/funding/-/media/59AEA766FFBA4339B062FB58B3F57A58.ashx>. Accessed June 12, 2025.
- San Diego County. 2022. *San Diego Regional Decarbonization Framework*. Available: https://www.sandiegocounty.gov/content/dam/sdc/lueg/regional-decarb-frameworkfiles/RDF_Technical_Report_FINAL_2022.pdf. Accessed May 22, 2025.
- . 2024. *Guidelines for Determining Significance: Climate Change*. Available: https://www.sandiegocounty.gov/content/dam/sdc/sustainability/docs/final2024cap/Final2024CAP_A-8_CAP-Consistency-Checklist-Guidelines-for-Determining-Significance.pdf. Accessed June 12, 2025.
- San Diego County Regional Airport Authority. 2020 (June). *Sustainability Management Program*. Available: https://www.san.org/Portals/0/Documents/Environmental/2020_SAN_SMP_Summary.pdf?ver=2020-09-04-095753-707. Accessed June 3, 2025.
- SANDAG. See San Diego Association of Governments.
- SDAPCD. See San Diego Air Pollution Control District.
- SDCP. See San Diego Community Power.
- United Nations. 2015. *Paris Agreement*. Available: https://unfccc.int/sites/default/files/english_paris_agreement.pdf. Accessed March 2019.
- U.S. Environmental Protection Agency. 2004. *Control of Emissions of Air Pollution From Nonroad Diesel Engines and Fuel*. Available: <https://www.gpo.gov/fdsys/pkg/FR-2004-06-29/pdf/04-11293.pdf>. Accessed March 19, 2025. Accessed April 18, 2025.
- . 2016. *EPA and NHTSA Adopt Standards to Reduce Greenhouse Gas Emissions and Improve Fuel Efficiency of Medium- and Heavy-Duty Vehicles for Model Year 2018 and Beyond*. Available: <https://nepis.epa.gov/Exe/ZyPDF.cgi/P100P7NL.PDF?Dockey=P100P7NL.PDF>. Accessed February 25, 2025.
- . 2023. *California State Motor Vehicle and Engine Pollution Control Standards; Heavy-Duty Vehicle and Engine Emission Warranty and Maintenance Provisions; Advanced Clean Trucks; Zero Emission Airport Shuttle; Zero- Emission Power Train Certification; Waiver of Preemption; Notice of Decision*. Federal Register 88: 20688.
- . 2024a. *Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2022*. Available: <https://www.epa.gov/ghgemissions/inventory-us-greenhouse-gas-emissions-and-sinks-1990-2022>. Accessed June 13, 2025.
- . 2024b. *2024-2027 Climate Adaptation Plan*. Available: <https://www.epa.gov/system/files/documents/2024-06/epas-2024-2027-climate-adaptation-plan-508-compliant.pdf>. Accessed April 18, 2025.
- . 2025a. Overview of Greenhouse Gases. Available: <https://www.epa.gov/ghgemissions/overview-greenhouse-gases>. Accessed February 25, 2025.
- . 2025b. Proposed Rule: Reconsideration of 2009 Endangerment Finding and Greenhouse Gas Vehicle Standards. Available: <https://www.epa.gov/regulations-emissions-vehicles-and-engines/proposed-rule-reconsideration-2009-endangerment-finding>. Accessed July 30, 2025.

Section 4.9 Hazards and Hazardous Materials

CalEPA. See California Environmental Protection Agency.

California Department of Resource Recycling and Recovery. 2025. Solid Waste Information System Database. Available: <https://www2.calrecycle.ca.gov/SolidWaste/Site/DataExport>. Retrieved January 2, 2025.

California Department of Toxic Substances Control. 2019. Managing Hazardous Waste. Available: <https://dtsc.ca.gov/california-accidental-release-prevention-program-calarp-fact->

- sheet/#:~:text=Program%20Overview,Management%20Program)%20into%20state%20regulations. Accessed May 26, 2025.
- . 2025a. Registered Hazardous Waste Transporter Database. Available: <https://hwts.dtsc.ca.gov/transporters/>. Retrieved January 2, 2025.
- . 2025b. Hazardous Waste and Substances Site List (Cortese). Available: https://www.envirostor.dtsc.ca.gov/public/search?cmd=search&reporttype=CORTESE&site_type=CSITES,FUDS&status=ACT,BKLG,COM&reporttitle=HAZARDOUS+WASTE+AND+SUBSTANCES+SITE+LIST+%28CORTESE%29. Accessed January 2, 2025.
- . 2025c. Enforcement and Emergency Response Division's Core Activities. Available: <https://dtsc.ca.gov/enforcements-core-activities/>. Accessed January 3, 2025.
- . 2025d. DTSC Toxicity Criteria Rule for Human Health Risk Assessments. Available: <https://dtsc.ca.gov/toxicity-criteria-rule-for-human-health-risk-assessments-faq/#easy-faq-348250>. Accessed May 27, 2025.
- . 2025e. Update on Phase I Environmental Site Assessments for School Sites; All Appropriate Inquiries; ASTM E-1527-05. Available: <https://dtsc.ca.gov/environmental-site-assessments-fs/#:~:text=California%20school%20districts%20are%20required,or%20expanding%20school%20properties%20that>. Accessed January 3, 2025.
- California Department of Transportation. 2011 (October). *California Airport Land Use Planning Handbook*. Division of Aeronautics. Available: <https://dot-drp.dot.ca.gov/-/media/dot-media/programs/aeronautics/documents/californiaairportlanduseplanninghandbook-a11y.pdf>. Accessed January 3, 2025.
- . 2021 (February). *California-Baja California 2021 Border Master Plan*. District 11. Prepared by SANDAG Service Bureau and IBI Group Team. Available: https://sandagbmpazurestorage.blob.core.windows.net/bmp-docs/2021-BMP_Final_Report_03152021.pdf. Accessed February 4, 2025.
- . 2025. Aerially Deposited Lead (ADL). Available: <https://dot.ca.gov/programs/environmental-analysis/hazardous-waste/contaminants-waste/aerially-deposited-lead>. Accessed May 30, 2025.
- California Environmental Protection Agency. 2016. *Sites Identified with Waste Constituents Above Hazardous Waste Levels Outside the Waste Management Unit*. Available: <https://calepa.ca.gov/wp-content/uploads/2016/10/SiteCleanup-CorteseList-CurrentList.pdf>. Accessed May 26, 2025.
- . 2025a. Cortese List Data Resources. Available: <https://calepa.ca.gov/sitecleanup/corteselist/>. Accessed January 2, 2025.
- . 2025b. Cortese List: Section 65962.5(a). Available: <https://calepa.ca.gov/sitecleanup/corteselist/section-65962-5a/>. Accessed May 26, 2025.
- . 2025c. List of "Active" CDO and CAO from Water Board. Available: <https://calepa.ca.gov/sitecleanup/corteselist/>. Retrieved January 2, 2025.
- . 2025d. More About the Unified Program. Available: <https://calepa.ca.gov/cupa/about/>. Accessed January 3, 2025.
- . 2025e. California Accidental Release Program Frequently Asked Questions. Available: <https://calepa.ca.gov/california-accidental-release-prevention/california-accidental-release-prevention-program-faq/>. Accessed January 3, 2025.
- . 2025f. Hazardous Materials Business Plan Frequently Asked Questions. Available: <https://calepa.ca.gov/hazardous-materials-business-plan-program/hazardous-materials-business-plan-faq/>. Accessed January 3, 2025.

- California Office of Emergency Services. 2023a. *California State Emergency Plan Coordinating Draft*. Available: <https://www.caloes.ca.gov/wp-content/uploads/Preparedness/Documents/2023-SEP-Draft-Public-Review.pdf>. Accessed January 3, 2025.
- . 2023b. *California State Hazard Mitigation Plan*. Volume 1. Available: https://www.caloes.ca.gov/wp-content/uploads/Hazard-Mitigation/Documents/2023-California-SHMP_Volume-1_11.10.2023.pdf. Accessed January 3, 2025.
- California Office of Environmental Health Hazard Assessment. 2025. California Human Health Screening Levels (CHHSLs). Available: <https://oehha.ca.gov/risk-assessment/california-human-health-screening-levels-chhsls>. Accessed January 3, 2025.
- Cal OES. See California Office of Emergency Services.
- CalRecycle. See California Department of Resource Recycling and Recovery.
- Caltrans. See California Department of Transportation.
- County of San Diego. 2007a (July 30). *County of San Diego Guidelines for Determining Significance, Hazardous Materials and Existing Conditions*. Land Use and Environment Group. Department of Planning and Land Use. Department of Public Works. Available: https://www.sandiegocounty.gov/content/dam/sdc/pds/docs/Hazardous_Guidelines.pdf. Accessed January 2, 2025.
- . 2007b. (July 30). *County of San Diego Guidelines for Determining Significance, Airport Hazards*. Land Use and Environment Group. Department of Planning and Land Use. Department of Public Works. Available: https://www.sandiegocounty.gov/content/dam/sdc/pds/ProjectPlanning/docs/Airport_Guidelines.pdf. Accessed March 3, 2025.
- . 2020. *2020 San Diego County Operational Area Hazardous Materials Area Plan*. Available: <https://www.sandiegocounty.gov/content/dam/sdc/deh/hmd/pdf/2020%20HM%20Area%20Plan.pdf>. Accessed January 3, 2025.
- . 2025a. Certified Unified Program Agency (CUPA). Available: https://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cupa.html. Accessed January 3, 2025.
- . 2025b. *Hazardous Materials Business Plan (HMPB)*. Department of Environmental Health and Quality.
- . 2025c. UST Plan Check. Available: https://www.sandiegocounty.gov/content/sdc/deh/hazmat/ust/hmd_ust_construction.html#:~:text=The%20San%20Diego%20County%20Department,and%20removal%20of%20USTs%20in. Accessed May 27, 2025.
- . 2025d. Site Assessment and Mitigation Program. Department of Environmental Health and Quality. Available: [https://www.sandiegocounty.gov/content/sdc/deh/hazmat/sam_homepage.html#:~:text=The%20primary%20goal%20of%20the,Code%20of%20Regulations%20\(CCR\)](https://www.sandiegocounty.gov/content/sdc/deh/hazmat/sam_homepage.html#:~:text=The%20primary%20goal%20of%20the,Code%20of%20Regulations%20(CCR)). Accessed January 3, 2025.
- . 2025e. Voluntary Assistance Program. Department of Environmental Health and Quality Available: https://www.sandiegocounty.gov/content/sdc/deh/hazmat/sam_voluntary_assistance_program.html. Accessed January 3, 2025.
- . 2025f. Underground Storage Tanks (UST). Department of Environmental Health and Quality. Available: <https://www.sandiegocounty.gov/content/sdc/deh/hazmat/ust.html>. Accessed January 3, 2025.
- . 2025g. Office of Emergency Services. Available: <https://www.sandiegocounty.gov/content/sdc/oes.html>. Accessed January 3, 2025.

- . 2025h. Unified Disaster Council. Office of Emergency Services. Available: https://www.sandiegocounty.gov/content/sdc/oes/emergency_management/oes_jl_UDC.html. Accessed January 3, 2025.
- . 2025i. Multi-Jurisdictional Hazard Mitigation Plan. Office of Emergency Services. Available: https://www.sandiegocounty.gov/content/sdc/oes/emergency_management/oes_jl_mitplan.html. Accessed January 3, 2025.
- DOI. See U.S. Department of the Interior.
- DHS, FEMA, and OES. See U.S. Department of Homeland Security, Federal Emergency Management Agency Region IX, and Governor's Office of Emergency Services.
- DTSC. See California Department of Toxic Substances Control.
- Ed-Data. See Education Data Partnership.
- Education Data Partnership. 2025. San Diego County. Available: <https://www.ed-data.org/county/San-Diego#wheel-38>. Retrieved January 2, 2025.
- EPA. See U.S. Environmental Protection Agency.
- Federal Emergency Management Agency. 2023 (April). Mitigation Planning and Grants. Available: <https://www.fema.gov/emergency-managers/risk-management/hazard-mitigation-planning/requirements#:~:text=Hazard%20mitigation%20plans%20need%20to,five%20years%20to%20maintain%20eligibility>. Accessed June 4, 2025.
- Federal Motor Carrier Safety Administration. 2024 (July). How to Comply with Federal Hazardous Material Regulations. Available: <https://www.fmcsa.dot.gov/regulations/hazardous-materials/how-comply-federal-hazardous-materials-regulations>. Accessed January 3, 2025.
- FEMA. See Federal Emergency Management Agency.
- FMCSA. See Federal Motor Carrier Safety Administration.
- Governor's Office of Planning and Research. 2018. *Planning and Investing for a Resilient California: A Guidebook for State Agencies*. Available: https://lci.ca.gov/climate/docs/20180313-Building_a_Resilient_CA.pdf. Accessed May 29, 2025.
- Hristov, H., N. Butler, P. Painter, and D. Siegel. 2005. *Human-Exposure-Based Screening Numbers Developed to Aid Estimation of Cleanup Costs for Contaminated Soil*. Revised January 2005. Originally published November 2004. Integrated Risk Assessment Section. California Environmental Protection Agency, California Office of Environmental Health Hazard Assessment. Available: <https://oehha.ca.gov/media/downloads/cnr/screenreport010405.pdf>. Accessed January 3, 2025.
- Mell, H. K., S. Mumma, and B. Hiestand. 2017 (October). *Emergency Medical Services Response Times in Rural, Suburban, and Urban Areas*. Retrieved from: <https://jamanetwork.com/journals/jamasurgery/fullarticle/2643992>. Accessed March 24, 2025.
- Naval Facilities Engineering Command. 2014 (December). *A Guide to the Air Installations Compatible Use Zones*. Available: https://cnrse.cnicy.navy.mil/Portals/83/cnrse/Documents/AICUZ/A%20Guide%20to%20the%20AICUZ%20Program-December%202014.pdf?ver=Qlh7nwFsi1qhr8ez_B7eiQ%3d%3d. Accessed January 3, 2025.
- NAVFAC. See Naval Facilities Engineering Command.
- OEHHA. See California Office of Environmental Health Hazard Assessment.
- OPR. See Governor's Office of Planning and Research.
- PHMSA. See Pipeline and Hazardous Materials Safety Administration.

- Pipeline and Hazardous Materials Safety Administration. 2023 (February). *Office of Hazardous Materials Safety 2019–2020 Biennial Report*. Available: <https://www.phmsa.dot.gov/sites/phmsa.dot.gov/files/2023-06/2019-2020-Biennial-Report-to-the-Public.pdf>. Accessed January 2, 2025.
- . 2025. National Pipeline Mapping System Public Viewer. Available: <https://pvnpm.phmsa.dot.gov/PublicViewer/>. Retrieved January 2, 2025.
- San Diego Association of Governments. 2021a (July). Regional ITS Architecture. Available: <https://its-arch.sandag.org/>. Accessed May 30, 2025.
- . 2021b (July). PS13-Regional Evacuation and Reentry Management. Available: <https://its-arch.sandag.org/html/mp/mp10160.htm>. Accessed May 30, 2025.
- . 2021c (July). PS14-Regional Disaster Traveler Information. Available: <https://its-arch.sandag.org/html/mp/mp10161.htm>. Accessed May 30, 2025.
- . 2025. SANDAG Open Data Portal. Retrieved from: <https://opendata.sandag.org/>. Accessed January 2025.
- San Diego County Operational Area. 2012. Policy #8-A. Available: <https://sdoparea.org/wp-content/uploads/documents/8A%20WUI%20-%20Wildland%20Urban%20Interface.pdf>. Accessed June 3, 2025.
- . 2022. Policy #8-B. Available: <https://sdoparea.org/wp-content/uploads/documents/8B%20Evacuation%20and%20Repopulation.pdf>. Accessed June 3, 2025.
- San Diego County Regional Airport Authority. 2025a. Airport Land Use Compatibility. Available: <https://www.san.org/Airport-Projects/Land-Use-Compatibility/ALUC-Resources>. Retrieved January 2, 2025.
- . 2025b. Airport Authority. Available: <https://www.san.org/airport-authority>. Accessed January 3, 2025.
- San Diego Gas & Electric. n.d. *High Pressure Gas Pipeline Map*. Available: <https://www.sdge.com/safety/gas-safety/pipeline-map>. Accessed January 2, 2025.
- San Diego Geographic Information Source. 2025. San Diego Regional Data Warehouse. Retrieved from: https://geo.sandag.org/portal/apps/experiencebuilder/experience/?id=fad9e9c038c84f799b5378e4cc3ed068&page=Home#data_s=id%3AdataSource_1-0%3A162. Accessed January 2025.
- SANDAG. *See* San Diego Association of Governments.
- SanGIS. *See* San Diego Geographic Information Source.
- SCAG. *See* Southern California Association of Governments.
- SDCOA. *See* San Diego County Operational Area.
- SDCRAA. *See* San Diego County Regional Airport Authority.
- SDGE. *See* San Diego Gas & Electric.
- State of California. 2025. California Climate Adaptation Strategy, San Diego. Available: <https://climateresilience.ca.gov/regions/san-diego.html>. Accessed January 2, 2025.
- State Water Resources Control Board. 2025. GeoTracker. Retrieved from: https://geotracker.waterboards.ca.gov/search?CMD=search&case_number=&business_name=&main_street_name=&city=&zip=&county=&SITE_TYPE=LUFT&oilfield=&STATUS=&BRANCH=&MASTER_BASE=&Search=Search. Retrieved June 11, 2025.
- Southern California Association of Governments. 2024. *Certified Final Program Environmental Impact Report for Connect SoCal 2024*. Available: <https://scag.ca.gov/peir>. Retrieved February 4, 2025.
- SWRCB. *See* State Water Resources Control Board.

