

11 LIST OF PREPARERS

Since publication of the Draft Environmental Impact Report (EIR)/Environmental Impact Statement (EIS), there have been several changes to this chapter to reflect revisions to certain roles and responsibilities.

11.1 California High-Speed Rail Authority

Project Role	Name, Credential	Qualifications
Chief Executive Officer	Brian P. Kelly	23 years of experience BA, Government-Journalism, California State University, Sacramento
Northern California Regional Director	Boris Lipkin	11 years of experience MCP, City Planning, University of Pennsylvania BA, Business Economics and Geography, University of California, Los Angeles
Former Northern California Regional Director	Ben Tripousis	30 years of experience MPA, Public Administration, San Jose State University BS, Political Science, University of California, Berkeley
Northern California Deputy Regional Director	Morgan Galli	17 years of experience MUP, Urban Planning, San Jose State University MA, Political Science, Whittier College
Director of Environmental Services	Serge Stanich	25 years of experience BA, Environmental Studies, California State University, Sacramento
Former Director of Environmental Services	Mark McLoughlin	33 years of experience BS, Ornamental Horticulture and Landscape Construction, California Polytechnic State University, San Luis Obispo
Northern California Regional Delivery Manager	Shahin Pourvahidi, PE	36 years of experience BS, Civil Engineering, University of Wisconsin, Platteville
Former Northern California Regional Delivery Manager	Guy Preston, PE	30 years of experience BS, Civil Engineering, University of California, Berkeley
Director of Planning and Sustainability	Margaret Cederoth	20 years of experience MURP, Urban and Regional Planning, University of Illinois, Urbana-Champaign
Former Director of Planning and Integration	Melissa Elefante DuMond, AICP	16 years of experience BS, Environmental Studies, University of North Carolina, Wilmington MPA, Public Administration, North Carolina State University, Raleigh

Project Role	Name, Credential	Qualifications
Authority NEPA Assignment Manager	Scott Rothenberg	16 years of experience BA, Environmental Policy, Bowling Green State University, Bowling Green
Former Authority NEPA Assignment Manager	Dan McKell	30 years of experience Graduate Certificate, Integrated Freight Systems, Management, Melbourne University
Senior Environmental Planner, Cultural Resources Program Manager/Tribal Liaison	Amy MacKinnon	10 years of experience MA, Anthropology, California State University, Chico BA, English, University of California, Davis
Supervising Environmental Planner, Cultural Resources Program Manager/Tribal Liaison	Brett Rushing	28 years of experience MA, Anthropology, California State University, San Francisco BA, Anthropology, Louisiana State University
Former Supervising Environmental Planner, Cultural Resources Program Manager/Tribal Liaison	Sarah Allred	26 years of experience BA, Anthropology, California State University, Sacramento
Supervising Transportation Engineer	Joyce Brenner, PE	31 years of experience BS, Civil Engineering, California State University, Chico

AICP = American Institute of Certified Planners
 BA = Bachelor of Arts
 BS = Bachelor of Science (United States)
 JD = Juris Doctor
 MA = Master of Arts
 MCP = Master of City Planning
 MPA = Master of Public Administration
 MURP = Master of Urban and Regional Planning
 PE = Professional Engineer

11.2 Federal Railroad Administration (prior to the July 23, 2019 NEPA Assignment MOU)

Project Role	Name, Credential	Qualifications
Former Environmental Protection Specialist	Stephanie B. Perez-Arrieta, PG	25 years of experience BS, Geology, Virginia Polytechnic Institute and State University

BS = Bachelor of Science
 PG = Professional Geologist

11.3 Project Management Team – Rail Delivery Partners

Project Role	Name, Credential	Qualifications
Deputy Director of Environmental Services	Bryan K. Porter, AICP	37 years of experience MPA, Public Administration, California State University, Sacramento BA, Political Science, University of California, Berkeley
Former Deputy Director of Environmental Services	Lisa G. Nungesser, PhD	37 years of experience PhD, Community and Regional Planning and Geography, University of Texas, San Antonio MS, Environmental Management, University of Texas, San Antonio BA, Plan II, University of Texas, San Antonio
Northern California Director of Projects	Gary John Kennerley, PE	28 years of experience BS, Civil Engineering, University of Bristol
Former Northern California Director of Projects	Rebecca Kohlstrand, AICP	35 years of experience MS, Transportation Engineering, University of California, Berkeley MCRP, City and Regional Planning, University of California, Berkeley BS, Resource Recreation Management, Oregon State University
Project Manager	James Tung	17 years of experience BS, Civil Engineering, McGill University MS, Civil Infrastructure, Virginia Polytechnic Institute and State University
Environmental Task Lead, San Francisco to San Jose Environmental	W. Andrew Bayne	22 years of experience B.A. Health and Human Performance, Brigham Young University
Former Assistant Project Manager and Environmental Task Lead, San Francisco to San Jose Environmental	Phyllis Potter, AICP	35 years of experience MA, Environmental Planning, California State University, Long Beach BA, Fine Arts, Portland State University
Project Manager, San Jose to Merced Environmental	Audrey Van, AICP	10 years of experience MS, Biology, Georgia Institute of Technology BS, Biology, Sonoma State University
Former Project Manager, San Jose to Merced Environmental	Dave Shpak, AICP	33 years of experience BS, Environmental Planning, University of California, Davis
Assistant Project Manager, San Jose to Merced Environmental	Chris Diwa, AICP	15 years of experience BA, Sociology, Urban Studies, University of California, Irvine

