

## 11 LIST OF PREPARERS

Since publication of the Palmdale to Burbank Project Section Draft Environmental Impact Report/Environmental Impact Statement (EIR/EIS), changes have been made to the California High Speed Rail Authority, including support staff within Rail Delivery Partner and Program Delivery Support, and Regional Consultant lists of participating staff in the table below.

Project Role	Name, Credential, Firm	Qualifications
<b>California High-Speed Rail Authority</b>		
Chief Executive Officer	Brian P. Kelly	24 years of experience B.A., Government-Journalism, California State University at Sacramento
Southern California Regional Director	LaDonna DiCamillo	30 years of experience J.D., University of La Verne, College of Law B.S., Chemistry, Washburn University, Topeka
Former Regional Director	Diana Gomez	25 years of experience B.S., Electrical and Electronic Engineering, California State University at Fresno
Former Regional Director	Michelle Boehm	20 years of experience B.A., History, California State University at Long Beach
Director of Environmental Services	Stefan Galvez-Abadia	35 years of experience B.A., Geography, Texas State University, San Marcos
Former Director of Environmental Services	Serge Stanich	25 years of experience B.A., Environmental Studies, California State University at Sacramento
Former Director of Environmental Services	Mark McLoughlin	33 years of experience B.S., Ornamental Horticulture and Landscape Construction, California Polytechnic State University at San Luis Obispo
NEPA Assignment Manager / Former Acting Director of Environmental Services	Scott Rothenberg	17 years of experience B.A., Environmental Policy, Bowling Green State University
Former Acting Director of Environmental Services	Scott Smith	25 years of experience B.A., Economics, California State University, Fresno
Project Manager	Ravi Mathur, Ph.D., PE	29 years of experience Ph.D., Civil Engineering, University of Arizona
Former NEPA Assignment Manager	Dan McKell	30 years of experience Graduate Certificate, Integrated Freight Systems Management, Melbourne University

Project Role	Name, Credential, Firm	Qualifications
Cultural Resource Program Manager and Technical Reviewer: Parks, Recreation, and Open Space; Cultural Resources; and Section 4(f)/6(f)	Brett Rushing	21 years of experience M.A., Anthropology, San Francisco State University B.A., Anthropology, Louisiana State University
Former Southern California Cultural Resources Lead	Jeff Carr	18 years of experience M.S., Architectural Studies, Iowa State University M.A., Anthropology, Iowa State University B.A., Anthropology, Iowa State University
<b>Rail Delivery Partner</b>		
Deputy Director of Environmental Services	Bryan K. Porter, AICP	31 years of experience M.A., Public Administration, California State University at Sacramento B.A., Political Science, University of California at Berkeley
Former Deputy Director of Environmental Services	Lisa G. Nungesser, Ph.D.	38 years of experience Ph.D., Community and Regional Planning and Geography, University of Texas M.S., Environmental Management, University of Texas at San Antonio B.A., Plan II, University of Texas
Former Federal Environmental Policy Advisor	Eric Beightel	20 years of experience M.A., Public Policy, George Mason University B.A., Environmental Studies, The University of Kansas
Former Federal Environmental Policy Advisor	Manisha Patel	24 years of experience J.D., Georgetown University, Law Center B.A., Political Science and Government, Northwestern University
Former NEPA Assignment Coordinator	Michael Smith, Ph.D.	28 years of experience Ph.D., Sociology, Utah State University M.A., Geography, University of Wyoming B.A., Environmental Studies, University of California at Santa Cruz
Former NEPA Assignment Coordinator	Theresa Dickerson	33 years of experience B.S., Landscape Architecture, California State Polytechnic University, Pomona
Former Director of Projects Project Manager/ Regional Engineer	Rick Simon, PE	38 years of experience B.S., Civil Engineering, Michigan State University