- The White House. 2025 (January 20). Unleashing American Energy. Available: <https://www.whitehouse.gov/presidential-actions/2025/01/unleashing-american-energy/>. Accessed July 8, 2025.
- USDCESO and County of San Diego. See Unified San Diego County Emergency Services Organization and County of San Diego.
- Unified San Diego County Emergency Services Organization and County of San Diego. 2019 (September). *Operational Area Recovery Plan*. Available: https://www.sandiegocounty.gov/content/dam/sdc/oes/emergency_management/plans/Operational-Area-Recovery-Plan/SDC_OPERATIONAL%20AREA%20RECOVERY%20PLAN_FINAL_20190815.pdf. Accessed June 3, 2025.
- . 2022 (September). *Operational Area Emergency Operations Plan*. Available: https://www.sandiegocounty.gov/content/dam/sdc/oes/emergency_management/plans/op-area-plan/2023-eop/EOP2023_Complete%20Plan.pdf. Accessed January 2, 2025.
- USACE. See U.S. Army Corps of Engineers.
- U.S. Army Corps of Engineers. 2025a. Formerly Used Defense Sites Program. Available: <https://www.usace.army.mil/Missions/Environmental/Formerly-Used-Defense-Sites/>. Accessed February 4, 2025.
- . 2025b. Formerly Used Defense Sites (FUDS) Viewer – FY22 Data. Available: <https://geospatial.sec.usace.army.mil/arcgis/apps/webappviewer/index.html?id=fe3efb63b00e45b5857d3b9e15420f92>. Retrieved January 2, 2025.
- USDCESO and County of San Diego. See Unified San Diego County Emergency Services Organization and County of San Diego.
- USFS. See U.S. Forest Service.
- U.S. Department of Homeland Security, Federal Emergency Management Agency Region IX, and Governor’s Office of Emergency Services. 2008 (September). *California Catastrophic Incident Base Plan: Concept of Operations*. Available: <https://www.caloes.ca.gov/wp-content/uploads/Preparedness/Documents/CA-Catastrophic-Incident-Base-Plan-Conops.pdf>. Accessed May 29, 2025.
- U.S. Department of the Interior. 2022. *Infrastructure Investment and Jobs Act Wildfire Risk Five-Year Monitoring, Maintenance, and Treatment Plan*. Available: https://www.doi.gov/sites/doi.gov/files/bil-5-year-wildfire-risk-mmt-plan.04.2022.owf_final_.pdf. Accessed May 26, 2025.
- U.S. Environmental Protection Agency. 2016 (May). Emerging Contaminant and Federal Facility Contaminants of Concern. Available: https://19january2017snapshot.epa.gov/fedfac/emerging-contaminants-and-federal-facility-contaminants-concern_.html. Accessed December 27, 2024.
- . 2019. *Managing Your Hazardous Waste: A Guide for Small Business*. Available: https://www.epa.gov/sites/default/files/2019-10/documents/10008_managingyourhazwaste_508pdf_october_16_2019.pdf. Accessed February 4, 2025.
- . 2020a. *Hazardous Waste Requirements for Large Quantity Generators (LQGs)*. Available: https://www.epa.gov/sites/default/files/2020-07/documents/10635_lqg-factsheet_508.pdf. Accessed February 4, 2025.
- . 2020b. *Summary of Requirements for Very Small Quantity Generators (VSQGs)*. Available: https://www.epa.gov/sites/default/files/2020-07/documents/10635_vsqq-factsheet_508.pdf. Accessed February 4, 2025.

- . 2023. TRI Toxics Tracker. Retrieved from: <https://edap.epa.gov/public/extensions/TRIToxicsTracker/TRIToxicsTracker.html#continue>. Accessed February 3, 2025.
- . 2024a (October). Categories of Hazardous Waste Generators. Available: <https://www.epa.gov/hwgenerators/categories-hazardous-waste-generators>. Accessed December 27, 2024.
- . 2024b (January). Contaminants of Emerging Concern Including Pharmaceuticals and Personal Care Products. Available: <https://www.epa.gov/wqc/contaminants-emerging-concern-including-pharmaceuticals-and-personal-care-products>. Accessed December 27, 2024.
- . 2024c (November). Regional Screening Levels (RSLs) - Frequent Questions. Available: <https://www.epa.gov/risk/regional-screening-levels-rsls-frequent-questions#FQ1>. Accessed February 4, 2025.
- . 2025a. Contaminants of Emerging Concern including Pharmaceuticals and Personal Care Products. Available: <https://www.epa.gov/wqc/contaminants-emerging-concern-including-pharmaceuticals-and-personal-care-products>. Accessed May 26, 2025.
- . 2025b. RCRAInfo Search. Available: <https://enviro.epa.gov/envirofacts/rcrainfo/search>. Retrieved February 3, 2025.
- . 2025c. What Is the Toxics Release Inventory? Available: <https://www.epa.gov/toxics-release-inventory-tri-program/what-toxics-release-inventory>. Accessed February 3, 2025.
- . 2025d. Releases from Underground Storage Tanks. Available: <https://www.epa.gov/ust/releases-underground-storage-tanks>. Accessed May 30, 2025.
- U.S. Forest Service. 2022. Wildfire Crisis Strategy. Available: https://www.fs.usda.gov/sites/default/files/fs_media/fs_document/Confronting-the-Wildfire-Crisis.pdf. Accessed May 26, 2025.
- . 2025 (January). Wildfire Crisis Annual Update. Available: https://www.fs.usda.gov/sites/default/files/fs_media/fs_document/WCS-making-difference.pdf. Accessed August 6, 2025.

Section 4.10 Hydrology and Water Quality

- Agnew, D. C. 1979. "Tsunami History of San Diego." In *Earthquakes and Other Perils, San Diego Region*, edited by L. Abbott and W. J. Elliott. San Diego Association of Geologists for the Geological Society of America. Available: <https://igppweb.ucsd.edu/~agnew/Pubs/agnew.a09.pdf>. Accessed December 30, 2024.
- Anastas, K. 2024 (May 24). "County: Avoid These Beaches This Memorial Day Because of Bacteria." KPBS. Available: <https://www.kpbs.org/news/health/2024/05/24/county-avoid-these-beaches-this-memorial-day-because-of-bacteria>. Accessed July 23, 2025.
- Borrego Valley Groundwater Sustainability Agency. 2019 (August). *Draft Final Groundwater Sustainability Plan for the Borrego Springs Groundwater Subbasin*. Available: <https://www.sandiegocounty.gov/content/sdc/pds/SGMA/borrego-valley/GSP.html>. Accessed December 30, 2024.
- BVGSA. See Borrego Valley Groundwater Sustainability Agency.
- California Department of Conservation. 2025. Tsunami Hazard Area Map. Available: https://maps.conservation.ca.gov/cgs/informationwarehouse/ts_evacuation/. Accessed March 12, 2025.
- California Department of Transportation. 2019. *Highway Design Manual*. 7th Edition. Available: <https://dot.ca.gov/programs/design/manual-highway-design-manual-hdm>. Accessed June 16, 2025.

- . 2025. Levee Flood Protection Zone. Available: <https://gis.lfpz.water.ca.gov/lfpz/>. Accessed January 2, 2025.
- California Department of Water Resources. 2025. Inundation Maps. Available: <https://water.ca.gov/Programs/All-Programs/Division-of-Safety-of-Dams/Inundation-Maps>. Accessed January 2, 2025.
- Caltrans. See California Department of Transportation.
- Caoile, R. 2024 (March 21). "These Areas in San Diego County Are at the Highest Risk of Flooding, Data Shows." Fox 5 KUSI News. Available: <https://fox5sandiego.com/weather/these-areas-in-san-diego-county-are-at-the-highest-risk-of-flooding-data-shows/>. Accessed July 23, 2025.
- CEP and SDF. See Climate Education Partners and San Diego Foundation.
- Climate Education Partners and San Diego Foundation. 2015. *San Diego, 2050 Is Calling, How Will We Answer? Facing the Future: How Science Can Help Prepare San Diego Regional Leaders for Climate Change*. San Diego, CA.
- City News Service. 2024. "Water Contact Closures, Advisories Listed for San Diego County Beaches." KPBS. Available: <https://www.kpbs.org/news/public-safety/2024/11/04/water-contact-closures-advisories-listed-for-san-diego-county-beaches>. Accessed July 23, 2025.
- City of Escondido. n.d. Hale Avenue Resource Recovery Facility (HARRF). Available: <https://www.escondido.gov/194/Hale-Avenue-Resource-Recovery-Facility-H>. Accessed January 2, 2025.
- City of San Diego. 2015. *Seismic Safety Element*. Available: <http://www.sandiego.gov/planning/genplan/pdf/generalplan/seismicsafetysafetyelement.pdf>. Accessed June 16, 2025.
- . 2022. *Application for Renewal of NPDES CA0107409 and 301(h) Modified Secondary Treatment Requirements, Point Loma Ocean Outfall, Volumes I through X*. Prepared by the Public Utilities Department, March. Available: https://www.sandiego.gov/sites/default/files/volume_ii_parts_1_through_3.pdf. Accessed December 30, 2024.
- . 2023. *Standard Operating Procedures*. Available: <https://www.sandiego.gov/sites/default/files/fpm-sop.pdf>. Accessed July 1, 2025.
- . 2024. *City of San Diego Stormwater Standards*. Available: https://www.sandiego.gov/sites/default/files/2024-08/sws_manual_august_2024_update.pdf. Accessed July 1, 2025.
- . n.d.-a. Water and Wastewater Facilities. Available: <https://www.sandiego.gov/public-utilities/water-quality/water-wastewater-facilities>. Accessed January 2, 2025.
- . n.d.-b. Maps of Flood-Prone Areas. Available: <https://www.sandiego.gov/storm/maps>. Accessed July 23, 2025.
- CNS. See City News Service.
- Colorado River Basin Regional Water Quality Control Board. 2024. *Water Quality Control Plan Colorado River Basin – Region 7*. Available: https://www.waterboards.ca.gov/coloradoriver/water_issues/programs/basin_planning/docs/rb7-basin-plan.pdf. Accessed December 30, 2024.
- County of San Diego. 2007. *Floodplain Management Plan*. Available: https://www.sandiegocounty.gov/content/dam/sdc/dpw/FLOOD_CONTROL/floodcontroldocuments/floodplainmanagementplan.pdf. Accessed January 3, 2025.
- . 2010. *County of San Diego Department of Planning and Land Use General Plan Update, Groundwater Study*. Available:

- https://www.sandiegocounty.gov/content/dam/sdc/pds/gpupdate/docs/EIR_2009/EIR_Appn_D_Groundwater_070109.pdf. Accessed December 30, 2024.
- . 2011a (August). "Chapter 2.8, Hydrology and Water Quality." *San Diego County General Plan Update EIR*. Available: https://www.sandiegocounty.gov/content/dam/sdc/pds/gpupdate/docs/BOS_Aug2011/EIR/FEIR_2.08_-_Hydrology_2011.pdf. Accessed December 30, 2024.
- . 2011b. *General Plan Safety Element*. Available: <https://www.sandiegocounty.gov/content/dam/sdc/pds/gpupdate/SafetyElement-Aug2021.pdf>. Accessed July 1, 2025.
- . 2014a (July). *Low Impact Development Handbook. Storm Water Management Strategies*.
- . 2014b (September). *Hydraulic Design Manual*. Department of Public Works, Flood Control Section.
- . 2020. *County of San Diego BMP Design Manual*. Available: https://www.sandiegocounty.gov/content/sdc/dpw/watersheds/DevelopmentandConstruction/BMP_Design_Manual.html. Accessed January 3, 2025.
- . 2023. *San Diego County Multi-Jurisdictional Hazard Mitigation Plan*. Available: https://www.sandiegocounty.gov/content/dam/sdc/oes/emergency_management/HazMit/2023/MJHMP_SD%20County%20Base%20Plan%202023.pdf. Accessed January 3, 2025.
- . 2025 (February). *Local Agency Management Program for Onsite Wastewater Treatment Systems*. Available: <https://www.sandiegocounty.gov/content/dam/sdc/deh/lwqd/finalLAMPeffective02012025.pdf>. Accessed July 1, 2025.
- CRB RWQCB. See Colorado River Basin Regional Water Quality Control Board.
- DWR. See California Department of Water Resources.
- Encina Wastewater Authority. n.d. Encina Water Pollution Control Facility. Available: <https://www.encinajpa.com/>. Accessed January 2, 2025.
- EPA. See U.S. Environmental Protection Agency.
- EWA. See Encina Wastewater Authority.
- Federal Emergency Management Agency. 2011. *Definitions*. Available: https://www.fema.gov/pdf/nfip/manual201105/content/22_definitions.pdf. Accessed January 3, 2025.
- . 2020. Floodway. Available: <https://www.fema.gov/about/glossary/floodway>. Accessed January 3, 2025.
- . 2025. FEMA Flood Map Service Center, San Diego County, All Jurisdictions. Available: <https://msc.fema.gov/portal/advanceSearch#searchresultsanchor>. Accessed March 20, 2025.
- FEMA. See Federal Emergency Management Agency.
- Higgs, S. 2024 (October 9). "San Diego Stormwater Crisis Part 2 – Tackling Stormwater Management with Action & Funding." San Diego Coastkeeper. Available: <https://www.sdcoastkeeper.org/blog/san-diego-stormwater-crisis-infrastructure-funding/#:~:text=Stormwater%20runoff%20accelerates%20erosion%20as,This%20limits%20aquatic%20plant%20photosynthesis>. Accessed July 23, 2025.
- Jennings, M. K., D. Cayan, J. Kalansky, A. D. Pairis, D. M. Lawson, A. D. Syphard, U. Abeysekera, R. E. S. Clemesha, A. Gershunov, K. Guirguis, J. M. Randall, E. D. Stein, and S. Vanderplank. 2018 (March). *San Diego County Ecosystems: Ecological Impacts of Climate Change on a Biodiversity Hotspot*. Summary report. Climate Science Alliance. San Diego, CA.

- Kalansky, J., D. Cayan, K. Barba, L. Walsh, K. Brouwer, and D. Boudreau. 2018. *California's Fourth Climate Change Assessment: San Diego Region Report*. Available: <http://www.climateassessment.ca.gov/regions/docs/20180827-SanDiego.pdf>. Accessed July 26, 2025.
- Lahontan RWQCB. See Lahontan Regional Water Quality Control Board.
- Lahontan Regional Water Quality Control Board. 2021. *Lahontan Region Water Quality Control Plan*. Available: https://www.waterboards.ca.gov/lahontan/water_issues/programs/basin_plan/docs/2025/preface-contents.pdf. Accessed July 3, 2025.
- LA RWQCB. See Los Angeles Regional Water Quality Control Board.
- Los Angeles Regional Water Quality Control Board. 1994. *Los Angeles Region Water Quality Control Plan*. Available: https://www.waterboards.ca.gov/water_issues/programs/tmdl/docs/303d_policydocs/233.pdf. Accessed July 3, 2025.
- Ocean Protection Council. 2024. *State of California Sea-Level Rise Guidance*. Available: <https://opc.ca.gov/wp-content/uploads/2024/05/California-Sea-Level-Rise-Guidance-2024-508.pdf>. Accessed July 17, 2025.
- OPC. See Ocean Protection Council.
- PCW. See Project Clean Water.
- Project Clean Water. n.d.-a. Santa Margarita Watershed. Available: <https://projectcleanwater.org/watersheds/santa-margarita-wma/#consider>. Accessed December 30, 2024.
- . n.d.-b. San Luis Rey Watershed. Available: <https://projectcleanwater.org/watersheds/san-luis-rey-wma/>. Accessed December 30, 2024.
- . n.d.-c. Carlsbad Watershed. Available: <https://projectcleanwater.org/watersheds/carlsbad-wma/>. Accessed December 30, 2024.
- . n.d.-d. San Dieguito Watershed. Available: <https://projectcleanwater.org/watersheds/san-dieguito-wma/>. Accessed December 30, 2024.
- . n.d.-e. Los Peñasquitos Watershed. Available: <https://projectcleanwater.org/watersheds/los-penasquitos-wma/>. Accessed December 30, 2024.
- . n.d.-f. San Diego River Watershed. Available: <https://projectcleanwater.org/watersheds/san-diego-river-wma/>. Accessed December 30, 2024.
- . n.d.-g. San Diego Bay Watershed. Available: <https://projectcleanwater.org/watersheds/san-diego-bay-wma/>. Accessed December 30, 2024.
- . n.d.-h. Mission Bay Watershed. Available: <https://projectcleanwater.org/watersheds/mission-bay-la-jolla-wma/>. Accessed December 30, 2024.
- . n.d.-i. Tijuana Watershed. Available: <https://projectcleanwater.org/watersheds/tijuana-wma/>. Accessed December 30, 2024.
- Regional Water Management Group. 2018 (November). *Final 2019 San Diego Integrated Regional Water Management Plan*. Available: http://sdirwmp.org/pdf/SDIRWM_Final_2019_IRWM_Plan_Phase1_compiled.pdf. Accessed December 30, 2024.
- SANDAG. See San Diego Association of Governments.
- San Diego Association of Governments. 2021 (December). *San Diego Forward: The Regional Plan Final Environmental Impact Report*. Available: <https://www.sandag.org/regional-plan/2021-regional-plan/environmental-impact-report>. Accessed December 30, 2024.

- San Diego County Water Authority. 2016 (June). *Final 2015 Urban Water Management Plan*. Available: https://www.sdcwa.org/sites/default/files/files/water-management/water_resources/2015%20UWMP%20Final%2006222016.pdf. Accessed December 30, 2024.
- . 2021. *2020 Urban Water Management Plan*. Available: https://www.sdcwa.org/wp-content/uploads/2021/08/2020-UWMP_Final-Print-Version-July-2021-1.pdf. Accessed December 30, 2024.
- San Diego Regional Water Quality Control Board. 2021 (September 1). *The Basin Plan*. Available: https://www.waterboards.ca.gov/sandiego/water_issues/programs/basin_plan/. Accessed January 2, 2025.
- . 2024. *Nitrate/OWTS Policy Basin Plan Amendment*. Available: https://www.waterboards.ca.gov/sandiego/water_issues/programs/basin_plan/nitrate_owts_bpa/. Accessed January 3, 2025.
- San Diego RWQCB. See San Diego Regional Water Quality Control Board.
- Santa Ana RWQCB. See Santa Ana Regional Water Quality Control Board.
- Santa Ana Regional Water Quality Control Board. 1995. *Santa Ana River Basin (8) Water Quality Control Plan*. Available: https://water.waterboards.ca.gov/water_issues/programs/tmdl/docs/303d_policydocs/287.pdf. Accessed July 3, 2025.
- SCAG. See Southern California Association of Governments.
- Schiff, K., J. Giffith, J. Steele, B. Arnold, A. Ercument, J. Benjamin-Chung, J. Colford, J. Soller, R. Wilson, and C. McGee. 2016. *The Surfer Health Study*. SCCWRP Technical Report 943.
- SDCWA. See San Diego County Water Authority.
- Smith, D. 2024. "Coronado Keeps Making Best Beaches Lists Despite Water Quality Issues." NBC 7 San Diego. Available: <https://www.nbcsandiego.com/news/local/coronado-best-beaches-lists-water-quality-issues/3532540/#:~:text=Following%20the%20border%20sewage%20crisis,the%20Coronado%20shoreline%20on%20Tuesday>. Accessed July 23, 2025.
- SOC. See South Orange County.
- Southern California Association of Governments. 2024. *Program Environmental Impact Report (PEIR) for the Connect SoCal Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS)*. Available: <https://scag.ca.gov/peir>. Accessed April 8, 2025.
- South Orange County. 2024. *South Orange County Water Quality Improvement Plan*. Available: <https://www.southocwqip.org/>. Accessed December 30, 2024.
- State Water Resources Control Board. 2006. *California's AquaGems: Areas of Special Biological Significance*. Available: https://www.waterboards.ca.gov/water_issues/programs/ocean/docs/asbs/wrkshps_aug2006/comments/david_beckman1.pdf. Accessed July 1, 2025.
- . 2012a (March). *Special Protections for Areas of Special Biological Significance, Governing Point Source Discharges of Storm Water and Nonpoint Source Waste Discharges*.
- . 2012b. *National Pollutant Discharge Elimination System (NPDES) Statewide Storm Water Permit Waste Discharge Requirements (WDRS) for State of California Department of Transportation*. Order No. 2012-0011-DWQ. NPDES No. CAS000003.
- . 2012c. *State Water Resources Control Board Resolution No. 2012-0032*. Available: https://www.waterboards.ca.gov/board_decisions/adopted_orders/resolutions/2012/rs2012_0032.pdf. Accessed August 6, 2025.