Project Role	Name, Credential	Qualifications
Assistant Project Manager, San Jose to Merced Engineering	Julian Bratina, EIT	9 years of experience BS, Civil Engineering, University of New Hampshire, Durham
Former Civil Engineer, San Jose to Merced	Tony Gura, PE	12 years of experience BS, Civil Engineering, University of Illinois at Chicago, Chicago
Deputy Director Operations & Maintenance	Simon Whitehorn	35 years of experience
Permitting Manager	Sue Meyer, JD	20 years of experience JD, University of California, Los Angeles MA, Philosophy, University of North Carolina, Chapel Hill BA, Philosophy, Occidental College
Transportation; Socioeconomics and Communities; Environmental Justice; Station Planning, Land Use and Development	Bruce Fukuji	25 years of experience MCP, City Planning, University of California, Berkeley BA, Architecture, University of California, Berkeley
Former NEPA Assignment Policy Advisor	Manisha Patel	23 years of experience JD, Georgetown University Law Center, Washington, DC BA, Political Science, Northwestern University, Chicago
Former Northern California NEPA Assignment Coordinator	David Carlson	30 years of experience BS, Natural Resource Management, University of Massachusetts, Amherst
Northern California NEPA Assignment Coordinator	Anthony Scolaro, AICP CEP	27 years of experience MUP, Urban Planning, New York University, New York BA, English, Wayne State University, Detroit
NEPA Assignment Coordinator	Allie Reilly	3 years of experience MSc, Geography, University of Oxford School of Geography and the Environment, Oxford BA, Environmental Studies & Policy, Brown University, Providence
Former Transportation	Donald E. Hubbard, TE, AICP	37 years of experience MCRP, City and Regional Planning, Harvard University BS, Engineering Science, Northwestern University

Project Role	Name, Credential	Qualifications
Air Quality and Greenhouse Gases; Energy	Alice Lovegrove	29 years of experience MS, Environmental and Waste Management, State University of New York, Stony Brook BS, Engineering Science/Environmental Biomedical, State University of New York, Stony Brook
Air Quality and Greenhouse Gases; Energy	Edward Tadross	18 years of experience BA, Environmental Studies, Tulane University BA, Earth Sciences, Tulane University
Noise and Vibration	Rob Greene, INCE, BdCert	30 years of experience BS, Environmental Science, Pacific Western University
Electromagnetic Fields and Electromagnetic Interference	Eric Scotson	40 years of experience BS, Electrical Engineering, University of Salford
Electromagnetic Fields and Electromagnetic Interference	Andy Pattantyus	13 years of experience MBA, Business Administration, Case Western Reserve University MS, Mechanical Engineering, Virginia Polytechnic Institute and State University, Blacksburg BS, Mechanical Engineering, Virginia Polytechnic Institute and State University, Blacksburg
Public Utilities	Zack Isnasious, PE	35 years of experience BS, Civil Engineering, Alexandria University
Former Biological and Aquatic Resources; Hydrology and Water Resources	Mike Aviña, JD	22 years of experience JD, University of California, Davis BA, Anthropology, University of California, Davis
Hydrology and Water Resources	Veronica Seyde	30 years of experience MS, Environmental Studies, California State University, Fullerton BA, Biology, University of San Diego
Biological and Aquatic Resources	John Hunter, PhD	30 years of experience PhD, Plant Biology, University of California, Davis MA, Ecological and Systematic Biology, San Francisco State University BA, Environmental Studies, University of California, Santa Cruz