Project Role	Name, Credential, Firm	Qualifications
Former Southern California Director of Projects	Karl Fielding, AICP	9 years of experience M.Pl., Planning in Transportation and Infrastructure, University of Southern California B.A., Environmental Studies, University of Southern California
Former Southern California Director of Projects	Cecily Way	17 years of experience M.S., University of California at Berkeley B.S., Civil Engineering, Massachusetts Institute of Technology
Former Deputy Project Manager	Adrian Alvarez	22 years of experience B.S., Civil and Environmental Engineering, Cornell University
Former Engineering Manager	Wynne Chow	22 years of experience B.S., Civil and Environmental Engineering, University of Illinois at Urbana-Champaign
Former Tunnels and Geotechnical Engineer	Steve Dubnewych	33 years of experience B.S., Mining Engineering, Queen's University at Kingston Diploma of Civil Engineering, Ryerson Polytechnical Institute at Toronto
Former Senior Permitting Specialist	Steve Letterly	39 years of experience, M.S., Urban and Regional Planning, California State Polytechnic University at Pomona B.S., Urban and Regional Planning, California State Polytechnic University at Pomona
Former Project Manager	William Knoetgen, PE	13 years of experience M.B.A., Finance, Real Estate, University of Connecticut at Storrs B.S., Civil Engineering, Syracuse University, New York
Former Project Manager	Juan Carlos Velasquez, PE	26 years of experience B.S., Civil Engineering, California State Polytechnic University at Pomona
Former Environmental Manager	Stephanie Roberts, AICP, ENV SP	22 years of experience M.S., Urban Studies, Cleveland State University
Former Environmental Manager	Kavita Mehta, AICP, LEED AP	22 years of experience M.Pl., Master of Planning (Honors), University of Southern California M.Tech., Planning, Center for Environmental Planning and Technology University B.Tech., Construction Technology, Center for Environmental Planning and Technology University
Former Technical Reviewer: Aesthetics and Visual Quality	Larissa King Rawlins, AICP	20 years of experience B.A., Environmental Planning, Western Washington University

Project Role	Name, Credential, Firm	Qualifications
Former Technical Reviewer: Air Quality and Global Climate Change; Public Utilities and Energy	Alice Lovegrove	32 years of experience M.S., Environmental and Waste Management, Stony Brook University B.S., Engineering Science, Stony Brook University
Former Technical Reviewer: Air Quality and Global Climate Change; Public Utilities and Energy	Edward Tadross	20 years of experience B.A., Environmental Studies, Tulane University B.A., Earth Sciences, Tulane University
Former Senior Permitting and Technical Reviewer: Biological Resources	Ralph Huddleston	31 years of experience M.S., Fishing and Fisheries Sciences and Management B.S., Zoology/Animal Biology, University of Louisville
Former Technical Reviewer: Section 4(f)/6(f), Built Environment	Monte Kim, Ph.D.	16 years of experience Ph.D., History, University of California at Santa Barbara M.A., Public History, California State University at Sacramento B.A., History, University of California at Santa Cruz
Former Cultural Resources Manager, Technical Reviewer: Section 4(f)/6(f) Resources	Meg Scantlebury	18 years of experience M.A., Historic Preservation, Goucher College B.S., Environmental Design, University of California at Davis
Former Technical Reviewer: Environmental Justice and NEPA Assignment Coordinator	David J. Carlson	33 years of experience B.S., Natural Resource Management, University of Massachusetts at Amherst
Former Technical Reviewer: Geology, Soils, and Seismicity	Kelley Kelso	20 years of experience M.S., Geology, University of California at Davis B.S., Geology, University of California at Los Angeles
Former Technical Reviewer: Hazardous Materials and Wastes	Adam Heft, CPG	26 years of experience M.S., Geology, Michigan State University B.S., Geology and Earth Science, Central Michigan University
Former Technical Reviewer: Hydrology and Water Resources	Veronica Seyde	21 years of experience M.S., Environmental Studies, California State University at Fullerton B.A., Biology, University of San Diego
Former Technical Reviewer: Land Use, Agriculture, Socioeconomics, and Regional Growth	Betsy J. Minden, AICP	31 years of experience M.U.P., Urban and Regional Planning, University of Washington B.A., Biology, Smith College

Project Role	Name, Credential, Firm	Qualifications
Former Technical Reviewer: Noise and Vibration	Kevin Keller, AICP	29 years of experience B.A., Geography, California State University at Fullerton
Former Technical Reviewer: Transportation	Don Hubbard, TE, AICP	39 years of experience M.C.P., City Planning, Harvard University B.S., Engineering Science, Northwestern University
Former Finishing Team Manager	Jeff Crisafulli	26 years of experience B.A., English, Virginia Polytechnic Institute and State University
<b>Project Delivery Support</b>		
Assistant Project Manager Environmental	Anne Winslow	11 years of experience M.S., Environmental Studies, Stanford University B.S., Environmental Studies, Stanford University
Program Delivery Support Environmental Manager	Aaron Carter	19 years of experience B.A., Geography, California State University (Fullerton)
Permitting Manager	Sue Meyer	21 years of experience J.D., University of California at Los Angeles, College of Law M.A., Philosophy, University of North Carolina at Chapel Hill B.A., Philosophy and Mathematics, Occidental College
S. California Regional Environmental Manager	Jean Lafontaine	26 years of experience B.A., Environmental Analysis and Design, University of California (Irvine)
Former Assistant Project Manager Environmental	Jennifer J. Lee	18 years of experience M.U.R.P., Urban and Regional Planning, University of California, Irvine B.A., Political Science, University of California, San Diego B.A., Sociology, University of California, San Diego
Assistant Project Manager Engineering	Charles Lee	17 years of experience M.Eng., Geotechnical Engineering, Missouri University of Science and Technology B.S., Civil Engineering, University of South Alabama
Former Assistant Project Manager	Brandon Kluzniak	16 years of experience M.S., Civil & Environmental Engineering (GeoEngineering), University of California, Berkeley B.S., Civil & Environmental Engineering, University of California, Berkeley B.A., Economics, University of California, Santa Cruz
Senior CEQA/NEPA SME	Jerry Flores	24 years of experience B.S., Urban Planning, California Polytechnic State University