- . 2018. *2018 California Integrated Report (Clean Water Act Section 303(d) List and 305(b) Report)*. Available: https://www.waterboards.ca.gov/water_issues/programs/water_quality_assessment/2018_integrated_report.html. Accessed June 16, 2025.
- . 2019. *California Ocean Plan, Water Quality Control Plan for Ocean Waters of California*. Available: https://www.waterboards.ca.gov/water_issues/programs/ocean/docs/oceanplan2019.pdf. Accessed January 2, 2025.
- . 2022 (September 8). *Order 2022-0057-DWQ NPDES General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities*. Construction General Permit.
- . 2024a. *Interactive SSO Report*. Available: https://ciwqs.waterboards.ca.gov/ciwqs/readOnly/PublicReportSSOServlet?reportAction=criteria&reportId=sso_main. Accessed May 23, 2025.
- . 2024b. *Adopted TMDLs*. Available: https://www.waterboards.ca.gov/sandiego/water_issues/programs/tmdls/tmdladopted.html. Accessed January 3, 2025.
- . 2025. *GeoTracker*. Available: <https://geotracker.waterboards.ca.gov/>. Retrieved January 2, 2025.
- SWRCB. See State Water Resources Control Board.
- Tandon, A. 2021 (April 19). "Climate Change Could Cause 'Irreversible Impacts' to Lake Ecosystems." CarbonBrief. Available: <https://www.carbonbrief.org/climate-change-could-cause-irreversible-impacts-to-lake-ecosystems/>. Accessed July 23, 2025.
- U.S. Environmental Protection Agency. 2024. *Overview of Impaired Waters and Total Maximum Daily Loads Program*. Available: <https://www.epa.gov/tmdl/overview-impaired-waters-and-tmdls-program-under-cwa-section-303d>. Accessed January 3, 2025.
- . 2025. *Stormwater Discharges from Transportation Sources*. Available: <https://www.epa.gov/npdes/stormwater-discharges-transportation-sources>. Accessed July 1, 2025.
- USGS. See U.S. Geologic Survey.
- U.S. Geologic Survey. 2023. *Water Quality After Wildfire*. Available: <https://www.usgs.gov/mission-areas/water-resources/science/water-quality-after-wildfire#:~:text=Wildfires%20pose%20a%20substantial%20risk%20to%20water,providers%20to%20monitor%20and%20assess%20water%20quality>. Accessed July 23, 2025.
- Wiłkomirski, B., B. Sudnik-Wójcikowska, H. Galera, M. Wierzbicka, and M. Malawska. 2010. "Railway Transportation as a Serious Source of Organic and Inorganic Pollution." *Water Air Soil Pollution*. Available: https://pmc.ncbi.nlm.nih.gov/articles/PMC3096763/pdf/11270_2010_Article_645.pdf. Accessed July 1, 2025.

Section 4.11 Land Use and Planning

BLM. See Bureau of Land Management.

- Bureau of Land Management. 2008. *Eastern San Diego County Resource Management Plan and Record of Decision*. Available: https://eplanning.blm.gov/public_projects/lup/71564/95316/115275/Eastern_San_Diego_County_RMP_ROD.pdf. Accessed April 2, 2025.
- California Coastal Commission. 2025. *Maps, Local Coastal Program Areas*. Available: <https://coastal.ca.gov/maps/lcp/>. Accessed April 2, 2025.
- California High Speed Rail Authority. 2005 (August). *Program Environmental Impact Report/Environmental Impact Statement for the Proposed California High-Speed Train System*. Available:

- <https://hsr.ca.gov/programs/environmental-planning/program-eir-eis-documents-for-the-statewide-high-speed-rail-system-tier-1/final-program-environmental-impact-report-environmental-impact-statement-eir-eis-for-the-proposed-california-high-speed-train-system-2005/>. Accessed April 8, 2025.
- City of Carlsbad. 2015. *Carlsbad General Plan*. Available: <https://www.carlsbadca.gov/departments/community-development/planning/general-plan>. Accessed January 13, 2025.
- . 2021. *2021-2029 Housing Element*. Available: <https://www.carlsbadca.gov/home/showpublisheddocument/7213/637629115272470000>. Accessed January 13, 2025.
- City of Chula Vista. 2020. *City of Chula Vista General Plan*. Available: <https://www.chulavistaca.gov/departments/development-services/planning/planning-digital-library/general-plan>. Accessed January 13, 2025.
- . 2021. *Housing Element of the General Plan*. Available: <https://www.chulavistaca.gov/home/showpublisheddocument/22775/637581702237870000>. Accessed January 13, 2025.
- City of Coronado. 2003. *Coronado General Plan*. Available: <https://www.coronado.ca.us/DocumentCenter/View/1580/General-Plan-PDF>. Accessed January 13, 2025.
- . 2024. *2021-2029 Housing Element Update*. Available: <https://www.projectcoronado.org/housing-element-update>. Accessed January 13, 2025.
- City of Del Mar. 1985. *The Community Plan*. Available: <https://www.delmar.ca.us/DocumentCenter/View/622/Community-Plan-1976?bidId=>. Accessed January 13, 2025.
- . 2021. *City of Del Mar Housing Element Update (2021-2029)*. Available: http://www.delmar.ca.us/DocumentCenter/View/7542/Del-Mar-6th-Cycle-HEU_Council-Adopted3252021_FINAL-PDF?bidId=. Accessed January 13, 2025.
- City of El Cajon. 2001. *City of El Cajon General Plan*. Available: <https://www.elcajon.gov/home/showdocument?id=140>. Accessed January 13, 2025.
- . 2022. *City of El Cajon 2021-2029 Housing Element*. Available: <https://www.elcajon.gov/home/showpublisheddocument/25373/638036046563330000>. Accessed January 13, 2025.
- City of Encinitas. 1995. *City of Encinitas General Plan*. Available: <https://portal.laserfiche.com/Portal/browse.aspx?id=665622&repo=r-d8c5c08d>. Accessed January 13, 2025.
- . 2021. *Encinitas 6th Cycle Housing Element 2021-2029*. Available: <https://portal.laserfiche.com/Portal/DocView.aspx?id=822467&repo=r-d8c5c08d>. Accessed January 13, 2025.
- City of Escondido. 2012. *General Plan*. Available: <https://escondido.gov/1106/Policy-and-Regulatory-Documents>. Accessed January 13, 2025.
- . 2021. *City of Escondido 6th Cycle Housing Element 2021-2029*. Available: <https://escondido.gov/DocumentCenter/View/2499/Chapter-IV---Housing-amended-as-of-March-22-2023-PDF>. Accessed January 13, 2025.
- City of Imperial Beach. 2021. *City of Imperial Beach Housing Element of the General Plan Year 2021-2029*. Available: <https://imperialbeachca.gov/DocumentCenter/View/337/Final-Adopted-6th-Cycle-Housing-Element-with-AFFH-PDF>. Accessed January 13, 2025.

-
- . 2024. *City of Imperial Beach General Plan/Local Coastal Plan*. Available: <https://imperialbeachca.gov/DocumentCenter/View/2388/General-Plan-LCP-Updated-2024?bidId=>. Accessed January 13, 2025.
- City of La Mesa. 2013. *2012 General Plan*. Available: <https://www.cityoflamesa.us/953/General-Plan>. Accessed January 13, 2025.
- . 2023. *Housing Element Update*. Available: <https://www.cityoflamesa.us/DocumentCenter/View/18333/Adopted-La-Mesa-Housing-Element?bidId=>. Accessed January 13, 2025.
- City of Lemon Grove. 1996. *General Plan*. Available: <https://www.lemongrove.ca.gov/media/neqcgowf/lemon-grove-general-plan.pdf>. Accessed January 13, 2025.
- . 2023. *Housing Element Update*. Available: <https://www.lemongrove.ca.gov/our-government/community-development/planning-zoning/>. Accessed January 13, 2025.
- City of National City. 2011. *National City General Plan*. Available: <https://www.nationalcityca.gov/home/showpublisheddocument/29222/637963502359500000>. Accessed January 13, 2025.
- . 2021. *City of National City 6th Cycle Housing Element 2021-2029*. Available: <https://www.nationalcityca.gov/government/community-development/planning/focused-general-planupdate>. Accessed January 13, 2025.
- City of Oceanside. 2002. *General Plan*. Available: <https://www.ci.oceanside.ca.us/government/development-services/planning/general-plan>. Accessed January 13, 2025.
- . 2023. *City of Oceanside 2021-2029 Housing Element*. Available: <https://www.ci.oceanside.ca.us/home/showpublisheddocument/13945/638447160308570000>. Accessed January 13, 2025.
- . 2024. *City of Oceanside General Plan Update - Onward Oceanside*. Available: <https://onwardoceanside.com/>. Accessed January 13, 2025.
- City of Poway. 1991. *Poway Comprehensive Plan*. Available: <https://docs.poway.org/WebLink/DocView.aspx?id=49298&dbid=0&repo=CityofPoway>. Accessed January 13, 2025.
- . 2024. *City of Poway Housing Element*. Available: <https://poway.org/DocumentCenter/View/10883/City-of-Poway-Adopted-Housing-Element---April-2024?bidId=>. Accessed January 13, 2025.
- City of San Diego. 2006. *San Diego Downtown Community Plan*. Available: <https://www.sandiego.gov/sites/default/files/downtown-comunity-plan-all-1.pdf>. Accessed June 30, 2025.
- . 2020. *City of San Diego General Plan Housing Element 2021-2029*. Available: https://www.sandiego.gov/sites/default/files/he_final_print_view_june2021.pdf. Accessed January 13, 2025.
- . 2024. *City of San Diego General Plan*. Available: https://www.sandiego.gov/sites/default/files/2024-07/general-plan_01_introduction_july-2024.pdf. Accessed January 13, 2025.
- City of San Marcos. 2012. *City of San Marcos General Plan*. Available: <https://www.san-marcos.net/work/economic-development/general-plan>. Accessed January 13, 2025.
- . 2021. *2021-2029 Housing Element*. Available: <https://www.san-marcos.net/home/showpublisheddocument/25740/637689416879030000>. Accessed January 13, 2025.
- . 2025. *City of San Marcos General Plan Update*. Available: <https://sanmarcos.generalplan.org/>. Accessed June 2, 2025.

- City of Santee. 2003. *City of Santee General Plan*. Available: <https://www.cityofsantee.ca.gov/departments/planning-building/planning>. Accessed January 13, 2025.
- . 2022. *City of Santee Housing Element Sixth Cycle 2021-2029*. Available: <https://www.cityofsantee.ca.gov/departments/city-clerk/document-central/planning-building/general-plan/gp-housing-element.pdf>. Accessed January 13, 2025.
- City of Solana Beach. 1988. *City of Solana Beach General Plan*. Available: <https://www.cityofsolanabeach.org/en/government/departments/community-development/planning/general-plan>. Accessed January 13, 2025.
- . 2023. *City of Solana Beach 2021-2029 Housing Element Update*. Available: https://www.cityofsolanabeach.org/sites/default/files/Solana%20Beach/Community%20Development/Housing%20Element%20Update/Solana%20Beach%20Housing%20Element%20Update_February2023_Clean.pdf. Accessed January 13, 2025.
- City of Vista. 2012. *Vista General Plan 2030*. Available: <https://www.vista.gov/departments/community-development/permits-forms/vista-general-plan-2030>. Accessed January 13, 2025.
- . 2022. *Housing Element Update*. Available: <https://www.cityofvista.com/city-services/citydepartments/community-development/housing-element-update>. Accessed January 13, 2025.
- County of San Diego. 2011. *San Diego County General Plan*. Available: <https://www.sandiegocounty.gov/content/dam/sdc/pds/gpupdate/docs/Cover-TOC-Vision-UpdateFebruary2023.pdf>. Accessed January 13, 2025.
- . 2021. *6th Cycle Housing Element Update County of San Diego General Plan*. Available: <https://www.sandiegocounty.gov/content/dam/sdc/pds/gpupdate/06-Housing-Element-2021.pdf>. Accessed January 13, 2025.
- HSRA. See California High Speed Rail Authority.
- LCI. See Office of Land Use and Climate Innovation.
- Marine Corps Air Station Miramar. n.d. Marine Corps Air Station Miramar. Available: <https://www.miramar.marines.mil/>. Accessed January 9, 2025.
- Marine Corps Base Camp Pendleton. n.d. Welcome to Marine Corps Base Camp. Available: <https://www.pendleton.marines.mil/Base-Info/Welcome-Aboard/>. Accessed January 9, 2025.
- MCAS Miramar. See Marine Corps Air Station Miramar.
- MCB Camp Pendleton. See Marine Corps Base Camp Pendleton.
- My Base Guide. n.d. Naval Base Point Loma: In-Depth Welcome Center. Available: <https://mybaseguide.com/naval-base-point-loma-welcome-center>. Accessed January 9, 2025.
- National Oceanic and Atmospheric Administration. 2024. What Is Coastal Zone Management? Available: <https://oceanservice.noaa.gov/facts/czm.html>. Accessed April 2, 2025.
- NOAA. See National Oceanic and Atmospheric Administration.
- Office of Land Use and Climate Innovation. 2017. *State of California 2017 General Plan Guidelines*. Available: https://lci.ca.gov/docs/OPR_COMPLETE_7.31.17.pdf. Accessed June 30, 2025.
- SANDAG. See San Diego Association of Governments.
- San Diego Association of Governments. 2021a. *2021 Regional Plan*. Available: <https://www.sandag.org/-/media/SANDAG/Documents/PDF/regional-plan/2021-regional-plan/final-2021-regional-plan/final-2021-regional-plan-flipbook.pdf>. Accessed January 8, 2025.

- . 2021b. *2021 Regional Plan Environmental Impact Report*. Available: <https://www.sandag.org/-/media/SANDAG/Documents/PDF/regional-plan/2021-regional-plan/environmental-impact-report/eir-2021-regional-plan-chapter-4-11-2021-12-01.pdf>. Accessed May 29, 2025.
- . 2025 (May). "Appendix F: Regional Growth Forecast with Sustainable Communities Land Use Pattern." *2025 Regional Plan*. Available: <https://www.sandag.org/regional-plan/-/media/10C998A6E17E42B3B6EEE218B1528CDA.ashx>. Accessed May 29, 2025.
- San Diego County Regional Airport Authority. n.d. Airport Land Use Compatibility. Available: <http://www.san.org/Airport-Projects/Land-Use-Compatibility>. Accessed January 8, 2025.
- . 2025. Airport Land Use Compatibility. Available: <https://www.san.org/Airport-Projects/Land-Use-Compatibility>. Accessed June 2, 2025.
- San Diego International Airport. 2019 (September). *Airport Development Plan Recirculated Draft Environmental Impact Report*. Available: <https://www.san.org/Airport-Projects/Environmental-Affairs#1245263-adp-draft-eir>. Accessed April 8, 2025.
- San Diego Unified Port District. 2025. *Port Master Plan Update*. Available: <https://www.portofsandiego.org/waterfront-development/port-master-plan-update>. Accessed April 2, 2025.
- . 2024. *Port Master Plan*. Available: <https://pantheonstorage.blob.core.windows.net/waterfront-development/Port-Master-Plan.pdf>. Accessed June 2, 2025.
- SanGIS 2025. Tribal land/Indian Reservation for County of San Diego. Available: https://geo.sandag.org/server/rest/directories/downloads/Indian_Reservation_filegdb.zip. Accessed February 25, 2025.
- SCAG. See Southern California Association of Governments.
- SDCRAA. See San Diego County Regional Airport Authority.
- Southern California Association of Governments. 2024a. *Connect SoCal (2024–2045 Regional Transportation Plan/Sustainable Communities Strategy)*. Available: <https://scag.ca.gov/sites/main/files/file-attachments/23-2987-connect-socal-2024-final-complete-040424.pdf?1714175547>. Accessed January 16, 2025.
- . 2024b. *Program Environmental Impact Report (PEIR) for the Connect SoCal Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS)*. Available: <https://scag.ca.gov/peir>. Accessed April 8, 2025.
- U.S. Census Bureau. 2024. 2019–2023 American Community Survey 5-Year Estimates. Available: <https://www.census.gov/tribal/index.html?st=06&aianihh=4500>. Accessed June 30, 2025.
- U.S. Forest Service. 2005. *Executive Summary of the Final Environmental Impact Statement for Revised Land Management Plans*. Available: https://www.fs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb5337802.pdf. Accessed April 2, 2025.
- . 2018. *Ecological Restoration, Cleveland National Forest Leadership Intent*. Available: https://www.fs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb5411431.pdf. Accessed April 2, 2025.
- USFS. See U.S. Forest Service.
- U.S. Navy. n.d. Naval Base Coronado. Available: <https://cnrsw.cnrc.navy.mil/Installations/NAVBASE-Coronado/>. Accessed January 9, 2025.
- U.S. Department of the Navy. 2021. *Navy Old Town Campus Revitalization Draft Environmental Impact Report*. May. Available: <https://navwar-revitalization.com/draft-eis/>. Accessed June 30, 2025.

Section 4.12 Mineral Resources

- California Geological Survey. 2018. *Aggregate Sustainability in California*. Available: https://www.conservation.ca.gov/cgs/Documents/Publications/Map-Sheets/MS_052_California_Aggregates_Report_201807.pdf. Accessed July 2025.
- CGS. See California Geological Survey.
- City of Carlsbad. 2015. *Carlsbad General Plan: Open Space, Conservation, and Recreation*. Available: <https://www.carlsbadca.gov/home/showpublisheddocument/3424/637434861099030000>. Accessed January 2025.
- City of Chula Vista. 2005. *City of Chula Vista General Plan, Environmental*. Available: <https://www.chulavistaca.gov/home/showpublisheddocument/28395/638587882478170000>. Accessed January 2025.
- . 2024. Surface Mining Operations. Available: <https://chulavista.municipal.codes/CVMC/19.69>. Accessed January 2025.
- City of Coronado. 2003. *City of Coronado General Plan*. Available: <https://www.coronado.ca.us/DocumentCenter/View/1057/General-Plan-PDF?bidId=>. Accessed January 2025.
- City of Del Mar. 2024. Municipal Code 23.32. Available: https://library.municode.com/ca/del_mar/codes/municipal_code. Accessed January 2025.
- City of El Cajon. 2001. *City of El Cajon General Plan 2000*. Available: <https://www.elcajon.gov/home/showdocument?id=140>. January 2025.
- City of Encinitas. 2024. *General Plan*. Available: <https://portal.laserfiche.com/Portal/browse.aspx?id=665622&repo=r-d8c5c08d>. January 2025.
- City of Escondido. 2012. *City of Escondido General Plan: VII. Resource Conservation*. Available: <https://escondido.gov/DocumentCenter/View/2503/Chapter-VII---Resource-Conservation-PDF>. Accessed January 2025.
- City of Imperial Beach. 2024. *City of Imperial Beach General Plan and Local Coastal Plan*. Available: <https://imperialbeachca.gov/DocumentCenter/View/2388/General-Plan-LCP-Updated-2024>. Accessed January 2025.
- City of La Mesa. 2013. *La Mesa General Plan: Conservation & Sustainability Element*. Available: <https://www.cityoflamesa.us/DocumentCenter/View/6199/05LaMesaGPConservSustain-CD?bidId=>. Accessed January 2025.
- City of Lemon Grove. 1996. *Lemon Grove General Plan*. Available: <https://www.lemongrove.ca.gov/media/neqcgowf/lemon-grove-general-plan.pdf>. Accessed January 2025.
- City of National City. 2011. *National City General Plan*. Available: <https://www.nationalcityca.gov/home/showpublisheddocument/29222/637963502359500000>. Accessed January 2025.
- City of Oceanside. 2002. *Oceanside General Plan: Land Use Element*. Available: <https://www.ci.oceanside.ca.us/home/showpublisheddocument/3868/637952805795270000>. Accessed January 2025.
- City of Poway. 1991. *Poway Comprehensive Plan: The General Plan. Natural Resources Element*. Available: <https://docs.poway.org/WebLink/DocView.aspx?id=49302&dbid=1&repo=CityofPoway>. Accessed January 2025.