Project Role	Name, Credential	Qualifications
Biological and Aquatic Resources	Linda Leeman	18 years of experience MS, Natural Resources, Humboldt State University BS, Wildlife and Fisheries Biology, University of California, Davis
Geology, Soils, and Seismicity	Kelley Kelso	17 years of experience MS, Geology, University of California, Davis BS, Geology, University of California, Los Angeles
Geology, Soils, and Seismicity	Julia Bosma	26 years of experience MS, Geological Sciences, Mackay School of Mines MS. Environmental Policy and Management, University of Denver BS, Geological Sciences, University of Washington
Paleontology	Tom Deméré, PhD	40 years of experience PhD, Evolutionary Biology, University of California, Los Angeles MS, Geological Sciences, University of Southern California BS, Geological Sciences, San Diego State University
Hazardous Materials and Waste	David Van Goethem, PE	23 years of experience MBA, Walsh College BS, Civil and Environmental Engineering, Michigan State University
Safety and Security; Project Costs and Operations	Bryan K. Porter, AICP	30 years of experience MPA, Public Administration, California State University, Sacramento BA, Political Science, University of California, Berkeley
Safety and Security	Lurae Stuart	30 years of experience BS, Sociology/Psychology, George Fox University
Socioeconomics and Communities; Regional Growth; Draft Relocation Impact Report	Betsy J. Minden, AICP	30 years of experience MUP, Urban and Regional Planning, University of Washington BA, Biology, Smith College
Station Planning, Land Use, and Development; Cumulative Impacts; Section 4(f) and Section 6(f) Evaluations	Jennifer Rabby, AICP	15 years of experience MCRP, Community and Regional Planning, University of Oregon BA, Biology and Environmental Studies, Lewis and Clark College

Project Role	Name, Credential	Qualifications
Parks, Recreation, and Open Space	Scott Polzin	21 years of experience MCRP, Community and Regional Planning, University of Nebraska, Lincoln BS, Finance, University of Nebraska, Lincoln
Aesthetics and Visual Quality	Larissa King Rawlins, AICP	17 years of experience BA, Environmental Planning, Western Washington University
Former Cultural Resources, Archaeology	Alisa Reynolds, MA, RPA	21 years of experience MA, Anthropology, San Francisco State University BA, Anthropology, University of California, Berkeley
Former Cultural Resources, Built Environment	Meg Scantlebury	17 years of experience MA, Historic Preservation, Goucher College BS, Environmental Design, University of California, Davis
Cultural Resources, Built Environment	Monte Kim, PhD	15 years of experience PhD, History, University of California, Santa Barbara MA, Public History, California State University, Sacramento BA, History, University of California, Santa Cruz
Socioeconomics and Communities; Community Impact Assessment; Environmental Justice	Stephanie J. Sprague, AICP	16 years of experience MS, Natural Resource Policy, University of Michigan BS, Environmental Microbiology, Michigan State University

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 BA = Bachelor of Arts
 BdCert = Board Certified
 BS = Bachelor of Science
 INCE = Institute of Noise Control Engineering
 JD = Juris Doctor
 MA = Master of Arts
 MBA = Master of Business Administration
 MCP = Master of City Planning
 MCRP = Master of City and Regional Planning
 MPA = Master of Public Administration
 MS = Master of Science (United States)
 MUP = Master of Urban Planning
 PE = Professional Engineer
 PhD = Doctor of Philosophy
 RPA = Register of Professional Archaeologists
 TE = Traffic Engineer

11.4 Regional Consultant Environmental Team

Project Role	Name, Credential	Qualifications
Project Manager	John Litzinger, PE	35 years of experience BS, Civil Engineering, Texas A&M, College Station
Former Project Manager	Dominic Spaethling	25 years of experience MCP, City Planning, University of Pennsylvania BA, International Relations, Brown University
Design Manager	Conrad Kim Franchi, PE	41 years of experience BS, Civil Engineering, University of Leeds, Leeds
Environmental Planner	Rosanna McGuire	12 years of experience MS, Environmental Studies, York University BS, Ecology, University of Toronto
Environmental Project Director; Technical Reviewer	Rich Walter	27 years of experience MA, International Relations/Energy, Environment, Science, and Technology, School for Advanced International Relations, Johns Hopkins University BA, History, Stanford University
Environmental Project Manager; Technical Reviewer; Ch. 2 Alternatives; Environmental Justice; Safety and Security	Anne Winslow	10 years of experience MS, Environmental Sciences, Stanford University BS, Environmental Sciences, Stanford University
Production Manager; Technical Reviewer; Draft Relocation Impact Report; Ch. 1 Purpose and Need; Summary; Introduction; Ch. 6 Project Costs	Sarah Glasgow	7 years of experience BS, Integrated Science and Technology, James Madison University
Former Technical Review, Production Manager	Vicki Heron	17 years of experience MSc, Soils & Environmental Pollution, University of Reading BSc, Geography, Liverpool John Moores University
Project Coordinator; Technical Reviewer	Jennifer Ostner	8 years of experience BA, Environmental Studies and Political Science, University of California, Santa Barbara
Former Technical Reviewer; Executive Summary; Hydrology and Water Resources	Lisa Sakata	18 years of experience BA, Peace Studies, Colgate University