- City of San Diego. 2024. *City of San Diego General Plan: Conservation Element*. Available: https://www.sandiego.gov/sites/default/files/2024-07/general-plan_08_conservation_july-2024.pdf. Accessed January 2025.
- City of San Marcos. 2012. *City of San Marcos General Plan: Conservation and Open Space Element*. Available at: <https://www.san-marcos.net/home/showpublisheddocument/8478/636597348039500000>. Accessed January 2025.
- City of Santee. 2003. *Santee General Plan: Conservation Element*. Available: <https://www.cityofsantee.ca.gov/documents/planning-building/general-plan/gp-conservation-element.pdf>. Accessed January 2025.
- City of Solana Beach. 2014. *General Plan Conservation and Open Space Element*. Available: <https://www.codepublishing.com/CA/SolanaBeach/#!/SolanaBeachGP/SolanaBeachGP03.html>. Accessed January 2025.
- City of Vista. 2011. *Vista General Plan 2030 Draft Program Environmental Impact Report*. Available: <https://www.vista.gov/Home/ShowDocument?id=15644>. Accessed January 2025.
- County of San Diego. 2011. *San Diego County General Plan Update EIR*. Available: https://www.sandiegocounty.gov/content/dam/sdc/pds/gpupdate/docs/BOS_Aug2011/EIR/FEIR_2.10_-_Minerals_2011.pdf. Accessed January 2025.
- Dudek. 2020. *Paleontological Resources Review Memorandum*. Available: https://www.sandiego.gov/sites/default/files/dsd_appendix_n_paleo_resources_review_memo.pdf. Accessed January 2025.
- Hudson Institute of Mineralogy. 2024. Pala Mining District. Available at: <https://www.mindat.org/loc-3560.html>. Accessed January 2025.
- SCAG. See Southern California Association of Governments.
- SMGB. See State Mining and Geology Board.
- Southern California Association of Governments. 2024a. *Program Environmental Impact Report for the Connect SoCal (2024-2050 Regional Transportation Plan/Sustainable Communities Strategy) 2024*. Available: <https://scag.ca.gov/peir>. Accessed January 2025
- . 2024b. *Connect So Cal: A Plan for Navigating to a Brighter Future*. Available: <https://scag.ca.gov/connect-socal>. Accessed January 2025
- State Mining and Geology Board. 2024. About the Board. Available: <https://www.conservation.ca.gov/smgb/Pages/About-The-Board.aspx>. Accessed January 2025.

Section 4.13 Noise and Vibration

- California Department of Transportation. 2011 (October). *California Airport Land Use Planning Handbook*. Division of Aeronautics. Available: <https://dot.ca.gov/-/media/dot-media/programs/aeronautics/documents/californiaairportlanduseplanninghandbook-a11y.pdf>. Accessed January 2, 2025.
- . 2013. *Technical Noise Supplement to the Traffic Noise Analysis Protocol*. Final. CT-HWANP-RT-13-069.25.2. Division of Environmental Analysis, Environmental Engineering, Hazardous Waste, Air, Noise, and Paleontology Office, Sacramento, CA.
- . 2020a (April). *Transportation and Construction Vibration Guidance Manual*. Available: <https://dot.ca.gov/-/media/dot-media/programs/environmental-analysis/documents/env/tcvgm-apr2020-a11y.pdf>. Accessed January 2, 2025.

- . 2020b (April). *Traffic Noise Analysis Protocol for New Highway Construction, Reconstruction, and Retrofit Barrier Projects*. Available: <http://dot.ca.gov/-/media/dot-media/programs/environmental-analysis/documents/env/traffic-noise-protocol-april-2020-a11y.pdf>. Accessed December 30, 2024.
- Caltrans. See California Department of Transportation.
- City of Carlsbad. 2015 (September). *Carlsbad General Plan*. Available: <https://www.carlsbadca.gov/home/showpublisheddocument/3416/637434861085570000>. Accessed December 31, 2024.
- . 2024. Municipal Code Section 8.48. Available: <https://ecode360.com/44005824?highlight=noise&searchId=16417000775038061#44005825>. Accessed December 31, 2024.
- City of Chula Vista 2025. Municipal Code Chapter 17. Available: <https://chulavista.municipal.codes/CVMC/19.68.030>. Accessed January 2, 2025.
- City of Coronado. 2025. Municipal Code Title 41. Available: <https://coronado.municipal.codes/CMC/41>. Accessed January 2, 2025.
- City of Del Mar. 1985. *The Community Plan*. Available: <https://www.delmar.ca.us/DocumentCenter/View/622/Community-Plan-1976?bidId=>. Accessed January 13, 2025.
- . 2024. Municipal Code Chapter 9.20. Available: https://library.municode.com/ca/del_mar/codes/municipal_code?nodeId=TIT9PUSAPEWE_CH9.20NORE_9.20.040SOLELI. Accessed December 31, 2024.
- City of El Cajon. 2024. Municipal Code Chapter 17. Available: <https://ecode360.com/44374836#44374836>. Accessed December 31, 2024.
- City of Encinitas. 2024. Municipal Code Chapter 30. Available: <https://ecode360.com/44483878#44483878>. Accessed December 31, 2024.
- City of Escondido. 2024. Municipal Code Chapter 17. Available: <https://ecode360.com/43259848#43259902>. Accessed December 31, 2024.
- City of Imperial Beach. 2024. Municipal Code Chapter 9.32. Available: <https://ecode360.com/42863416?highlight=noise,nois%20noise,noises&searchId=16422336853795138#42863415>. Accessed December 31, 2024.
- City of La Mesa. 2024. Municipal Code Chapter 10. Available: https://library.municode.com/ca/la_mesa/codes/code_of_ordinances?nodeId=TIT10PUPESAMO_CH10.80NORE_10.80.040AMBANOLE. Accessed December 31, 2024.
- City of Lemon Grove. 2024. Municipal Code Chapter 9. Available: <https://ecode360.com/44607966#44607972>. Accessed December 31, 2024.
- City of National City. 2024. Municipal Code Chapter 12. Available: https://library.municode.com/ca/national_city/codes/code_of_ordinances?nodeId=CD_ORD_TIT12NOCO_CH12.06EXNOLI. Accessed December 31, 2024.
- City of Oceanside. 2002. *General Plan*. Available: <https://www.ci.oceanside.ca.us/gov/dev/planning/general.asp>. Accessed January 13, 2025.
- . 2024. Municipal Code Chapter 38 Noise Control. Available: https://library.municode.com/ca/oceanside/codes/code_of_ordinances?nodeId=CH38NOCO. Accessed December 31, 2024.

- City of Poway. 2024. Municipal Code. Available: <https://www.codepublishing.com/CA/Poway/#!/Poway08/Poway0808.html#8.08.040>. Accessed December 31, 2024.
- City of San Diego. 2024. Municipal Code Article 9.5. Available: <https://docs.sandiego.gov/municode/MuniCodeChapter05/Ch05Art09.5Division04.pdf>. Accessed December 31, 2024.
- City of San Marcos. 2024. Municipal Code. Available: https://library.municode.com/ca/san_marcos/codes/code_of_ordinances?nodeId=TIT20ZO_CH20.300SIPLGEDEST_S20.300.070PEST. Accessed December 31, 2024.
- City of Santee. 2025. Municipal Code. Available: <https://ecode360.com/43748808#43748816>. Accessed January 2, 2025.
- City of Solana Beach. 2025. Municipal Code. Available: <https://www.codepublishing.com/CA/SolanaBeach/#!/SolanaBeach07/SolanaBeach0734.html#7.34>. Accessed January 2, 2025.
- City of Vista. 2025. Municipal Code Chapter 8.32. Available: <https://records.vista.gov/WebLink/PDF/tmubpa5vvx2pl02xmcbzisy/5/muni%20code%208.32%20noise%20control.pdf>. Accessed January 13, 2025.
- County of San Diego. 2011. *General Plan*. Available: <https://www.sandiegocounty.gov/content/sdc/pds/generalplan.html>. Accessed May 2025.
- . 2024. Municipal Code Chapter 36. Available: https://codelibrary.amlegal.com/codes/san_diego/latest/sandiego_regs/0-0-0-76067#JD_36.404. Accessed December 31, 2024.
- EPA. See U.S. Environmental Protection Agency.
- Federal Highway Administration. 2006 (January). *Roadway Construction Noise Model User's Guide*. Washington, DC. Prepared by the Research and Innovative Technology Administration, Cambridge, MA.
- . 2011 (December). *Highway Traffic Noise: Analysis and Abatement Guidance*. FHWA-HEP-10-025.
- Federal Railroad Administration. 2012 (September). *High-Speed Ground Transportation Noise and Vibration Impact Assessment*. Washington, DC. Available: https://railroads.dot.gov/sites/fra.dot.gov/files/fra_net/2680/20120220_FRA_HSR_NV_Manual_FINAL_102412.pdf. Accessed March 2025.
- Federal Transit Administration. 2018 (September). *Transit Noise and Vibration Impact Assessment Manual*. Final. FTA Report No. 0123. Washington, DC. Volpe National Transportation Systems Center, Cambridge, MA. Available: https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/research-innovation/118131/transit-noise-and-vibration-impact-assessment-manual-fta-report-no-0123_0.pdf. Accessed December 30, 2024.
- FHWA. See Federal Highway Administration.
- FRA. See Federal Railroad Administration.
- FTA. See Federal Transit Administration.
- Governor's Office of Planning and Research. 2017 (August). *State of California General Plan Guidelines*. Sacramento, CA. Available: <https://lci.ca.gov/planning/general-plan/guidelines.html/>. Accessed March 5, 2025.
- National Cooperative Highway Research Program. 1999. *Mitigation of Nighttime Construction Noise, Vibrations, and Other Nuisances*. Transportation Research Board National Research Council.

- National Research Council. 1999. *Science for Decision Making; Coastal and Marine Geology at the U.S. Geological Survey*. National Academy Press. Washington, DC.
- NCHRP. See National Cooperative Highway Research Program.
- OPR. See Governor's Office of Planning and Research.
- San Diego Association of Governments. 2021 (February). *California-Baja California 2021 Border Master Plan*. Available: <https://www.calibajabmp.org/reports>. Accessed March 12, 2025.
- SANDAG. See San Diego Association of Governments.
- San Diego County Regional Airport Authority. 2014 (April). *San Diego International Airport Land Use Compatibility Plan*. Prepared by Ricondo & Associates, Inc. Available: http://www.san.org/DesktopModules/Bring2mind/DMX/API/Entries/Download?EntryId=2990&Command=Core_Download&language=en-US&PortalId=0&TabId=807. Accessed December 30, 2024.
- . 2019 (September). *Airport Development Plan San Diego International Airport*. Available: <https://www.san.org/Airport-Projects/Environmental-Affairs#1245263-adp-draft-eir>. Accessed March 12, 2025.
- . 2022a (April). *Ramona Airport Land Use Compatibility Plan*. Prepared by Ricondo & Associates, Inc.
- . 2025. *Airport Land Use Compatibility*. Available: <https://www.san.org/Airport-Projects/Land-Use-Compatibility>. Accessed January 2, 2025.
- . 2022b (May). *14 CFR Part 150 Update Noise Exposure Maps and Noise Compatibility Program Final Report*. Prepared by Mead & Hunt. Available: <https://www.san.org/Aircraft-Noise/FAR-Part-150>. Accessed May 28, 2025.
- San Diego International Airport. 2025. *Airport Land Use Compatibility*. Available: <https://www.san.org/Airport-Projects/Land-Use-Compatibility?EntryId=8297>. Accessed May 28, 2025.
- SDCRAA. See San Diego County Regional Airport Authority.
- Southern California Association of Governments. 2024 (April). "3.13 Noise." *Draft Program Environmental Impact Report (PEIR) for the Connect SoCal Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS)*. Available: <https://scag.ca.gov/peir>. Accessed March 12, 2025.
- U.S. Environmental Protection Agency. 1971 (December). *Noise from Construction Equipment and Operations, Building Equipment, and Home Appliances*. Washington, DC. Prepared by Bolt Baranek and Newman.———. 1977 (May). *Speech Levels in Various Noise Environments*. EPA-600/1-77-025. Washington, DC. Prepared by Bolt, Baranek, and Newman.
- WHO. See World Health Organization.
- World Health Organization. 1999 (April). *Guidelines for Community Noise*. London, United Kingdom.

Section 4.14 Population and Housing

- California Coastal Commission. 2016. *San Diego County Local Coastal Programs*. Available: <https://www.coastal.ca.gov/maps/lcp/>. Accessed July 18, 2025.
- California Department of Transportation and Secretariat of Infrastructure, Urban Development, and Territorial Reorganization. 2021. *California-Baja California Border Master Plan*. Available: <https://www.calibajabmp.org/>. Accessed May 29, 2025.
- California Employment Development Department. 2025 (May 16). *Monthly Labor Force Data for Cities and Census Designated Places (CDP). April 2025 – Preliminary*. Labor Market Information Division. Available: <https://labormarketinfo.edd.ca.gov/file/lfmonth/sandisub.xls>. Accessed March 31, 2025.

- California Housing Partnership Corporation 2024 (May). *San Diego County 2024: Affordable Housing Needs Report*. Available: https://chpc.net/wp-content/uploads/2024/05/San-Diego_Housing_Report.pdf. Accessed March 31, 2025.
- Caltrans and SIDURT. See California Department of Transportation and Secretariat of Infrastructure, Urban Development, and Territorial Reorganization.
- CHPC. See California Housing Partnership Corporation.
- City of San Diego. 2020. *City of San Diego General Plan General Plan Housing Element 2021–2029*. Available: <https://www.sandiego.gov/sites/default/files/he-screen-view-smaller.pdf>. Accessed April 9, 2025.
- . 2018. *County of San Diego Local Coastal Program Land Use Plan*. Available at: https://www.sandiegocounty.gov/content/dam/sdc/pds/advance/POD13-009/Attachment-F-%20LUP_Clean.pdf. Accessed July 18, 2025.
- . 2024 (September). *Final 2024 Climate Action Plan*. Available: <https://www.sandiegocounty.gov/content/dam/sdc/sustainability/docs/final2024cap/Final2024CAP.pdf>. Accessed January 31, 2025.
- EDD. See California Employment Development Department.
- Kalansky, J., D. Cayan, K. Barba, L. Walsh, K. Brouwer, and D. Boudreau. 2018. *San Diego Region Report. California's Fourth Climate Change Assessment*. Available: https://www.energy.ca.gov/sites/default/files/2019-11/Reg_Report-SUM-CCCA4-2018-009_SanDiego_ADA.pdf. Accessed January 7, 2025.
- SANDAG. See San Diego Association of Governments.
- San Diego Association of Governments. 2021. *6th Cycle Regional Housing Needs Assessment Methodology*. Available: <https://www.sandag.org/-/media/SANDAG/Documents/PDF/regional-plan/2021-regional-plan/final-2021-regional-plan/2021-regional-plan-appendix-k-2021-05-01.pdf>. Accessed January 7, 2025.
- . 2025a. Housing Acceleration Grant Program. Available: <https://www.sandag.org/funding/grant-programs/smart-growth-and-housing/housing-acceleration-grant-program>. Accessed March 31, 2025.
- . 2025b. *2025 Regional Plan, Appendix F: Regional Growth Forecast with Sustainable Communities Strategy Land Use Pattern*. Available: <https://www.sandag.org/regional-plan/-/media/10C998A6E17E42B3B6EEE218B1528CDA.ashx>. Accessed June 2, 2025.
- San Diego Housing Commission. 2020. *Preserving Affordable Housing in the City of San Diego*. May. Available: <https://www.sdhc.org/wp-content/uploads/2020/05/Affordable-Housing-Preservation-Study.pdf>. Accessed April 9, 2025.
- SCAG. See Southern California Association of Governments.
- Scripps. See Scripps Institution of Oceanography.
- Scripps Institution of Oceanography. 2016. *Scientifically, It Was Still a Monster El Niño Year*. Available: <https://scripps.ucsd.edu/news/scientifically-was-still-monster-el-nino-year>. Accessed January 14, 2025.
- Southern California Association of Governments. 2024. *Connect SoCal 2024 EIR*. Available: <https://scag.ca.gov/peir>. Accessed June 10, 2025.
- USGCRP. See U.S. Global Change Research Program.
- U.S. Global Change Research Program. 2018. *Impacts, Risks, and Adaptation in the United States: Fourth National Climate Assessment*, Volume II, edited by D. R. Reidmiller, C. W. Avery, D. R. Easterling, K. E. Kunkel, K. L. M. Lewis, T. K. Maycock, and B. C. Stewart. Washington, DC. Available: <https://nca2018.globalchange.gov/chapter/front-matter-about/>. Accessed January 31, 2025.

Section 4.15 Public Services, Recreation, and Utilities

CAL FIRE. See California Department of Forestry and Fire.

California Coastal Conservancy. 2019. California Coastal Trail. Available: <https://scc.ca.gov/projects/california-coastal-trail/>. Accessed January 2025.

California Department of Forestry and Fire Protection. 2019. *San Diego County Fire Strategic Plan 2020-2025*. Available: <https://www.sandiegocounty.gov/content/dam/sdc/sdcfa/documents/StratPlan/StratPlanCtyFire.pdf>. Accessed May 2025.

———. 2024. Natural Resources Management. Available: <https://www.fire.ca.gov/what-we-do/natural-resource-management>. Accessed January 2025.

California Department of Education. 2024. Enrollment by Grade. Available: <https://dq.cde.ca.gov/dataquest/dqcensus/EnrGrdLevels.aspx?cds=37&aggllevel=county&year=2024-25>. Accessed July 2025.

———. 2025. Educational Data Management Division. Available: <https://www.cde.ca.gov/ds/si/ds/pubschls.asp>. Accessed July 2025.

California Department of Resources Recycling and Recovery. 2018. *Jurisdiction Diversion/Disposal Rate Detail*. Available: <https://www2.calrecycle.ca.gov/LGCentral/%20DiversionProgram/JurisdictionDiversionDetail/433/Year/2018>. Accessed July 2025.

———. 2023. *Jurisdiction Diversion/Disposal Rate Detail*. Available: <https://www2.calrecycle.ca.gov/LGCentral/DiversionProgram/JurisdictionDiversionPost2006>. Accessed May 23, 2025.

———. 2024a. *Recyclers/Processors Programs*. Available: <https://www2.calrecycle.ca.gov/BevContainer/CertifiedPrograms/RecyclersProcessors/>. Accessed January 2025

———. 2024b. *2021 Disposal Facility-based Characterization of Solid Waste*. Available: <https://www2.calrecycle.ca.gov/Publications/Details/1738>. Accessed January 2025.

———. 2025a. *CalRecycle*. Available: <https://www.calrecycle.ca.gov/>. Accessed May 23, 2025.

———. 2025b. *SWIS Facility/Site Data Exports*. Available: <https://www2.calrecycle.ca.gov/SolidWaste/Site/DataExport>. Accessed May 23, 2025.

California Department of Transportation. 2020. *Highway Design Manual*. Available: <https://dot.ca.gov/-/media/dot-media/programs/design/documents/hdm-complete-12312020-a11y.pdf>. Accessed January 2025

California Energy Commission. 2022a. Electricity Consumption by Entity. Available: <http://ecdms.energy.ca.gov/elecbyutil.aspx>. Accessed February 3, 2025.

———. 2022b. Gas Consumption by Entity. Available: <http://ecdms.energy.ca.gov/gasbyutil.aspx>. Accessed February 3, 2025.

———. 2024. *2024 Integrated Energy Policy Report Update*. Available: <https://efiling.energy.ca.gov/GetDocument.aspx?tn=260322&DocumentContentId=96547>. Accessed July 2025.

California State Library. 2024. *California Public Library Statistics*. Available: <https://www.library.ca.gov/services/to-libraries/statistics/>. Accessed January 2025.

CalRecycle. See California Department of Resources Recycling and Recovery.

Caltrans. See California Department of Transportation.

CDE. See California Department of Education.

CEC. See California Energy Commission.

City of Carlsbad. 2024. *Fire Department*. Available: <https://www.carlsbadca.gov/departments/fire>. Accessed January 2025.

———. 2025. *Department Facts*. Available: <https://www.carlsbadca.gov/departments/police/inside-the-cpd/departments-facts>. Accessed May 23, 2025. City of Encinitas. 2024. *Updating a Community's Climate Priorities*. Available: <https://www.encinitasenvironment.org/climate-action-plan-update>. Accessed January 2025.

City of Chula Vista. 2024. *Stations & Locations*. Available: <https://www.chulavistaca.gov/departments/fire-department/stations-locations/fire-stations-map>. Accessed January 2025.

———. 2025. *About the Police Department*. Available: <https://www.chulavistaca.gov/departments/police-department/about-us#:~:text=Chief%20Kennedy%20leads%20a%20department,a%20budget%20of%20%2470%20million>. Accessed May 23, 2025.

City of Coronado. 2025. *City of Coronado, Personnel Authorization and Compensation Plan*. Available: <https://www.coronado.ca.us/DocumentCenter/View/4183/PACP-Fiscal-Year-2024-to-2025-PDF?bidId=>. Accessed May 23, 2025.

City of Del Mar. 2024. *Fire Department*. Available: <https://www.delmar.ca.us/134/Fire-Department>. Accessed January 2025.

City of El Cajon. 2025. *Police Department History*. Available: <https://www.elcajon.gov/discover-el-cajon/police-department-history>. Accessed May 23, 2025.

City of Encinitas. 2024. *Fire Operations, Training & EMS*. Available: <https://www.encinitasca.gov/government/departments/public-safety/fire-operations-training-ems>. Accessed January 2025.

City of Escondido. 2024. *Facilities*. Available: <https://www.escondido.gov/481/Facilities>. Accessed January 2025.

———. 2025. *History of Law Enforcement*. Available: <https://www.escondido.gov/526/History-of-Law-Enforcement>. Accessed May 23, 2025.

City of Imperial Beach. 2024. *About Imperial Beach Fire-Rescue*. Available: <https://www.imperialbeachca.gov/272/About-Imperial-Beach-Fire-Rescue>. Accessed January 2025.

———. 2025. *Sheriff Department*. Available: <https://imperialbeachca.gov/464/Sheriff-Department>. Accessed May 23, 2025.

City of La Mesa. 2025. *Police Department*. Available: <https://www.cityoflamesa.us/1611/Police-Department#:~:text=We%20are%20committed%20to%20making,work%2C%20or%20visit%20for%20all.&text=The%20department%20has%2069%20sworn,contingent%20of%20retired%20senior%20volunteers>. Accessed May 23, 2025.

City of National City. 2024. *Fire Operations*. Available: <https://www.nationalcityca.gov/government/fire/fire-operations>. Accessed January 2025.

City of Oceanside. 2024. *Stations & Apparatus*. Available: <https://fire.ci.oceanside.ca.us/departments-overview/stations-apparatus>. Accessed January 2025.

———. 2025. *City of Oceanside Police Department*. Available: <https://www.oceansidepolice.com/home-police>. Accessed May 23, 2025.

City of Poway. 2024. *Fire Stations*. Available: <https://poway.org/375/Fire-Stations>. Accessed January 2025.

- City of San Diego. 2015. *City of San Diego Zero Waste Plan*. Available: <https://www.sandiego.gov/sites/default/files/zwplan.pdf>. Accessed January 2025.
- . 2024a. Fire Stations. Available: <https://www.sandiego.gov/fire/about/fire-stations>. Accessed January 2025.
- . 2024b. Water and Wastewater Facilities. Available: <https://www.sandiego.gov/public-utilities/water-quality/water-wastewater-facilities>. Accessed January 2025.
- . 2025. Police. Available: <https://www.sandiego.gov/police>. Accessed May 23, 2025.
- County of San Diego. 2011. *County of San Diego General Plan Update EIR*. Available: <https://www.sandiegocounty.gov/content/sdc/pds/gpupdate/environmental.html>. Accessed January 2025.
- . 2015. *County of San Diego Sewer System Management Plan*. Available: https://www.sandiegocounty.gov/content/dam/sdc/dpw/SAN_DIEGO_COUNTY_SANITATION_DISTRICT/SDCSD_SSMP_2015.pdf. Accessed January 2025.
- . 2017. *Strategic Plan to Reduce Waste*. Available: <https://www.sandiegocounty.gov/dpw/recycling/plan.html>. Accessed January 2025.
- . 2020a. *County of San Diego BMP Design Manual for Permanent Site Design, Storm Water Treatment and Hydromodification Management*. Available: https://www.sandiegocounty.gov/content/sdc/dpw/watersheds/DevelopmentandConstruction/BMP_Design_Manual.html. Accessed January 2025.
- . 2020b. *Non-Exclusive Franchise Agreement for Discarded Materials Management*. Available: https://www.sandiegocounty.gov/content/dam/sdc/dpw/SOLID_WASTE_PLANNING_and_RECYCLING/Files/NEFA%20Draft_090120_No%20Redlines.pdf. Accessed July 2025.
- . 2021a. *County of San Diego Construction & Demolition Recycling Facility Directory*. Available: https://www.sandiegocounty.gov/content/dam/sdc/dpw/SOLID_WASTE_PLANNING_and_RECYCLING/UpdatedCDResources/CD%20Guide_Updated_070422_PDF.pdf. Accessed January 2025.
- . 2021b. *Chapter 5. Management of Solid Waste, Recyclable Materials, Organic Waste, Construction and Demolition Debris*. Available: https://www.sandiegocounty.gov/content/dam/sdc/dpw/SOLID_WASTE_PLANNING_and_RECYCLING/swo/SWO%202022%20AM%20Legal.pdf. Accessed July 2025.
- . 2021c. *Parks Master Plan*. Available: <https://www.sandiego.gov/sites/default/files/parks-master-plan-adopted-2021.pdf>. Accessed July 2025.
- . 2022. *County of San Diego Five-Year Review Report of the Countywide Integrated Waste Management Plan*. Available: https://www.sandiegocounty.gov/content/dam/sdc/dpw/SOLID_WASTE_PLANNING_and_RECYCLING/Files/2022%20Five-Year%20Review.pdf. Accessed January 2025.
- County of San Diego Department of Public Works. 2014. *Low Impact Development Handbook, Stormwater Management Strategies*. Available: https://www.sandiegocounty.gov/content/dam/sdc/dpw/WATERSHED_PROTECTION_PROGRAM/susmppdf/lid_handbook_2014sm.pdf. Accessed July 2025.
- EPA. See U.S. Environmental Protection Agency.
- Federal Communications Commission. 2020. Fixed Broadband Deployment. Available: <https://opendata.fcc.gov/Wireline/Fixed-Broadband-Deployment-Data-June-2020-V1/4kuc-phrr>. Accessed January 2025.
- FCC. See Federal Communications Commission.

- Google Maps. 2025. Coronado Fire Stations. Available: https://www.google.com/maps/search/Coronado+fire+stations/@32.6477523,-117.2053598,12.75z?entry=tту&g_ep=EgoyMDI1MDUyMS4wIKXMDSOASAFQAw%3D%3D. Accessed May 23, 2025.
- Governor’s Office of Land Use and Climate Innovation. 2017. General Plan Guidelines. Available at: <https://opr.ca.gov/planning/general-plan/guidelines.html>. Accessed July 2025.
- Heartland Fire and Rescue. 2024. Fire Station Locations & Jurisdiction. Available: <https://heartlandfire.org/159/Fire-Station-Locations-Jurisdiction>. Accessed January 2025.
- Hoffman, M. 2018. “San Diego Harbor Police Officers Double as Maritime Firefighters.” KPBS. Available at <https://www.kpbs.org/news/public-safety/2018/10/03/port-san-diego-harbor-police-officers-double-marin>. Accessed January 2025.
- IACP. See International Association of Chiefs of Police.
- IBWC. See International Boundary and Water Commission.
- International Association of Chiefs of Police. 2024. Technical Assistance. Available: <https://www.theiacp.org/technical-assistance>. Accessed January 2025.
- International Boundary and Water Commission. 2024. South Bay International Wastewater Treatment Plant. Available: https://www.ibwc.gov/Mission_Operations/sbiwtp.html. Accessed January 2025.
- LAFCO. See San Diego Local Agency Formation Commission.
- LCI. See Governor’s Office of Land Use and Climate Innovation.
- Regional Water Quality Control Board District 9. 2016. *Water Quality Control Plan for the San Diego Basin*. Available: https://www.waterboards.ca.gov/sandiego/water_issues/programs/basin_plan/. Accessed August 10, 2018.
- . 2018. *San Diego Region – San Diego County Municipal Storm Water Permit*. Available: https://www.waterboards.ca.gov/sandiego/water_issues/programs/stormwater/sd_stormwater.html. Accessed January 2025.
- RWQCB. See Regional Water Quality Control Board District 9.
- SANDAG. See San Diego Association of Governments.
- San Diego Association of Governments. 2024. *Public Safety Allocations in the San Diego Region: Expenditures and Staffing for FY 2022-23*. Available: <https://www.sandag.org/-/media/SANDAG/Documents/PDF/data-and-research/criminal-justice-and-public-safety/criminal-justice-research-clearinghouse/fy-2022-2023-public-safety-allocations-in-the-san-diego-region-2024-05-01.pdf>. Accessed May 23, 2025.
- San Diego County Sheriff’s Department. 2024. Detention Services Bureau. Available: <https://www.sdsheriff.gov/bureaus/detention-services-bureau>. Accessed January 2025.
- San Diego County Water Authority. 2021. *2020 Urban Water Management Plan*. Available: <https://www.sdcwa.org/wp-content/uploads/2021/03/Draft-2020-UWMP.pdf>. Accessed June 2025.
- San Diego Gas and Electric. 2025. About Us. Available: https://www.sdge.com/more-information/our-company/about-us?utm_source=chatgpt.com. Accessed July 2025.
- San Diego Local Agency Formation Commission. 2023. *Cities and Special Districts Sphere-of-Influence, Summary of Actions*. Available: <https://www.sdlafco.org/home/showpublisheddocument/8398/638744292458070000>. Accessed July 2025.
- San Miguel Fire District. 2025. San Miguel Fire Stations. Available: <https://www.sanmiguelfire.org/stations>. Accessed May 23, 2025.

SCAG. See Southern California Association of Governments.

SDCSD. See San Diego County Sheriff's Department.

SDCWA. See San Diego County Water Authority.

SDG&E. See San Diego Gas and Electric.

Southern California Association of Governments. 2024a. *Program Environmental Impact Report for the Connect SoCal (2024-2050 Regional Transportation Plan/Sustainable Communities Strategy) 2024*. Available: <https://scag.ca.gov/peir>. Accessed January 2025.

———. 2024b. *Connect So Cal: A Plan for Navigating to a Brighter Future*. Available: <https://scag.ca.gov/sites/main/files/file-attachments/23-2987-connect-socal-2024-final-complete-040424.pdf?1714175547>. Accessed January 2025.

State Water Resource Control Board. 2015. *San Diego Region – Storm Water; ORDER NO. R9-2013-0001, The San Diego Regional MS4 Permit*. Available: http://www.waterboards.ca.gov/sandiego/water_issues/programs/stormwater. Accessed January 2025.

———. 2018. *Resolution No.2018-0019*. Available: https://www.waterboards.ca.gov/water_issues/programs/owts/docs/rs2018_0019.pdf. Accessed January 2025.

———. 2024. *Interactive SSO Report*. Available: https://ciwqs.waterboards.ca.gov/ciwqs/readOnly/PublicReportSSOServlet?reportAction=criteria&reportId=sso_main. Accessed May 23, 2025. SWRCB. See State Water Resources Control Board.

SWRCB. See State Water Resources Control Board.

U.S. Department of the Navy. 2021. *Draft Environmental Impact Statement the Navy Old Town Campus (OTC) Revitalization*. Available: <https://navwar-revitalization.com/draft-eis/>. Accessed July 2025.

Section 4.16 Transportation

California Air Pollution Control Officers Association. 2024 (October). *Handbook for Analyzing Greenhouse Gas Emission Reductions, Assessing Climate Vulnerabilities, and Advancing Health and Equity*. Available: https://www.airquality.org/ClimateChange/Documents/2024%20Handbook%20Update_AB434.pdf. Accessed May 2, 2025.

California Air Resources Board. 2022 (November 16). *Scoping Plan for Achieving Carbon Neutrality, November 16, 2022*. Available: https://ww2.arb.ca.gov/sites/default/files/2022-12/2022-sp_1.pdf. Accessed May 2, 2025.

California Department of Transportation. 2020a (May). *Vehicle Miles Traveled – Focused, Transportation Impact Study Guide*. Available: <https://dot.ca.gov/-/media/dot-media/programs/transportation-planning/documents/sb-743/2020-05-20-approved-vmt-focused-tisg-a11y.pdf>. Accessed May 2, 2025.

———. 2020b (July). *Highway Design Manual*. Available: <https://dot.ca.gov/programs/design/manual-highway-design-manual-hdm>. Accessed May 2, 2025.

———. 2020c. *California Manual on Uniform Traffic Control Devices*, 2014 Edition, Revision 9. Available: <https://dot.ca.gov/programs/safety-programs/camutcd>. Accessed May 2025.

———. 2021a (February). *California Transportation Plan 2050*. Available: <https://dot.ca.gov/-/media/dot-media/programs/transportation-planning/documents/ctp-2050-v3-a11y.pdf>. Accessed May 2, 2025.

———. 2021b (February). *California-Baja California Border Master Plan*. Available: https://sandagbmapazurestorage.blob.core.windows.net/bmp-docs/2021-BMP_Final_Report_03152021.pdf. Accessed January 16, 2025.

-
- . 2023. *California Freight Mobility Plan 2023*. Available: <https://dot.ca.gov/-/media/dot-media/programs/transportation-planning/documents/cfmp/cfmp-july-2023-final-v1-a11y.pdf>. Accessed May 2, 2025.
- . 2025a (January). *Highway Design Manual, Chapter 1000 – Bicycle Transportation Design*. Available: <https://dot.ca.gov/-/media/dot-media/programs/design/documents/chp1000-a11y.pdf>. Accessed May 2, 2025.
- . 2025b. Active Transportation Program. Available: <https://dot.ca.gov/programs/local-assistance/fed-and-state-programs/active-transportation-program>. Accessed May 2, 2025.
- California High-Speed Rail Authority and U.S. Department of Transportation Federal Railroad Administration. 2005 (August). *Final Program Environmental Impact Report/Environmental Impact Statement (EIR/EIS) for the Proposed California High-Speed Train System*. Available: https://hsr.ca.gov/wp-content/uploads/docs/programs/eir-eis/State_Wide_EIR_EIS_Volume_1_Part_1_of_3.pdf. Accessed June 11, 2025.
- California Transportation Commission. 2024 (January). *2024 Regional Transportation Plan Guidelines*. Available: <https://dot.ca.gov/-/media/dot-media/programs/transportation-planning/documents/division-transportation-planning/regional-and-community-planning/sustainable-transportation-planning-grants/adopted-2024-rtp-guidelines-for-mpos-2-a11y.pdf>. Accessed May 2, 2025.
- City of Tijuana Metropolitan Planning Institute. 2013. *2034 Tijuana, Tecate, and Playas de Rosarito Metropolitan Strategic Plan*. Available: https://implanplayasderosarito.gob.mx/wp-content/uploads/2021/06/PEM_Documento_V4_Feb_2012.pdf. Accessed February 5, 2025.
- Caltrans. See California Department of Transportation.
- CAPCOA. See California Air Pollution Control Officers Association.
- CARB. See California Air Resources Board.
- CTC. See California Transportation Commission.
- Governor’s Office of Planning and Research. 2018 (December). *Technical Advisory on Evaluating Transportation Impacts in CEQA*. Available: https://lci.ca.gov/docs/20190122-743_Technical_Advisory.pdf. Accessed May 2, 2025.
- HSR & USDOT. See California High-Speed Rail Authority and U.S. Department of Transportation Federal Railroad Administration.
- IMPLAN 2013. See City of Tijuana Metropolitan Planning Institute.
- Metrolink. 2025. Metrolink Fact Sheet FY 2024-25 Q2. Governed by the Southern California Regional Rail Authority (SCRRA). Available: https://metrolinktrains.com/globalassets/about/agency/facts-and-numbers/fact_sheet_q2-fy25.pdf. Accessed May 2, 2025.
- Metropolitan Transit System. 2013 (April). *San Diego and Arizona Eastern (SD&AE) Railway Fact Sheet*. Available: <https://www.sdmts.com/sites/default/files/attachments/SDAEFactSheet.pdf>. Accessed May 2, 2025.
- . 2025a (January). MTS Trolley Schedule. Available: <https://www.sdmts.com/sites/default/files/routes/pdf/510.pdf>. Accessed May 2, 2025.
- . 2025b (May). MTS Bus Schedule. Available: <https://www.sdmts.com/transit-services/bus-routes>. Accessed May 2, 2025.
- MTS. See Metropolitan Transit System.
- NCTD. See North County Transit District.