Project Role	Name, Credential	Qualifications
Former Technical Review	Laura (Johnson) Klewicki	7 years of experience MS, Environmental Science, School of Forestry and Environmental Studies, Yale University BS, Environmental Technology and Management, North Carolina State University
Technical Review	Randall Coleman	10 years of experience MURP, Urban and Regional Planning, University of Colorado BA, History and Spanish, Trinity University
Technical Reviewer	John Cook	25 years of experience MCP, University of California, Berkeley BA, American Studies, Colby College
Transportation	Bob Grandy, TE	38 years of experience BS, Civil Engineering, University of California, Berkeley
Transportation	Daniel Jacobsen	10 years of experience BA, Urban Studies, Stanford University
Transportation	Mike Hawkins, PE	7 years of experience BS, Civil Engineering, California Polytechnic State University, San Luis Obispo
Transportation	Ian Barnes, PE	8 years of experience MS, Civil Engineering, University of California, Berkeley BS, Civil Engineering, California Polytechnic State University, San Luis Obispo
Transportation	Anna Luo	16 years of experience MS, Transportation and Highway Engineering, Michigan State University BS, Transportation/Mobility Management, Beijing Jiaotong University
Transportation	David Stanek	23 years of experience MS, Transportation Engineering, University of California, Davis BS, Civil and Environmental Engineering, University of California, Davis
Transportation	Sai Sirandas, PE	6 years of experience MS, Civil Engineering (Transportation), Pennsylvania State University BT, Civil Engineering, Indian Institute of Technology, Kharagpur

Project Role	Name, Credential	Qualifications
Transportation	Neil Smolen	4 years of experience MS, Civil Engineering, University of California, Irvine MURP, Urban & Regional Planning, University of California, Irvine BS, Environmental Studies, University of California, Santa Barbara
Transportation	Jesse Cohn	4 years of experience MCRP, City and Regional Planning, University of North Carolina, Chapel Hill BA, Visual Arts and Urban Studies, Brown University
Transportation	Huma Husain	6 years of experience MUP, Urban Planning, University of California, Los Angeles BS, Systems Engineering, University of Virginia
Transportation	Ron Ramos	4 years of experience MS, Transportation and Highway Engineering, University of California, Berkeley BS, Civil and Environmental Engineering, University of California, Berkeley
Transportation	Loan Pham, EIT	2 years of experience BS, Civil Engineering, University of California, Berkeley
Transportation	Rebecca Shafer, EIT	3 years of experience MS, Transportation Engineering/City and Regional Planning, University of California, Berkeley BS, Civil Engineering, University of California, Irvine
Transportation	Natalie Chyba	2 years of experience BS, Civil Engineering, University of California, Berkeley
Transportation	Bill Burton, PE, TE	25 years of experience MS, Civil Engineering, University of California, Berkeley BS, Civil Engineering, University of California, Berkeley
Transportation	Delia Votsch, EIT	3 years of experience BS, Civil Engineering, Drexel University

Project Role	Name, Credential	Qualifications
Transportation	Ben Fuller	6 years of experience MS, Transportation Engineering, University of California, Berkeley BS, Civil Engineering, University of California, Berkeley
Transportation	Allen Wang, PE	5 years of experience MS, Transportation Engineering, University of California, Berkeley BS, Civil Engineering, University of Washington
Transportation	Sebastian Arias, PE	4 years of experience MS, Civil Engineering, University of Illinois, Urbana BS, Civil Engineering, North Carolina State University
Transportation	Elliot Huang, TE	4 years of experience BS, Civil Engineering, University of California, Irvine
Transportation	Jessica Sandoval	5 years of experience BA, Geography, California State University, Sacramento AS, Computer Applications, Sierra Community College
Transportation	Eleanor Leshner	4 years of experience MA, City Planning (Transportation Planning and Policy), University of California, Berkeley BA, Environmental Economics, Middlebury College
Transportation	Dennis Lee	7 years of experience MS, Civil Engineering, University of California, Berkeley MA, Urban and Regional Planning, University of California, Berkeley BA, Computer Science, Brown University
Air Quality and Greenhouse Gases; Cumulative Impacts	David Ernst	41 years of experience MCRP, Environmental Policy, Harvard University BS, Engineering, Brown University
Air Quality and Greenhouse Gases	Edward Carr	39 years of experience MS, Atmospheric Science, University of Washington BS, Meteorology, San Jose State University