- North County Transit District. 2020 (December). CTD & SANDAG Receive \$106 Million Grant to Implement \$202 Million of Improvements on the San Diego Portion of the LOSSAN Corridor. Available: <https://gonctd.com/nctd-sandag-receive-106-million-grant-for-rail-improvements>. Accessed May 2, 2025.
- . 2024a (October). NCTD ~~Sprinter~~ SPRINTER Schedule. Available: <https://gonctd.com/wp-content/uploads/SPRINTER-Schedule-October-2024-W.pdf>. Accessed May 2, 2025.
- . 2024b (October). NCTD Bus Schedule. Available: <https://gonctd.com/wp-content/uploads/NCTD-System-Map-Only-October-2024.pdf>. Accessed May 2, 2025.
- . 2024c (December). ~~Coaster~~ COASTER Schedule. Available: <https://gonctd.com/wp-content/uploads/COASTER-Schedule-October-2024-Web.pdf>. Accessed May 2, 2025.
- OCTA. See Orange County Transportation Authority.
- OPR. See Governor's Office of Planning and Research.
- Orange County Transportation Authority. 2024 (December). LOSSAN Corridor Fact Sheet. Available: https://www.octa.net/pdf/FactSheet_LOSSAN.pdf?n=2025. Accessed May 2, 2025.
- Port of San Diego. 2019 (February 28). *Economic Impacts of the San Diego Unified Port District in 2017*. Available: <https://pantheonstorage.blob.core.windows.net/administration/port-of-san-diego-economic-impact-report-2017.pdf>. Accessed May 2, 2025.
- SANDAG. See San Diego Association of Governments.
- San Diego Association of Governments. 2010a (April). *Riding to 2050. San Diego Regional Bike Plan*. Available: <https://www.sandag.org/-/media/SANDAG/Documents/PDF/projects-and-programs/bikeways-and-walkways/regional-bike-plan/san-diego-regional-bike-plan-riding-to-2050.pdf>. Accessed May 2, 2025.
- . 2010b (June). *Parking Strategies for Smart Growth*. Available: <https://www.sandag.org/-/media/SANDAG/Documents/PDF/data-and-research/applied-research-and-performance-monitoring/surveys/parking-strategies-for-smart-growth-tools-san-diego-2010-06-01.pdf>. Accessed May 2, 2025.
- . 2012 (March). *San Diego Regional Safe Route to School Strategic Plan*. Available: <https://www.sandag.org/-/media/SANDAG/Documents/PDF/data-and-research/applied-research-and-performance-monitoring/surveys/parking-strategies-for-smart-growth-tools-san-diego-2010-06-01.pdf>. Accessed May 2, 2025.
- . 2016 (December). *2016 Freight Gateway Study Update*. Available: <https://www.sandag.org/-/media/SANDAG/Documents/PDF/projects-and-programs/goods-movement-planning/freight-gateway-study/2016-freight-gateway-study-update-2016-12-01.pdf>. Accessed May 2, 2025.
- . 2018a. California Active Transportation Program. Available: <https://www.sandag.org/funding/grant-programs/active-transportation/california-active-transportation-program>. Accessed May 2, 2025.
- . 2018b (October). *Regional Bike Plan Early Action Program Fact Sheet*. Available: <https://www.sandag.org/-/media/SANDAG/Documents/PDF/projects-and-programs/bikeways-and-walkways/bikeway-walkway-projects/regional-bike-plan-EAP-fact-sheet-2018-10-01.pdf>. Accessed May 2, 2025.
- . 2021 (March). *SR 11 Otay Mesa East Port of Entry Project Brochure*. Available: https://www.keepsandiegomoving.com/Libraries/SR_11/SAN_SR11_Port_of_Entry_Brochure_WEB_031721.sflb.ashx. Accessed May 2, 2025.
- . 2024a (September). *2025 Regional Transportation Improvement Program*. Available: <https://www.sandag.org/-/media/SANDAG/Documents/PDF/funding/funding-and-programming/regional-transportation-improvement-program/final-2025-rtip.pdf>. Accessed May 2, 2025.

- . 2024b (February). *San Diego and Imperial Counties Sustainable Freight Implementation Strategy*. Available: <https://www.sandag.org/-/media/SANDAG/Documents/PDF/projects-and-programs/goods-movement-planning/san-diego-imperial-county-sustainable-freight-strategy/san-diego-imperial-counties-sustainable-freight-implementation-strategy-final-report-2024-02-01.pdf>. Accessed May 2, 2025.
- . 2024c (November). *SANDAG Vision Zero Action Plan*. Available: <https://www.sandag.org/-/media/SANDAG/Documents/PDF/projects-and-programs/regional-initiatives/vision-zero/sandag-vision-zero-action-plan-report.pdf>. Accessed May 2, 2025.
- . 2025a. *Transportation Demand Management*. Available: <https://www.sandag.org/-/media/SANDAG/Documents/PDF/regional-plan/2025-regional-plan/2025-rp-transportation-demand-management-one-pager.pdf>. Accessed May 2, 2025.
- . 2025b. *Comprehensive Multimodal Corridor Plans*. Available: <https://www.sandag.org/regional-plan/comprehensive-multimodal-corridor-plans>. Accessed May 2, 2025.
- San Diego County Regional Airport Authority. 2008. *Airport Master Plan*. Available: <https://www.san.org/Airport-Projects/2008-Airport-Master-Plan#3134211-adopted-master-plan>. Accessed January 16, 2025.
- . 2011. *Regional Aviation Strategic Plan*. Available: https://www.san.org/DesktopModules/Bring2mind/DMX/API/Entries/Download?EntryId=14180&Command=Core_Download&language=en-US&PortalId=0&TabId=185. Accessed January 16, 2025.
- . 2019. *SDIA Aviation Activity Forecasts Final Technical Memorandum*. April. Available: https://www.san.org/Portals/0/Documents/Airport%20Development%20Plan/Forecast%20Reports/2019_SAN_MP_Forecast.pdf. Accessed February 5, 2025.
- San Diego International Airport. 2021. *Air Traffic Report Summary: Calendar Year 2021*. Available: https://www.san.org/DesktopModules/Bring2mind/DMX/API/Entries/Download?Command=Core_Download&EntryId=15134&language=en-US&PortalId=0&TabId=225. Accessed May 2, 2025.
- San Diego International Airport. 2019 (September). *Airport Development Plan Recirculated Draft Environmental Impact Report*. Available: <https://www.san.org/Airport-Projects/Environmental-Affairs#1245263-adp-draft-eir>. Accessed April 8, 2025.
- SCAG. See Southern California Association of Governments.
- SDIA. See San Diego International Airport.
- Southern California Association of Governments. 2024a (April 4). *Connect SoCal (The Southern California Association of Governments' 2024–2050 Regional Transportation Plan/Sustainable Communities Strategy) Final Program Environmental Impact Report*. State Clearinghouse #2022100337. Certified April 4, 2024. Available: <https://scag.ca.gov/peir>. Accessed June 11, 2025.
- . 2024b (December 16). *2025 Federal Transportation Improvement Program*. Available: <https://scag.ca.gov/2025-ftip>. Accessed June 11, 2025.
- Steinberg. 2008. California Senate Bill 375. Available: http://www.leginfo.ca.gov/pub/07-08/bill/sen/sb_0351-0400/sb_375_bill_20080930_chaptered.pdf. Accessed April 8, 2025.
- USACE. See U.S. Army Corps of Engineers.
- U.S. Army Corps of Engineers. 2022. *Waterborne Tonnage for Principal U.S. Ports and All 50 States and U.S. Territories; Waterborne Tonnages for Domestic, Foreign, Imports, Exports and Intra-State Waterborne Traffic*. Available: <https://usace.contentdm.oclc.org/digital/collection/p16021coll2/id/12755>. Accessed May 2, 2025.
- U.S. Environmental Protection Agency. 2021 (May). *Border 2025: United States – Mexico Environmental Program*. Available: https://www.epa.gov/sites/default/files/2021-05/documents/final_us_mx_border_2025_final_may_6.pdf. Accessed February 5, 2025.

U.S. Department of Transportation. 2025. *Demonstrating Integrated Corridor Management in San Diego*. Available: <https://www.itskrs.its.dot.gov/sites/default/files/2021-09/case-study/508%20SANDAG%20ICM%20Final.pdf>. Accessed June 11, 2025.

USDOT. See U.S. Department of Transportation.

Section 4.17 Tribal Cultural Resources

Bean, L. J., and F. C. Shipek. 1978. Luiseño. In *Handbook of North American Indians, Volume 8: California*. Edited by R. F. Heizer, 550–563. Smithsonian Institution, Washington, D.C.

California Department of Transportation 2021. *California-Baja California Border Master Plan*. Available: <https://www.calibajabmp.org/reports>. Accessed April 15, 2025.

California High Speed Rail Authority. 2005. *Program Environmental Impact Report/Environmental Impact Statement for the Proposed California High-Speed Train System*. Available: <https://hsr.ca.gov/programs/environmental-planning/program-eir-eis-documents-for-the-statewide-high-speed-rail-system-tier-1/final-program-environmental-impact-report-environmental-impact-statement-eir-eis-for-the-proposed-california-high-speed-train-system-2005/>. Accessed May 30, 2025.

City of San Diego. 2018. *Pure Water Program North City Project Environmental Impact Report/Environmental Impact Statement*. Prepared by City of San Diego Public Utilities Department and U.S. Bureau of Reclamation. Available: <https://www.sandiego.gov/public-utilities/sustainability/pure-water-sd/reports>. Accessed July 8, 2025.

County of San Diego. 2011 (August). "Chapter 7.0 Proposed General Plan Update Policies and Mitigation Measures." In *San Diego County General Plan Update EIR*. Available: https://www.sandiegocounty.gov/content/dam/sdc/pds/gpupdate/docs/BOS_Aug2011/EIR/FEIR_7.00_-_Mitigation_Masures_2011.pdf. Accessed, April 15, 2025.

County of San Diego. 2011. *San Diego County General Plan Update Final Environmental Impact Report*. Available: <https://www.sandiegocounty.gov/content/sdc/pds/gpupdate/environmental.html>. Accessed July 8, 2025.

Gifford, E. W. 1931. *The Kamia of Imperial Valley*. *Bureau of American Ethnology Bulletin No. 97*. U.S. Government Printing Office, Washington, D.C.

Governor's Office of Planning and Research. 2020. *AB 52 and Tribal Cultural Resources in CEQA: Technical Advisory*. February 2020. Available: https://lci.ca.gov/ceqa/docs/20200224-AB_52_Technical_Advisory_Feb_2020.pdf. Accessed June 27, 2025.

HSRA. See California High Speed Rail Authority.

Kroeber, A. L. 1925. "Handbook of Indians of California." *Bureau of American Ethnology Bulletin 78*. Smithsonian Institution. Washington, DC.

Luomala, K. 1978. "Tipai-Ipai." In *Handbook of North American Indians, Volume 8, California*, edited by R. F. Heizer, 592–609. Smithsonian Institution. Washington, DC.

SANDAG. See San Diego Association of Governments.

San Diego Association of Governments. 2022 (March). *Final Intraregional tribal Transportation Strategy 2021 Update*. Available: <https://www.sandag.org/-/media/SANDAG/Documents/PDF/projects-and-programs/borders-and-interregional-collaboration/tribal-governments/final-intraregional-tribal-transportation-strategy-2021-update-2022-03-01.pdf>. Accessed on December 1, 2025.

San Diego County Regional Airport Authority. 2020. *Airport Development Plan Final Environmental Impact Report*. Available: <https://www.san.org/Airport-Projects/Environmental-Affairs#1245314-adp-final-eir>. Accessed May 30, 2025.

SCAG. See Southern California Association of Governments.

SDCAA. See San Diego County Regional Airport Authority.

Shipek, F. 1972. "Table of Tipai-Ipai population." Included on p. 596 of K. Luomala (1978), "Tipai-Ipai." In *Handbook of North American Indians, Volume 8, California*, edited by R. F. Heizer, 592–609. Smithsonian Institution, Washington, D.C.

Southern California Association of Governments. 2024. *2024-2050 Regional Transportation Plan/Sustainable Communities Strategy Final Program Impact Report*. Available: <https://scag.ca.gov/program-environmental-impact-report-0>. Accessed May 30, 2025.

U.S. Department of the Navy. 2020. *Final Environmental Impact Statement for the Navy Old Town Campus Revitalization*. Prepared by Naval Facilities Engineering Command Southwest. Available: <https://navwar-revitalization.com/draft-eis/>. Accessed July 8, 2025.

Section 4.18 Water Supply

Bedsworth, L., D. Cayan, G. Franco, L. Fisher, and S. Ziaja. 2018. *Statewide Summary Report. California's Fourth Climate Change Assessment*. Publication number: SUMCCCA4-2018-013.

Borrego Springs Watermaster. 2024 (October 1). "Exhibit 4." *Baseline Pumping Allocations*.

Borrego Valley Groundwater Sustainability Agency. 2019 (August). *Draft Final Groundwater Sustainability Plan for the Borrego Springs Groundwater Subbasin*. Available: <https://www.sandiegocounty.gov/content/sdc/pds/SGMA/borrego-valley/GSP.html>. Accessed January 23, 2025.

Bureau of Reclamation. 2007 (October). *Colorado River Interim Guidelines for Lower Basin Shortages and Coordinated Operations for Lake Powell and Lake Mead – Final Environmental Impact Statement*. Available: <https://www.usbr.gov/lc/region/programs/strategies/FEIS/index.html>. Accessed January 27, 2025.

———. 2012 (December). *California River Basin Water Supply and Demand Study*. Available: https://www.usbr.gov/watersmart/bsp/docs/finalreport/ColoradoRiver/CRBS_Executive_Summary_FINAL.pdf. Accessed January 27, 2025.

BVGSA. See Borrego Valley Groundwater Sustainability Agency.

California Department of Transportation. 2016 (July 20). *Statewide Stormwater Management Plan*. Available: <https://dot.ca.gov/programs/environmental-analysis/stormwater-management-program>. Accessed March 5, 2025.

California Department of Water Resources. 2016. *California's Groundwater Bulletin 118 – Interim Update 2016*. Available: https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Groundwater-Management/Bulletin-118/Files/B118-Interim-Update-2016_ay_19.pdf. Accessed January 23, 2025.

———. 2021. "Appendix K." *2020 Urban Water Management Plan Guidebook*. Available: <https://water.ca.gov/Programs/Water-Use-And-Efficiency/Urban-Water-Use-Efficiency/Urban-Water-Management-Plans>. Accessed July 7, 2025.

———. 2023a (October 26). *San Pasqual Valley Basin – 2022 Groundwater Sustainability Plan Determination*.

———. 2023b. *California Water Plan 2023 Update*

———. 2024 (January 18). *Upper San Luis Rey Valley – 2022 Groundwater Sustainability Plan Determination*.

———. 2025. *Climate Change Basics*. Available: <https://water.ca.gov/Water-Basics/Climate-Change-Basics#:~:text=Extreme%20Events%20%E2%80%93%20Rain%2C%20Flood%2C,critical%20and%20non%2Dcomplimentary%20ways>. Accessed July 24, 2025.

California Natural Resources Agency. 2014. *California Water Action Plan*. Available: <https://wildlife.ca.gov/Conservation/Watersheds/Instream-Flow/Action-Plan>. Accessed January 27, 2025.

- . 2020. *California Water Resilience Portfolio*.
- . 2022. *California's Water Supply Strategy – Adapting to a Hotter, Drier Future*. Available: <https://resources.ca.gov/-/media/CNRA-Website/Files/Initiatives/Water-Resilience/CA-Water-Supply-Strategy.pdf>. Accessed July 8, 2025.
- Caltrans See California Department of Transportation
- CEP and SDF. See Climate Education Partners and San Diego Foundation.
- City of Encinitas. 2024 (September 25). San Dieguito Water District Administrative Code Article 21 Recycled and Non-Potable Water. Available: <https://ecode360.com/44489846>. Accessed January 27, 2025.
- City of Escondido. 2011 (June). *Recycled Water Master Plan*.
- City of San Diego. 2020 (June 22). *2020 Recycled Water Master Plan Update*. Available: https://www.sandiego.gov/sites/default/files/rw_master_plan_final_report_hdr_2020.pdf. Accessed January 27, 2025.
- . 2022 (July). *City of San Diego Rules and Regulations For Recycled Water Systems*.
- . 2025 (January). What Is Pure Water San Diego? Available at https://www.sandiego.gov/sites/default/files/2025-01/pw-sd-phase-1-art-pure-water-phase-1-fact-sheet-010625_v1-1.pdf. Accessed January 22, 2025.
- . n.d. Pure Water San Diego. Available: <https://www.sandiego.gov/public-utilities/sustainability/pure-water-sd>. Accessed January 22, 2025.
- City of Tijuana Metropolitan Planning Institute. 2013. *2034 Tijuana, Tecate, and Playas de Rosarito Metropolitan Strategic Plan*.
- Climate Education Partners and San Diego Foundation. 2015. *San Diego, 2050 Is Calling, How Will We Answer? Facing the Future: How Science Can Help Prepare San Diego Regional Leaders for Climate Change*. San Diego, CA.
- CNRA. See California Natural Resources Agency.
- Cole, S., E. Hanak, A. Escrivá-Bou, J. Medellín-Azuara, C. Peterson, and K. Greenspan. 2024. *Drought and Groundwater Sustainability in California's Farming Regions*. Public Policy Institute of California. Available: <https://www.ppic.org/wp-content/uploads/policy-brief-drought-and-groundwater-sustainability-in-californias-farming-regions.pdf>. Accessed July 25, 2025.
- Congressional Research Service. 2024 (April 4). Management of the Colorado River: Water Allocations, Drought, and the Federal Role. Available: <https://www.congress.gov/crs-product/R45546>. Accessed March 12, 2025.
- County of San Diego. 2010a. "Appendix D: Groundwater Study." *County of San Diego Final Program Environmental Impact Report for the General Plan Update*. Available: https://www.sandiegocounty.gov/content/dam/sdc/pds/gpupdate/docs/BOS_Aug2011/EIR/Appn_D_GW.pdf. Accessed January 22, 2025.
- . 2010b. "Appendix A: Evaluation of Groundwater Conditions in Borrego Valley." *County of San Diego Final Program Environmental Impact Report for the General Plan Update*. Available: https://www.sandiegocounty.gov/content/dam/sdc/pds/gpupdate/docs/BOS_Aug2011/EIR/Appn_D_GW_Appendices.pdf. Accessed January 22, 2025.
- . 2011. *San Diego County General Plan Update, Final Environmental Impact Report*. Available: <http://www.sandiegocounty.gov/content/sdc/pds/gpupdate/environmental.html>. Accessed January 23, 2025.