Project Role	Name, Credential	Qualifications
Air Quality and Greenhouse Gases	Laura Yoon	10 years of experience MS, Environmental Management, University of San Francisco BA, Environmental Studies, University of Washington
Air Quality and Greenhouse Gases	Darrin Trageser	6 years of experience MS, Atmospheric Sciences, University of California, Davis
Air Quality and Greenhouse Gases	Elliott Wezerek	2 years of experience BS, Environmental Studies, University of Southern California
Air Quality and Greenhouse Gases	Sandy Lin	9 years of experience MCRP, City and Regional Planning, University of Pennsylvania BA, Urban Studies and Planning, University of California, San Diego BA, Economics, University of California, San Diego
Air Quality and Greenhouse Gases	Yi Hua Wei	30 years of experience MS, Physics, Indiana State University MS, Atmospheric Science, State University of New York, Albany BS, Physics, Nanjing University
Air Quality and Greenhouse Gases	Belle Hudischewskyj	39 years of experience BS, Meteorology, San Jose State University AS, Mathematics, Sierra Community College
Air Quality and Greenhouse Gases	Matt McFalls	11 years of experience MS, Geography, San Diego State University BA, Public Administration, San Diego State University
Noise and Vibration	Timothy Johnson	19 years of experience BS, Mechanical Engineering with Acoustics Concentration, University of Hartford
Noise and Vibration	Deborah Jue	30 years of experience MS, Mechanical Engineering, University of California, Berkeley BS, Engineering and Acoustics, Stanford University
Noise and Vibration	Patrick Faner	10 years of experience BS, Mechanical Engineering, University of California, Berkeley

Project Role	Name, Credential	Qualifications
Noise and Vibration	Luke Watry	3 years of experience BS, Mechanical Engineering, University of Colorado, Boulder
Noise and Vibration	Silas Bensing	10 years of experience BA, Audio Arts and Acoustics, Columbia College
Noise and Vibration	Sarah Kaddatz	5 years of experience BS, Acoustics, Columbia College
Noise and Vibration	Taylor Hays	8 years of experience BS, Meteorology, Rutgers University
Electromagnetic Fields and Electromagnetic Interference	Matthew Sneddon	37 years of experience BS, Physics, University of California, Santa Barbara
Electromagnetic Fields and Electromagnetic Interference	Aditya Balani	15 years of experience MS, Acoustics, Pennsylvania State University
Electromagnetic Fields and Electromagnetic Interference	David Fugate	26 years of experience PhD, Electrical Engineering, Carnegie Mellon University MS, Electrical Engineering, Carnegie Mellon University BS, Electrical Engineering, Carnegie Mellon University
Public Utilities and Energy; Station Planning, Land Use, and Development	Leo Mena	7 years of experience BA, Ecology and Evolutionary Biology, Princeton University
Public Utilities and Energy; Safety and Security	Robert Lanza, PE	37 years of experience ME, Chemical Engineering, Cornell University BS, Chemical Engineering, Cornell University
Biological and Aquatic Resources	Torrey Edell	16 years of experience BS, Ecology and Systematic Biology, California Polytechnic State University, San Luis Obispo
Former Biological and Aquatic Resources	Matt Ricketts	19 years of experience MS, Biology/Applied Ecology, Eastern Kentucky University BS, Natural Resources and Environmental Science, University of Illinois, Urbana-Champaign
Biological and Aquatic Resources	LeAnne Rojas	10 years of experience MS, Water Resources Management, University of Idaho BS, Biological Conservation, California State University, Sacramento

Project Role	Name, Credential	Qualifications
Biological and Aquatic Resources	Joel Butterworth, PWS, QSD, CPESC	33 years of experience MS, Geography, Oregon State University BA, Geography, University of California, Santa Barbara
Biological and Aquatic Resources	Brad Schafer	24 years of experience BS, Biology, Western Illinois University
Hydrology and Water Resources	Analette Ochoa, PE, QSD/P, ToR	27 years of experience BS, Civil Engineering, University of California, Davis
Hydrology and Water Resources	Tony Jones, JD, QSD/P, QISP, ToR, CPESC, CESSWI	24 years of experience JD, University of California, Davis BS, Environmental Chemistry, University of California, Davis
Hydrology and Water Resources	Alvin Yim, CPSWQ, QSD/P	12 years of experience BS, Civil Engineering, San Francisco State University
Hydrology and Water Resources	Kazuya Tsurushita, PE	13 years of experience BS, Civil and Environmental Engineering, University of California, Davis
Former Hydrology and Water Resources	Cuyler Stapelmann	10 years of experience BS, Conservation and Resource Studies, University of California, Berkeley
Hydrology and Water Resources	Nicolle Belle Isle, EIT	7 years of experience MS, Environmental Engineering, University of California, Berkeley BA, Linguistics and French, Harvard University
Hydrology and Water Resources	Ashley Chan	7 years of experience BS, Ecology and Evolutionary Biology, University of California, Irvine
Hydrology and Water Resources	Yerae Seo	2 years of experience BS, Science of Earth Systems, Cornell University
Hydrology and Water Resources	Laura Rocha, CPSWQ, QSD/P	14 years of experience MS, Environmental Studies, California State University, Fullerton BA, Environmental Studies and Psychology, University of California, Santa Barbara
Geology, Soils, Seismicity, and Paleontological Resources; Hazardous Materials and Waste	Paul Cottingham, CEG	18 years of experience BS, Geology, Humboldt State University
Geology, Soils, Seismicity, and Paleontological Resources; Hazardous Materials and Waste	Phil Stuecheli, CEG	33 years of experience MS, Geology, Ohio State University BS, Geology, Ohio State University

Project Role	Name, Credential	Qualifications
Geology, Soils, Seismicity, and Paleontological Resources	Abram Magel, PE	8 years of experience MS, Geotechnical Engineering, University of California, Berkeley BA, Environmental Studies, University of California, Santa Cruz BS, Civil and Environmental Engineering, University of California, Berkeley
Geology, Soils, Seismicity, and Paleontological Resources	Mark Gilbert, GE	36 years of experience MS, Geotechnical Engineering, Arizona State University, Tempe BS, Civil Engineering, Arizona State University, Tempe
Geology, Soils, Seismicity, and Paleontological Resources	Matt Clark, EIT	5 years of experience MS, Civil and Environmental Engineering (Geotechnical Concentration), California Polytechnic State University, San Luis Obispo BS, Civil and Environmental Engineering, California Polytechnic State University, San Luis Obispo
Geology, Soils, Seismicity, and Paleontological Resources	Courtney Richards	12 years of experience MS, Biological Sciences (Paleontology Emphasis), Marshall University BS, Earth and Space Sciences, University of Washington
Geology, Soils, Seismicity, and Paleontological Resources	Kate Zubin-Stathopoulos	9 years of experience MS, Geoscience, University of Calgary
Geology, Soils, Seismicity, and Paleontological Resources	Geraldine Aron	18 years of experience MS, Geological Sciences (Paleontology Emphasis), California State University, Long Beach
Geology, Soils, Seismicity, and Paleontological Resources	Paul Nesbitt	3 years of experience MS, Geography (GIS), California State University, Long Beach
Former Executive Summary; Geology, Soils, Seismicity, and Paleontological Resources; Hazardous Materials and Waste; Ch. 7 Other CEQA/NEPA Considerations; Ch. 8 Preferred Alternative	Alex Bartlett	11 years of experience BGS, Environmental Studies, University of Kansas
Geology, Soils, Seismicity, and Paleontological Resources; Hazardous Materials and Waste	Diana Roberts	21 years of experience MS, Environmental Studies coursework, San Jose State University MA, Linguistics, Cornell University BS, Applied Psychology, Georgia Institute of Technology

Project Role	Name, Credential	Qualifications
Hazardous Materials and Wastes	Shawn Munger, PG, CHG	30 years of experience BS, Geological Sciences, University of California, Davis
Hazardous Materials and Wastes	Richard Gandolfo, QSD	10 years of experience BS, Environmental Science, California State University, East Bay
Hazardous Materials and Wastes	Jenna Lohman, PE	3 years of experience MS, Civil Engineering, University of California, Berkeley BS, Environmental Engineering, Tufts University
Hazardous Materials and Wastes	Travis Chatters, PE, QSD	6 years of experience MS, Geotechnical Engineering, California State University, Sacramento BS, Civil Engineering, California State University, Chico
Hazardous Materials and Wastes	Brooke Spruit, EIT	2 years of experience BS, Civil Engineering, University of Michigan BS, Environmental Engineering, University of Michigan
Safety and Security; Socioeconomics and Communities; Community Impact Assessment; Parks, Recreation, and Open Space; Section 4(f)/6(f) Evaluation	Devan Atteberry	3 year of experience BS, Environmental Management and Protection, California Polytechnic State University, San Luis Obispo
Socioeconomics and Communities; Community Impact Assessment; Station Planning, Land Use, Development	Jennifer Andersen	10 years of experience BA, International Relations, University of Southern California
Former Parks, Recreation, and Open Space; Community Impact Assessment; Section 4(f)/6(f) Evaluation	Peter Feldman	7 years of experience BA, Political Science (American Politics), University of California, Irvine
Former Socioeconomics and Communities; Community Impact Assessment; Environmental Justice	Shilpa Trisal	15 years of experience MCP, Community Planning, University of Cincinnati BP, School of Planning and Architecture, New Delhi
Parks, Recreation, and Open Space; Section 4(f)/6(f) Evaluation; Environmental Justice	Kimberly Stevens	15 years of experience BS, Geography, University of Utah