-
- . 2020. *County of San Diego BMP Design Manual*. Available: https://www.sandiegocounty.gov/content/sdc/dpw/watersheds/DevelopmentandConstruction/BMP_Design_Manual.html. Accessed March 7, 2025.
- . 2023. *County of San Diego Guidelines for Determining Significance and Report Format and Content Requirements Groundwater Resources*. Available: <https://www.sandiegocounty.gov/content/dam/sdc/pds/SGMA/GRWTR-Guidelines-Text-Final.pdf>. Accessed July 24, 2025.
- . 2024. San Diego County Water Authority Boundary for San Diego County.
- . n.d.-a. Groundwater in San Diego County. Available: <https://www.sandiegocounty.gov/pds/SGMA.html>. Accessed January 22, 2025.
- . n.d.-b. San Luis Rey Valley Groundwater Basin. Available: <https://www.sandiegocounty.gov/content/sdc/pds/SGMA/san-luis-rey-valley.html>. Accessed January 22, 2025.
- . n.d.-c. San Pasqual Valley Groundwater Basin. Available: <https://www.sandiegocounty.gov/content/sdc/pds/SGMA/san-pasqual-valley.html>. Accessed January 22, 2025.
- . n.d.-d. Watery System Description. Available: https://www.sandiegocounty.gov/content/sdc/dpw/h2o1/What_We_Do/WaterDistributionSystem.html. Accessed January 23, 2025.
- . n.d.-e. Recycled Water. Available: https://www.sandiegocounty.gov/content/sdc/deh/lwqd/lu_recycled_water.html. Accessed January 24, 2025.
- DWR. See California Department of Water Resources.
- Elmer, M. 2023. Where San Diego Gets Its Water. *Voice of San Diego*. Available: <https://voiceofsandiego.org/2023/01/19/where-san-diego-gets-its-water/>. Accessed July 24, 2025.
- EPA. See U.S. Environmental Protection Agency.
- Geoscience. 2022 (January). *Upper San Luis Rey Valley Groundwater Sustainability Plan*. Prepared for Pauma Valley Groundwater Sustainability Agency.
- Gottlieb, A., and J. Mankin. 2024. "Evidence of Human Influence on Northern Hemisphere Snow Loss." *Nature* 625: 293–300. Available: <https://doi.org/10.1038/s41586-023-06794-y>. Accessed July 24, 2025.
- Hale, K., K. Jennings, K. Musselman, B. Livneh, and N. Molotch. 2023. "Recent Decreases in Snow Water Storage in Western North America." *Communications Earth and Environment* 4: 170. Available: <https://doi.org/10.1038/s43247-023-00751-3>. Accessed July 24, 2025.
- Hogan, D., and J. Lundquist. 2024. "Recent Upper Colorado River Streamflow Declines Driven by Loss of Spring Precipitation." *Geophysical Research Letters* 51: e2024GL109826. Available: <https://doi.org/10.1029/2024GL109826>. Accessed July 24, 2025.
- IID. See Imperial Irrigation District.
- Imperial Irrigation District. 2012 (October). *Imperial Region Integrated Regional Water Management Plan*. Available: <https://imperialirwmp.org/document-library-2/final-imperial-irwmp-volumes-1-2/>. Accessed January 27, 2025.
- IMPLAN. See City of Tijuana Metropolitan Planning Institute.
- Jennings, M. K., D. Cayan, J. Kalansky, A. D. Pairis, D. M. Lawson, A. D. Syphard, U. Abeysekera, R. E. S. Clemesha, A. Gershunov, K. Guirguis, J. M. Randall, E. D. Stein, and S. Vanderplank. 2018. *Summary Report, San Diego*

- County Ecosystems: Ecological Impacts of Climate Change on a Biodiversity Hotspot*. Climate Science Alliance. San Diego, CA.
- Kalansky, J., D. Cayan, K. Barba, L. Walsh, K. Brouwer, and D. Boudreau. 2018. *California's Fourth Climate Change Assessment: San Diego Region Report*. Available: <http://www.climateassessment.ca.gov/regions/docs/20180827-SanDiego.pdf>. Accessed January 24, 2025.
- Kelley, A. H. 2011. "Seawater Desalination: Climate Change Adaptation Strategy or Contributor?" *Seawater Desalination*: 40–50.
- Medellin-Azuara, J., L. Mendoza-Espinosa, J. Lund, and C. S. Waller-Barrera. 2009. *Water Supply for Baja California: Economic-Engineering Analysis for Agricultural, Environmental and Urban Demands*. January. Available: https://www.researchgate.net/publication/275022263_Water_Supply_for_Baja_California_Economic-Engineering_Analysis_for_Agricultural_Environmental_and_Urban_Demands. Accessed January 27, 2025.
- Municipal Water District of Orange County. 2021 (June). *2020 Urban Water Management Plan*. Available: <https://www.mwdoc.com/your-water/water-supply/urban-water-management-plan/>. Accessed January 27, 2025.
- Metropolitan Water District of Southern California. 2021 (June). *2020 Urban Water Management Plan*.
- . 2023 (August). *Climate Adaptation Master Plan for Water: Working Memorandum 3 IRP 2020 Regional Needs Assessment Summary*.
- . 2024. Metropolitan Facts. Available: https://d1q0afiq12ywwq.cloudfront.net/media/xgfhsx5n/final_2024_district-at-glance.pdf?keywords=at%20a%20glance. Accessed January 22, 2025.
- . 2025. *Climate Adaptation Master Plan for Water – Implementation Strategy*. Available: https://d1q0afiq12ywwq.cloudfront.net/media/v2gjwjx3/mwd-implementationstrategy_april-2025_final-post.pdf. Accessed July 7, 2025.
- MWD. See Metropolitan Water District of Southern California.
- MWDOC. See Municipal Water District of Orange County.
- Ocean Protection Council. 2024. *State of California Sea-Level Rise Guidance*. Available: <https://opc.ca.gov/wp-content/uploads/2024/05/California-Sea-Level-Rise-Guidance-2024-508.pdf>. Accessed July 17, 2025.
- Olivenhain Municipal Water District. 2015. *Rules and Regulations Governing the Use of Recycled Water*. Available: <https://www.olivenhain.com/your-water-supplies/recycled-2/>. Accessed January 27, 2025.
- OMWD. See Olivenhain Municipal Water District.
- OPC. See Ocean Protection Council.
- PHMWC. See Pine Hills Mutual Water Company.
- Pine Hills Mutual Water Company. n.d. Pine Hills Mutual Water Company: Home. Available: <http://www.pinehillswater.org/index.html>. Accessed January 23, 2025.
- Pine Valley Mutual Water Company. n.d. Company History. Available: <http://pinevalleywater.org/company-history/>. Accessed January 23, 2025.
- PVMWC. See Pine Valley Mutual Water Company.
- Rancho Pauma Mutual Water Company. n.d. Rancho Pauma Mutual Water Company Services. Available: <https://www.ranchopaumamwc.com/>. Accessed January 23, 2025.
- RDDMWD. See Rio del Diablo Municipal Water District.

- Regional Water Management Group. 2018 (November). *2019 San Diego Integrated Regional Water Management Plan*. Available: http://sdirwmp.org/pdf/SDIRWM_Final_2019_IRWM_Plan_Phase1_compiled.pdf. Accessed December 30, 2024.
- Reidmiller, D. R., C. W. Avery, D. R. Easterling, K. E. Kunkel, K. L. M. Lewis, T. K. Maycock, and B. C. Stewart. 2018. *Impacts, Risks, and Adaptation in the United States: Fourth National Climate Assessment, Volume II. U.S. Global Change Research Program, Washington, DC, USA*. Available: <https://www.doi.org/10.7930/NCA4.2018>. Accessed January 27, 2025.
- Rio del Diablo Municipal Water District. 2017(January 1). *Rincon del Diablo Water Administration Code*. Available: <https://rinconwater.org/wp-content/uploads/2018/12/Water-Administrative-Code-rev-2017.pdf>. Accessed January 27, 2025.
- RPMWC. See Rancho Pauma Mutual Water Company.
- RPMWC. See Rancho Pauma Mutual Water Company.
- SANDAG See San Diego Association of Governments
- San Diego Association of Governments. 2025. Master Geographic Reference Area (MGRA) Data for San Diego Region.
- San Diego County Water Authority. 2016 (June). *2015 Urban Water Management Plan*.
- . 2020 (February). *San Diego County Water Authority: An Overview*. Available: <https://www.sdcwa.org/sites/default/files/overview-fs.pdf>. Accessed January 22, 2025.
- . 2021a (May). *2020 Urban Water Management Plan*. Available: https://www.sdcwa.org/wp-content/uploads/2021/08/2020-UWMP_Final-Print-Version-July-2021-1.pdf. Accessed January 22, 2025.
- . 2021b (May 17). *2020 Water Shortage Contingency Plan*. Available: <https://www.sdcwa.org/your-water/planning-preparedness/>. Accessed January 22, 2025.
- . 2021c (November 2). News Release: Water Authority Kicks Off 2023 Water Facilities Master Plan Update. Available: <https://www.sdcwa.org/water-authority-kicks-off-2023-water-facilities-master-plan-update/>. Accessed January 15, 2025.
- . 2024a. Water-Use Data Trends. Available: <https://www.sdcwa.org/your-water/water-use/>. Accessed January 22, 2025.
- . 2024b. Relationship with MWD – Water Supply. Available: <https://www.sdcwa.org/projects-programs/programs/metropolitan-water-district/>. Accessed January 22, 2025.
- . 2025a. *2024 Water Facilities Master Plan*. Available: <https://www.sdcwa.org/projects-programs/programs/environmental/>. Accessed June 2, 2025.
- . 2025b. *Addendum No. 1 to the 2003 Program Environmental Impact Report and the 2013 Supplemental Program Environmental Impact Report for the 2024 Water Facilities Master Plan*. Available: <https://www.sdcwa.org/projects-programs/programs/environmental/>. Accessed June 2, 2025.
- . 2025c. Imported Water Supplies. Available: <https://www.sdcwa.org/your-water/imported-water-supplies/>. Accessed July 24, 2025.
- . 2025d. Local Water Supplies. Available: <https://www.sdcwa.org/your-water/local-water-supplies/>. Accessed July 24, 2025.
- . n.d. WaterSmart Resources. Available: <https://www.sdcwa.org/your-water/conservation/resources/>. Accessed January 24, 2025.

- San Diego Foundation. 2008. *The San Diego Foundation Regional Focus 2050 Study: Climate Change Related Impacts in the San Diego Region by 2050*. San Diego, CA. Prepared for the 2008 Climate Change Impacts Assessment, Second Biennial Science Report to the California Climate Action Team.
- San Diego Regional Water Quality Control Board. 2021. *Water Quality Control Plan for the San Diego Basin*. Available: https://www.waterboards.ca.gov/sandiego/water_issues/programs/basin_plan/. Accessed July 7, 2025.
- San Diego RWQCB See San Diego Regional Water Quality Control Board
- SCAG. See Southern California Association of Governments.
- SDCWA. See San Diego County Water Authority.
- SDF. See San Diego Foundation.
- Southern California Association of Governments. 2024a. *The Southern California Association of Governments' 2024-2050 Regional Transportation Plan/Sustainable Communities Strategies*.
- . 2024b. *Final Program Environmental Impact Report for Connect SoCal 2024 (2024–2050 Regional Transportation Plan/Sustainable Communities Strategy)*. Available: <https://scag.ca.gov/peir>. Accessed January 22, 2025.
- State Water Resources Control Board. 2025a. Sustainable Groundwater Management Act (SGMA) Status Map. Available: <https://gispublic.waterboards.ca.gov/portal/apps/storymaps/stories/35d50036fbfe44e5ac3b1a6e8c1e8d21>. Accessed July 8, 2025.
- . 2025b. What Is State Intervention? Available: https://www.waterboards.ca.gov/water_issues/programs/sgma/intervention.html. Accessed July 8, 2025.
- . n.d. Storm Water Program. Available: https://www.waterboards.ca.gov/water_issues/programs/stormwater/. Accessed March 7, 2025.
- SWRCB. See State Water Resources Control Board
- U.S. Environmental Protection Agency. 2025. Pure Water San Diego. Available: <https://www.epa.gov/wifia/pure-water-san-diego#:~:text=Project%20Description,Pure%20Water%20Program%20by%202035>. Accessed July 24, 2025.
- U.S. Geological Survey. 2017. Groundwater Availability in the Borrego Valley. Available: <https://ca.water.usgs.gov/projects/borrego/borrego-groundwater-availability.html>. Accessed January 23, 2025.
- USGS. See U.S. Geological Survey.
- West Yost. 2024 (March). *Water Year 2023 Annual Report for the Borrego Springs Watermaster*.
- Woodard & Curran. 2021 (September). *Final San Pasqual Valley Groundwater Basin Groundwater Sustainability Plan*.

Section 4.19 Wildfire

- Abatzoglou, J. T., and A. P. Williams. 2016 (October 10). "Impact of Anthropogenic Climate Change on Wildfire across Western U.S. Forests." *Proceedings of the National Academy of Sciences* 113(42): 11770–11775.
- Atkinson, William. 2018. "The Link Between Power Lines and Wildfires." *Electrical Contractor*. Available: <https://www.ecmag.com/section/systems/link-between-power-lines-and-wildfires>. Accessed June 20, 2025.

- Balch, J. K., B. A. Bradley, J. T. Abatzoglou, R. C. Nagy, E. J. Fusco, and A. L. Mahood. 2017 (March 14). "Human-Started Wildfires Expand the Fire Niche across the United States." *Proceedings of the National Academy of Sciences* 114(11): 2946–2951.
- Bedsworth, L., D. Cayan, G. Franco, L. Fisher, and S. Ziaja. 2018. *California's Fourth Climate Change Assessment: State Summary Report*. Available: https://www.energy.ca.gov/sites/default/files/2019-11/Statewide_Reports-SUM-CCCA4-2018-013_Statewide_Summary_Report_ADA.pdf. Accessed January 6, 2025.
- Black, C., Y. Tesfaigzi, J. A. Bassein, and L. A. Miller. 2017. "Wildfire Smoke Exposure and Human Health: Significant Gaps in Research for a Growing Public Health Issue." *Environmental Toxicology and Pharmacology* 55: 186–195.
- Cal Matters. 2024. Californians Pay Billions for Power Companies' Wildfire Prevention Efforts. Are They Cost-Effective? Available: <https://calmatters.org/environment/2024/12/pge-utilities-wildfire-prevention-customer-bills-california/>. Accessed June 20, 2025.
- CAL FIRE. See California Department of Forestry and Fire Protection.
- California Department of Forestry and Fire Protection. 2018 (August). *California's Forests and Rangelands 2017 Assessment*. Fire and Resource Assessment Program. Available: <https://34c031f8-c9fd-4018-8c5a-4159cdf6b0d-cdn-endpoint.azureedge.net/-/media/calfire-website/what-we-do/fire-resource-assessment-program---frap/assessment/forest-and-range-2017-assessment.pdf>. Accessed January 6, 2025.
- . 2019a. 2019 Wildfire Activity Statistics. Available: <https://www.fire.ca.gov/our-impact/statistics>. Accessed February 14, 2025.
- . 2019b. State of California Wildland Urban Interface Map. Available: <https://34c031f8-c9fd-4018-8c5a-4159cdf6b0d-cdn-endpoint.azureedge.net/-/media/calfire-website/what-we-do/fire-resource-assessment-program---frap/pdf-maps/wildland-urban-interface-2019.pdf?rev=e44c740c777940c6bda816c42c886c87&hash=52A9A0873B1CBF3E468DC52D4E5CB5B5>. Accessed March 24, 2025.
- . 2020. *2020 Wildfire Activity Statistics*. Office of the State Fire Marshal. Sacramento, CA. Available: <https://34c031f8-c9fd-4018-8c5a-4159cdf6b0d-cdn-endpoint.azureedge.net/-/media/calfire-website/our-impact/fire-statistics/2020-wildfire-activity-stats.pdf?rev=da776d6b864342edb2fe0782b1afd9af&hash=17B19313E6A54CBE1D4693FAAC27F23C>. Accessed February 14, 2025.
- . 2021. *2021 Wildfire Activity Statistics*. Office of the State Fire Marshal. Sacramento, CA. Available: <https://34c031f8-c9fd-4018-8c5a-4159cdf6b0d-cdn-endpoint.azureedge.net/-/media/calfire-website/our-impact/fire-statistics/2021-wildfire-activity-stats.pdf?rev=fb531e2875bb4fd58d4724cc4e80becd&hash=592A91EBED7D81CBAAF4533533CFDCFB>. Accessed February 14, 2025.
- . 2022. *2022 Wildfire Activity Statistics*. Office of the State Fire Marshal. Sacramento, CA. Available: https://34c031f8-c9fd-4018-8c5a-4159cdf6b0d-cdn-endpoint.azureedge.net/-/media/calfire-website/our-impact/fire-statistics/2023_redbook_final.pdf?rev=e3ba4ccc9fe4d0e97a921189d85baaf&hash=9593161EBE9D4EAC55B5ACD30F46228A. Accessed February 14, 2025.
- . 2023. *2023 Wildfire Activity Statistics*. Office of the State Fire Marshal. Sacramento, CA. Available: https://34c031f8-c9fd-4018-8c5a-4159cdf6b0d-cdn-endpoint.azureedge.net/-/media/calfire-website/our-impact/fire-statistics/2023_redbook_final.pdf?rev=e3ba4ccc9fe4d0e97a921189d85baaf&hash=9593161EBE9D4EAC55B5ACD30F46228A. Accessed January 3, 2025.

- . 2024a (September 1). Emergency Fund Fire Suppression Expenditures. Available: <https://34c031f8-c9fd-4018-8c5a-4159cdf6b0d-cdn-endpoint.azureedge.net/-/media/calfire-website/our-impact/fire-statistics/suppression-costs-e-fund.pdf?rev=685eeca14aa14a4c933ac8ce0102ab58&hash=0B53A434ACB593281BB5A591AF6866AD>. Accessed January 3, 2025.
- . 2024b (October 2). Top 20 Largest California Fires. Available: <https://34c031f8-c9fd-4018-8c5a-4159cdf6b0d-cdn-endpoint.azureedge.net/-/media/calfire-website/our-impact/fire-statistics/top-20-largest-ca-wildfires.pdf?rev=097f901c128347149e2614f2fca4f546&hash=27DDE83DFEF9A69E67C73765892A2B75>. Accessed January 3, 2025.
- . 2024c. *CAL FIRE Strategic Plan 2024*. Available: <https://www.paperturn-view.com/cal-fire-communications/cal-fire-strategicplan24-web?pid=ODg8828162&v=2>. March 24, 2025.
- . 2024d. *San Diego Unit 2024 Strategic Plan*. Available: <https://34c031f8-c9fd-4018-8c5a-4159cdf6b0d-cdn-endpoint.azureedge.net/-/media/osfm-website/what-we-do/community-wildfire-preparedness-and-mitigation/fire-plan/2024/2024-san-diego-imperial-unit-fire-plan.pdf?rev=06f410e38906443eb6edf36b5d15035b&hash=C6B938145FD37619F902DE6B3B2EF5DB>. Accessed June 12, 2025.
- . 2025a. 2025 Incident Archive. Available: <https://www.fire.ca.gov/incidents/2025>. Accessed February 14, 2025.
- . 2025b. Fire Hazard Severity Zones. Available: <https://osfm.fire.ca.gov/what-we-do/community-wildfire-preparedness-and-mitigation/fire-hazard-severity-zones>. Accessed January 6, 2025.
- . 2025c. LRA Fire Hazard Severity Zone Maps. Available: <https://osfm.fire.ca.gov/what-we-do/community-wildfire-preparedness-and-mitigation/fire-hazard-severity-zones/fire-hazard-severity-zones-maps>. Accessed January 6, 2025.
- . 2025d. Top 20 Most Destructive California Wildfires. Available: https://34c031f8-c9fd-4018-8c5a-4159cdf6b0d-cdn-endpoint.azureedge.net/-/media/calfire-website/our-impact/fire-statistics/top20_destruction.pdf?rev=adaea8332a014a7ebf11dc6fdb3f8e98&hash=EA9A8C492BD9FBAA0FB67C2FEA3FF52E. Accessed June 13, 2025.
- . 2025e. Top 20 Deadliest California Wildfires. Available: https://34c031f8-c9fd-4018-8c5a-4159cdf6b0d-cdn-endpoint.azureedge.net/-/media/calfire-website/our-impact/fire-statistics/top20_deadliest.pdf?rev=227b6e4a007f4df5be4414a12c033184&hash=3864EB332926BB6DC73C84B32A568726. June 13, 2025.
- . 2025f. Incidents Webpage, Kincade Fire. Available: <https://www.fire.ca.gov/incidents/2019/10/23/kincade-fire>. Accessed June 20, 2025.
- California Department of Transportation. 2021 (February). *California-Baja California Border Master Plan*. Available: https://sandagbmpazurestorage.blob.core.windows.net/bmp-docs/2021-BMP_Final_Report_03152021.pdf. Accessed January 16, 2025.
- California Forest Management Task Force. 2021. *California's Wildfire and Forest Resilience Action Plan*. Available: <https://wildfiretaskforce.org/wp-content/uploads/2022/12/californiawildfireandforestresilienceactionplan.pdf>. Accessed June 4, 2025.
- California Governor's Office of Planning and Research. 2022. *Wildland-Urban Interface Planning Guide*. Available: https://lci.ca.gov/docs/20220817-Complete_WUI_Planning_Guide.pdf. Accessed June 2, 2025.
- California Governor's Office of Emergency Services. 2020. *Adaptation Planning Guide*. Available: <https://www.caloes.ca.gov/wp-content/uploads/Hazard-Mitigation/Documents/CA-Adaptation-Planning-Guide-FINAL-June-2020-Accessible.pdf>. Accessed June 4, 2025.

- California Public Utilities Commission. 2018. CPUC High Fire Threat District. Web Viewer. Available: <https://capuc.maps.arcgis.com/apps/webappviewer/index.html?id=5bdb921d747a46929d9f00dbdb6d0fa>. Accessed March 24, 2025.
- Christiansen, K., A. A. Assi, R. B. Mostafiz, R. V. Rohli, et al. 2024. "Charting the Scorched Trails: A Comparative Analysis of Roadway Damage from Historical Megafires to the Unprecedented 2020 Labor Day Wildfires on the USA West Coast." *Emergency Management Science and Technology* 4: e015. Available: <https://www.maxapress.com/article/doi/10.48130/emst-0024-0016>. Accessed June 26, 2025.
- County of San Diego. 2019. *County of San Diego Resilience Review Report 1-19: Wildland Fires*. Available: https://www.sandiegocounty.gov/content/dam/sdc/oes/emergency_management/plans/Resilience-Review-Reports/SDC_RESILIENCE%20REVIEW%20REPORT_WILDLAND%20FIRES_FINAL_20190909.pdf. Accessed June 12, 2025.
- . 2023a. Office of Emergency Services. *Multi-Jurisdictional Hazard Mitigation Plan*. Available: https://www.sandiegocounty.gov/content/dam/sdc/oes/emergency_management/HazMit/2023/MJHMP_SD%20County%20Base%20Plan%202023.pdf. Accessed February 6, 2025.
- . 2023b (April 13). *County of San Diego 2023 Consolidated Fire Code*. Available: <https://www.sandiegocounty.gov/pds/docs/cosd-fire-code.pdf>. Accessed January 6, 2025.
- County of San Diego Fire Authority. 2019. *Strategic Plan 2020–2025*. Available: <https://www.sandiegocounty.gov/content/dam/sdc/sdcfa/documents/StratPlan/StratPlanCtyFire.pdf>. Accessed January 6, 2025.
- County of San Diego Office of Emergency Services. 2013 (April). *San Diego County Operational Area Wildland Urban Interface Policy # 8-A*. Available: <https://sdoparea.org/wp-content/uploads/documents/8A%20WUI%20-%20Wildland%20Urban%20Interface.pdf>. Accessed June 12, 2025.
- CPUC. See California Public Utilities Commission.
- DOI and USDA. See U.S. Department of the Interior and U.S. Department of Agriculture.
- Dodd. 2018. Senate Bill No. 901, Chapter 626. Available: https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201720180SB901. Accessed August 20, 2025.
- Federal Emergency Management Agency. 2020. FEMA Fact Sheet Flood After Fire. Available: https://www.fema.gov/sites/default/files/documents/fema_flood-after-fire_factsheet_nov20.pdf. Accessed March 24, 2025.
- Friedman. 2018. Assembly Bill No. 901, Chapter 641. Available: https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201720180AB2911. Accessed August 20, 2025.
- FEMA. See Federal Emergency Management Agency.
- ICC. See International Code Council.
- International Code Council. 2023 (October). *2024 International Fire Code*. Available: <https://codes.iccsafe.org/content/IFC2024P1>. Accessed January 6, 2025.
- Kalansky, J., D. Cayan, K. Barba, L. Walsh, K. Brouwer, and D. Boudreau. 2018. *California's Fourth Climate Change Assessment: San Diego Region Report*. Available: <http://www.climateassessment.ca.gov/regions/docs/20180827-SanDiego.pdf>. Accessed June 13, 2025.
- Kean, J.W., and D.M. Staley. 2021. "Forecasting the Frequency and Magnitude of Postfire Debris Flows Across Southern California." *Earth's Future* 9(3). Available: <https://agupubs.onlinelibrary.wiley.com/doi/full/10.1029/2020EF001735>. Accessed June 24, 2025.

- Law, B. E., J. T. Abatzoglou, C. R. Schwalm, et al. 2025. "Anthropogenic Climate Change Contributes to Wildfire Particulate Matter and Related Mortality in the United States." *Communications Earth Environment* 6: 336. Available: <https://doi.org/10.1038/s43247-025-02314-0>. Accessed June 13, 2025.
- Li, R., and M. V. Chester. 2023. "Vulnerability of California Roadways to Post-Wildfire Debris Flows." *Environmental Research Infrastructure and Sustainability* 3: 015003. Available: <https://iopscience.iop.org/article/10.1088/2634-4505/acb3f5>. Accessed June 26, 2025.
- Mann, M. L., E. Batllori, M. A. Moritz, E. K. Waller, P. Berce, A. L. Flint, L. E. Flint, and E. Dolfi. 2016 (April 28). "Incorporating Anthropogenic Influences into Fire Probability Models: Effects of Human Activity and Climate Change on Fire Activity in California." *PLoS One* 11(4): e0153589.
- National Park Service. 2017. Wildland Fire Behavior. Available: <https://www.nps.gov/articles/wildland-fire-behavior.htm>. Accessed June 26, 2025.
- National Public Radio. 2025. Power Lines Sparked New Fires in LA after the Eaton Fire Began, Radio Traffic Shows. Available: <https://www.npr.org/2025/02/17/nx-s1-5282086/los-angeles-eaton-fire-altadena-power-lines>. Accessed June 20, 2025.
- New York Times. 2025. Many of California's Most Destructive Fires Were Caused by Power Lines. Available: <https://www.nytimes.com/interactive/2025/01/13/us/los-angeles-fires-cause.html>. Accessed June 20, 2025.
- NPR. See National Public Radio.
- NPS. See National Park Service.
- Radeloff, V. C., D. P. Helmers, H. Anu Kramer, M. H. Mockrin, P. M. Alexandre, A. Bar-Massada, V. Butsic, et al. 2018. "Rapid Growth of the U.S. Wildland-Urban Interface Raises Wildfire Risk." *Proceedings of the National Academy of Sciences* 115(13): 3314–3319.
- Rengers, F. K., L. A. McGuire, N. S. Oakley, J. W. Kean, D. M. Staley, and H. Tang, et al. 2020. Landslides After Wildfire: Initiation, Magnitude, and Mobility. Department of Interior Technical Note 10.1007/s10346-020-01506-3. Available: <https://link.springer.com/content/pdf/10.1007%2Fs10346-020-01506-3.pdf>. Accessed June 26, 2025.
- Sacramento Metropolitan Air Quality Management District. 2018. Wildfire Smoke Information. Available: <http://www.airquality.org/residents/public-outreach/wildfire-smoke-information>. Accessed March 24, 2025.
- San Diego County Water Authority. 2021. *2020 Urban Water Management Plan*. Available: https://www.sdcwa.org/wp-content/uploads/2021/08/2020-UWMP_Final-Print-Version-July-2021-1.pdf. Accessed June 20, 2025.
- . 2025 (March). *2024 Water Facilities Master Plan*. Available: <https://www.sdcwa.org/wp-content/uploads/2025/05/2024-Water-Facilities-Master-Plan-1.pdf>. Accessed June 20, 2025.
- San Diego Gas & Electric. 2023. *Strategic Undergrounding Fact Sheet*. Available: https://www.sdge.com/sites/default/files/new%20SUG%20fact%20sheet%206%2021%2023_0.pdf. Accessed June 20, 2025.
- . 2024 (July 5). *2025 Wildfire Mitigation Plan Update*. Revision 2. https://www.sdge.com/sites/default/files/regulatory/2024-07-05_SDGE_2025_WMP-Update_R2.pdf. Accessed January 6, 2025.
- . 2025a. Strategic Undergrounding Program. Available: <https://www.sdge.com/undergrounding-overhead-powerlines>. Accessed June 20, 2025.
- . 2025b. Wildfire Safety. Available: <https://www.sdge.com/our-commitment-wildfire-safety>. Accessed July 18, 2025.

- Schoennagel, T., J. K. Balch, H. Brenkert-Smith, P. E. Dennison, B. J. Harvey, M. A. Krawchuk, N. Mietkiewicz, P. Morgan, M. A. Mortiz, R. Rasker, et al. 2017 (April 17). "Adapt to More Wildfire in Western North American Forests as Climate Changes." *Proceedings of the National Academy of Sciences* 114(18): 4582–4590.
- SCAG. See Southern California Association of Governments.
- SDCWA. See San Diego County Water Authority.
- SDG&E. See San Diego Gas & Electric.
- Southern California Association of Governments. 2024. *Certified Final Program Environmental Impact Report for Connect SoCal 2024*. Available: <https://scag.ca.gov/peir>. Accessed February 4, 2025.
- Syphard, A. D., and J. E. Keeley. 2015. "Location, Timing, and Extent of Wildfire Vary by Cause of Ignition." *International Journal of Wildland Fire* 24(1): 37–47.
- Syphard, A. D., V. C. Radeloff, J. E. Keeley, T. J. Hawbaker, M. K. Clayton, S. I. Stewart, and R. B. Hammer. 2007 (July). "Human Influence on California Fire Regimes." *Ecological Applications* 17(5): 1388–1402.
- Syphard, A. D., V. C. Radeloff, N. S. Keulen, R. S. Taylor, T. J. Hawbaker, S. I. Stewart, and M. K. Clayton. 2008. "Predicting Spatial Patterns of Fire on a Southern California Landscape." *International Journal of Wildland Fire* 17: 602–613.
- UCLA. See University of California Los Angeles.
- USDA. See U.S. Department of Agriculture.
- U.S. Department of Agriculture. 2001. "Urban Wildland Interface Communities within Vicinity of Federal Lands that Are at High Risk from Wildfire." *Federal Register* 66: 751–777. Available: <https://www.federalregister.gov/documents/2001/01/04/01-52/urban-wildland-interface-communities-within-the-vicinity-of-federal-lands-that-are-at-high-risk-from>. Accessed January 6, 2025.
- U.S. Department of the Interior. 2000. Managing the Impact of Wildfires on Communities and the Environment (The National Fire Plan). Available: <https://clintonwhitehouse4.archives.gov/CEQ/firereport.html>. Accessed March 24, 2025.
- U.S. Department of the Interior and U.S. Department of Agriculture. 2022 (April). *Infrastructure Investment and Jobs Act Wildfire Risk Five-Year Monitoring, Maintenance, and Treatment Plan*. Available: https://www.doi.gov/sites/doi.gov/files/bil-5-year-wildfire-risk-mmt-plan.04.2022.owf_final_.pdf. Accessed July 28, 2025.
- USDOL. See U.S. Department of the Interior.
- U.S. Environmental Protection Agency. 2025. Why Wildfire Smoke Is a Health Concern. Available: <https://www.epa.gov/wildfire-smoke-course/why-wildfire-smoke-health-concern>. Accessed June 13, 2025.
- US EPA. See U.S. Environmental Protection Agency.
- U.S. Forest Service. 2023. Fire Behavior. Available: <https://research.fs.usda.gov/psw/fire/behavior>. Accessed June 26, 2025.
- USFS. See U.S. Forest Service.
- U.S. Geological Survey. 2019. Nationwide Landslide Mapping Database. Available: <https://www.sciencebase.gov/catalog/item/5c7065b4e4b0fe48cb43fbd7>. Accessed June 26, 2025.
- . 2021. *How Often Do Rainstorms Cause Debris Flows in Burned Areas of the Southwestern US?* Available: https://www.usgs.gov/natural-hazards/landslide-hazards/science/how-often-do-rainstorms-cause-debris-flows-burned-areas?qt-science_center_objects=0#qt-science_center_objects. Accessed June 26, 2025.
- USGS. See U.S. Geological Survey.

- University of California Los Angeles. 2025. Economic Impact of the Los Angeles Wildfires. Available: <https://www.anderson.ucla.edu/about/centers/ucla-anderson-forecast/economic-impact-los-angeles-wildfires#:~:text=In%20summary%2C%20the%20total%20property,losses%20estimated%20at%20%2475%20billion>. Accessed February 14, 2025.
- Westerling, A. L. 2018. *Wildfire Simulations for the Fourth California Climate Assessment: Projecting Changes in Extreme Wildfire Events with a Warming Climate*. University of California, Merced, California's Fourth Climate Change Assessment, California Energy Commission.
- Western Fire Chiefs Association. 2024. The Link Between Power Lines and Wildfires. Available: <https://wfca.com/wildfire-articles/power-lines-and-wildfires/>. Accessed June 16, 2025.
- WFOA. See Western Fire Chiefs Association.

Chapter 5 Alternatives

No references used in this chapter.

Chapter 6 Other Considerations Required by CEQA

- San Diego Association of Governments. 2025. "Appendix B: Sustainable Communities Strategy Documentation and Related Information." *Draft 2025 Regional Plan*. Available: <https://www.sandag.org/~/-/media/22977C036B624D999E62E2467A88F1C2.ashx>. Accessed August 5, 2025.

Appendix N Comments and Responses to Comments

- California Air Resources Board. 2017 *Scoping Plan-Identified VMT Reductions and Relationship to State Climate Goals*. Available: https://ww2.arb.ca.gov/sites/default/files/2019-01/2017_sp_vmt_reductions_jan19.pdf. Accessed on November 3, 2025.
- California Department of Fish and Wildlife. 2025. Department of Fish and Wildlife Data Portal. <https://nrm.dfg.ca.gov/pad/home>. Accessed November 24, 2025.
- California Department of Transportation. 2025a. Caltrans Standard Environmental Reference. <https://dot.ca.gov/programs/environmental-analysis/standard-environmental-reference-ser/purpose-of-ser>. Accessed on November 20, 2025.
- . 2025b. State Route 94 (SR-94)/State Route 125 (SR-125) Interchange and Arterial Operational Improvements Project. Available: <https://dot.ca.gov/caltrans-near-me/district-11/current-projects/sr-94-125-interchange-project>. Accessed: November 21, 2025.
- . 2025c. I-5/SR-78 Interchange Project. Available: <https://dot.ca.gov/caltrans-near-me/district-11/current-projects/sr78-projects/i5sr78-interchange>. Accessed: November 21, 2025.
- . 2025d. Memorandum: Proposition 1A High-Speed Passenger Train Bond Program Semi-Annual Report – Fiscal Year 2024–25, October 16-17, 2025. Available: <https://catc.ca.gov/-/media/ctc-media/documents/ctc-meetings/2025/2025-10/38-3-12-a11y.pdf>. Accessed December 2, 2025.
- . 2025e. State Highway Operation and Protection Program (SHOPP) and Minor Program. Available: <https://dot.ca.gov/programs/financial-programming/state-highway-operation-protection-program-shopp-minor-program-shopp>. Accessed on November 3, 2025.
- California Natural Resources Agency. 2025 (July). *Pathways to 30x30. California Annual Progress Report*. Available: <https://resources.ca.gov/-/media/CNRA-Website/Files/2025-30x30-Pathways-Progress-Report.pdf>. Accessed on November 20, 2025.
- Caltrans. See California Department of Transportation.
- CARB. See California Air Resources Board.
- CDFW. See California Department of Fish and Wildlife.

- Center for Sustainable Energy. 2025. San Diego County Incentive Project. Implemented by CSE for the California Energy Commission. Presented in partnership with San Diego Association of Governments and San Diego County Air Pollution Control District. Available: <https://calevip.org/incentive-project/san-diego-county>. Accessed: November 3, 2025.
- City of San Diego 2025 (September 10). *Midway Rising Specific Plan Subsequent Environmental Impact Report*. Available: https://www.sandiego.gov/sites/default/files/2025-09/dsd_midway-rising-project-final-subsequent-environmental-impact-report_ocr_opt.pdf. Accessed: November 21, 2025.
- CSE. See Center for Sustainable Energy.
- NRCA. See California Natural Resources Agency.
- San Diego Association of Governments. 2023 (December). *Miramar Tunnels Alternatives Analysis Report. San Diego Regional Rail Corridor Alternative Alignment and Improvements Conceptual Engineering Study*. Prepared by HDR. Available: <https://www.sandag.org/-/media/SANDAG/Documents/PDF/projects-and-programs/featured-projects/lossan-rail-improvements-del-mar-bluffs/miramar-tunnels-alternatives-analysis-report.pdf>. Accessed on November 17, 2025.
- . 2024a (September 27). *2025 Regional Transportation Improvement Program*. Available: <https://www.sandag.org/funding/funding-and-programming/regional-transportation-improvement-program>. Accessed on November 17, 2025.
- . 2024b (May). *San Diego Association of Governments Bylaws*. Adopted July 2003, Amended May 2024. Available: <https://www.sandag.org/-/media/SANDAG/Documents/PDF/about/about-SANDAG/bylaws-and-policies/SANDAG-bylaws.pdf>. Accessed on November 24, 2025.
- . 2025a (May). *Draft 2025 Regional Plan*. Appendix F. Available: <https://www.sandag.org/-/media/SANDAG/Documents/PDF/regional-plan/2025-regional-plan/chapters-and-appendices/2025-regional-plan-appendix-f.pdf>. Accessed on November 17, 2025.
- . 2025b (February 8). *Technical Methodology to Estimate Greenhouse Gas Emissions for the 2025 Regional Plan and Sustainable Communities Strategy from the San Diego Association of Governments. Final*. Available: <https://www.sandag.org/rp25scstechnicalmethodologyghgemissions>. Accessed on November 26, 2025.
- SANDAG. See San Diego Association of Governments.
- SANDAG and Caltrans. See San Diego Association of Governments and California Department of Transportation.
- San Diego Unified Port District. 2023 (December). *Port Master Plan Update Project Final Program Environmental Impact Report*. Available: <https://www.portofsandiego.org/waterfront-development/port-master-plan-update#finaleir>. Accessed on November 17, 2025.
- San Diego Association of Governments and California Department of Transportation. 2022 (September 26). *San Vicente Comprehensive Multimodal Corridor Plan*. Available: <https://www.sandag.org/-/media/SANDAG/Documents/PDF/regional-plan/comprehensive-multimodal-corridor-plans/san-vicente-cmcp/final-san-vicente-cmcp-2022.pdf>. Accessed on November 21, 2025.

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