Project Role	Name, Credential	Qualifications
Former Parks, Recreation, and Open Space	Lawrence Truong	2 years of experience MP, City and Urban Planning, University of Southern California BS, Community and Regional Development, University of California, Davis
Aesthetics and Visual Quality	Michael Kiesling	13 years of experience BA, Architecture, University of California, Berkeley
Aesthetics and Visual Quality	Angela Lin	21 years of experience BA, Art, Wesleyan University
Aesthetics and Visual Quality	Jennifer Ban, PLA	20 years of experience BLA, Landscape Architecture, Pennsylvania State University
Cultural Resources; Section 4(f)/6(f) Evaluation	January Tavel	11 years of experience MHP, Historic Preservation, University of Maryland, College Park BA, Journalism, University of Maryland, College Park
Former Cultural Resources	Lauran Switzer	14 years of experience MA, Anthropology, University of South Carolina BS, Anthropology, College of Charleston
Cultural Resources	Tait Elder	16 years of experience MA, Anthropology, Portland State University BA, Anthropology, minor in Geology, Western Washington University
Cultural Resources	Susan Lassell	27 years of experience MA, Historic Preservation Planning, Cornell University BS, Environmental Design, University of California, Davis
Cultural Resources	Timothy Yates, PhD	11 years of experience PhD, U.S. History (emphasis in Cultural, Social, and Urban History), University of California, Davis MA, American Studies, California State University, Fullerton BA, American Studies, University of California, Santa Cruz
Cultural Resources	Yuka Oiwa	6 years of experience BA, Anthropology, Smith College

Project Role	Name, Credential	Qualifications
Cultural Resources	Meta Bunse	29 years of experience MA, Public History, California State University, Sacramento BA, Women's Studies and Italian Language, University of California, Davis
Cultural Resources	Toni Webb	20 years of experience BFA, Historic Preservation, Savannah College of Art and Design
Cultural Resources	Heather Norby	11 years of experience MA, History, University of California, Berkeley BA, History, University of California, Davis
Cultural Resources	Robin Fies	6 years of experience MA, Anthropology, San Francisco State University BS, Anthropology and Geology, University of California, Davis
Regional Growth	Darin Smith	24 years of experience MCP, City Planning, University of Pennsylvania BA, Psychology, University of Pennsylvania
Regional Growth	Edward A. Sullivan, III	34 years of experience MCP, City Planning, University of Pennsylvania BS, Biology, Metropolitan State University
Cumulative Impacts	Merin Swenson	13 years of experience BS, Environmental Science, University of Utah
Cumulative Impacts	Susan Swift	28 years of experience MA, Planning and Development Studies, University of Southern California BA, Psychology, University of California, Berkeley
Cumulative Impacts	Debra Rogers	22 years of experience MBA, International Business/Marketing, University of North Carolina, Chapel Hill BS, Business Administration/Marketing, Villanova University
Former Ch. 5 Environmental Justice	Caroline Vurlumis	3 years of experience BA, Environmental Analysis, Scripps College
Ch. 5 Environmental Justice	Tanya Copeland	20 years of experience MS, Ecology and Evolution, University of Illinois at Chicago BS, Chemistry, University of Illinois at Chicago

Project Role	Name, Credential	Qualifications
Environmental Justice; Outreach and Documentation	Rafael Silberblatt	8 years of experience MLA, Landscape Architecture Environmental Planning, University of California, Berkeley BA, Comparative Literature, University of California, Berkeley
Ch. 5 Environmental Justice; Ch. 9 Public Agency Involvement	Tiffany Mendoza	16 years of experience BA, Political Science, Wright State University
Ch. 7 Other CEQA/NEPA Considerations; Ch. 10 EIR/EIS Distribution; Safety and Security	Jamie Genevie	8 years of experience MURP, Urban and Regional Planning, Virginia Polytechnic Institute and State University BA, Global Change and Sociology, University of Michigan
Former Geographic Information Systems	William C. Parker	8 years of experience MA, Geography, San Francisco State University (in progress) BA, Anthropology, University of California, Berkeley GIS Certification of Completion, Diablo Valley College
Geographic Information Systems	Jason Thoene	23 years of experience MS, Geographic Information Systems, University of Colorado, Denver BA, Geology, University of Montana
Geographic Information Systems; Cultural Resources	Melissa Cascella	13 years of experience MA, Cultural Resources Management, Sonoma State University BS, Anthropology, University of California, Riverside GIS Certificate, Pennsylvania State University
Geographic Information Systems	Lissa Johnson	16 years of experience BA, Anthropology, University of Idaho BA, Digital Media Studies, University of Denver Graduate Certificate, GIS, University of Denver
Former Geographic Information Systems	Cristina Lopez-Barrios	5 years of experience MA, Geographic Information Science, Saint Mary's University of Minnesota BA, Forestry Engineering, Extremadura University GIS Certification of Completion, San Francisco City College

Project Role	Name, Credential	Qualifications
Geographic Information Systems	Greg Nichols	23 years of experience MA (candidate), Geography, San Diego State University BA, Environmental Studies, California State University, San Bernardino
Geographic Information Systems	Brent Read	16 years of experience MS, Watershed Science, Colorado State University BS, Forestry, Colorado State University
Geographic Information Systems Cultural Resources	Matthew Sisneros	6 years of experience BS, Anthropology, Portland State University GIS Certificate, Portland Community College
Geographic Information Systems	Matt Wood	9 years of experience MS, Geography, Portland State University BS, Environmental Biology/Zoology, Michigan State University, East Lansing
Geographic Information Systems	Jesika Allen	4 years of experience MS, Geographic Information Systems, Florida State University BA, English Literature, University of Florida, Gainesville
Geographic Information Systems	Brittany Buscombe	15 years of experience BA, Environmental Analysis and Design, University of California, Irvine
Geographic Information Systems	Daniel Schiff	15 years of experience BA, Geography, California State University Sacramento
Former Managing Editor	Lawrence B. Goral	25 years of experience
Managing Editor; Lead Editor; References	Christine McCrory	18 years of experience PhD Candidate, Germanic Languages and Literatures, Washington University, St. Louis MPhil, European Literature, Lincoln College, Oxford University BA, Anthropology and German, University of California, Berkeley
Editor; References	Sara Wilson	22 years of experience BA, Classical Languages (Ancient Greek, Latin), University of California, Berkeley
Former Technical Editor	Laura Cooper	25 years of experience BA, Psychology, Reed College
Publications Specialist	Anthony Ha	16 years of experience BA, English, Saint Mary's College of California

Project Role	Name, Credential	Qualifications
References	Barbara Wolf	22 years of experience MA, Anthropology, University of Arizona, Tucson BA, Geography and Anthropology, University of Southern Maine
References	Dennis Johnson	10 years of experience JD, University of Connecticut School of Law BA, English Literature, University of California, Berkeley
References	GraceAnne Lourie	1 year of experience MSc, Sustainability Science and Policy, Maastricht University BA, Ecology and Evolutionary Biology, University of Colorado, Boulder
References	Kristin Gunn	4 years of experience MS, Information Science, Drexel University BS, Business Administration, University of Denver
References	Stephen Unyi	15 years of experience BA, History, University of California, Los Angeles

AS = Associate of Science
 BA = Bachelor of Arts
 BFA = Bachelor of Fine Arts
 BGS = Bachelor of General Studies
 BLA = Bachelor of Landscape Architecture
 BP = Bachelor of Planning
 BS = Bachelor of Science (United States)
 BSc = Bachelor of Science (England)
 BT = Bachelor of Technology
 CEG = Certified Engineering Geologist
 CESSWI = Certified Erosion, Sediment and Stormwater Inspector
 CHG = Certified Hydrogeologist
 CPESC = Certified Professional in Erosion and Sediment Control
 CPSWQ = Certified Professional in Stormwater Quality
 EIT = Engineer in Training
 GE = Geotechnical Engineer
 GIS = Geographic Information Systems
 JD = Juris Doctor
 MA = Master of Arts
 MBA = Master of Business Administration
 MCP = Master of City Planning

MCRP = Master of City and Regional Planning
 ME = Master of Engineering
 MHP = Master of Historic Preservation
 MLA = Master of Landscape Architecture
 MP = Master of Planning
 MPhil = Master of Philosophy
 MS = Master of Science (United States)
 MSc = Master of Science (England, Netherlands)
 MUP = Master of Urban Planning
 MURP = Master of Urban and Regional Planning
 PE = Professional Engineer
 PG = Professional Geologist
 PhD = Doctor of Philosophy
 PLA = Professional Landscape Architect
 PWS = Professional Wetland Scientist
 QISP = Qualified Industrial Stormwater Practitioner
 QSD = Qualified SWPPP Developer
 QSP = Qualified SWPPP Practitioner
 TE = Traffic Engineer
 ToR = Trainer of Record