Project Role	Name, Credential, Firm	Qualifications
Senior CEQA/NEPA SME	Jessica Fernandes	15 years of experience M, Ed. Cross Cultural Education B.A., Environmental Studies, University of California, Santa Barbara
Senior CEQA/NEPA SME / Section 4(f)	Melissa J. Whittemore	23 years of experience Graduate Certificate, National Environmental Policy Act, Utah State University B.S., Biology with an emphasis in Ecology, San Diego State University
Senior CEQA/NEPA SME	Jeff Thomas	30 years of experience B.S., Ornamental Horticulture, California Polytechnic University, San Luis Obispo
Aesthetics SME	Shannon Ledet	18 years of experience M.Pl., Master of Planning, emphasis in Social and Community Development, University of Southern California B.A., Sociology, Minor in Geography, California State University, Long Beach
Archaeology SME	Kathleen Kubal	18 years of experience M.A., Cultural Resource Management, Sonoma State University
Architectural Historian SME	Chandra Miller	15 years of experience M.A., Public History, California State university, Sacramento B.A., History, Humboldt State University
Air Quality SME	Mary Kaplan	22 years of experience B.S., Meteorology – St. Louis University M.S., Environmental Science, University of Massachusetts (Lowell)
Air Quality SME	Bill Tillar	30 years of experience M.S., Atmospheric Sciences, Air Pollution Meteorology, University of Michigan B.S., Atmospheric Sciences, Creighton University
Air Quality SME	Christopher Warren	15 years of experience M.S., Applied Meteorology, Plymouth State University B.S., Meteorology, Millersville University of Pennsylvania
Air Quality SME	Paola Peña	9 years of experience B.S., Environmental Systems – Environmental Chemistry, University of California, San Diego
Biology SME	Matthew Bettelheim	22 years of experience B.S., Science: Ecology, Behavior, and Evolution, University of California, San Diego

Project Role	Name, Credential, Firm	Qualifications
Environmental Justice SME and Socioeconomics SME	Jaime Guzman	17 years of experience M.A., Urban Planning, University of California, Los Angeles B.S., Biology, Cornell University
Geology SME	Stephen Huang	35 years of experience M.S., Civil Engineering/Geotechnical Engineering, University of California, Berkeley B.S., Civil Engineering, University of Illinois, Urbana-Champaign
Geology SME	Hossein Changani	20 years of experience M.S., Mining Engineering (Rock Mechanics), University of Utah
Geology SME	Anne-Marie Moore	32 years of experience M.S.E., Civil Engineering (Geotechnical), Arizona State University B.S.E., Civil Engineering, Arizona State University
Geology/Tunneling SME	Mike Wongkaew	24 years of experience Ph.D., Civil Engineering, Purdue University M.S., Civil Engineering, Purdue University BSCE, Civil Engineering, Purdue University
Former Geology/Tunneling SME	Paul Roy	35 years of experience M.S., Civil Engineering, Northeastern University B.S., Civil Engineering, Northeastern University
Hazardous Materials SME/ Professional Geologist	Laurie Fernandez, PG	34 years of experience M.S., Geology and Geophysics, University of Hawaii B.A., Geology, University of California, Santa Barbara
Hazardous Materials and Waste SME	Agata A. Sulczyńska, JD	30 years of experience J.D., Environmental Law, Land Use, Public Interest, University of San Francisco School of Law B.A., Social Ecology, University of California (Irvine)
Hydrology and Water Resources SME	Amy Gardner, QISP ToR	21 years of experience MAS, Tropical Marine Ecology/Fisheries Biology, James Cook University B.S., Biology, Ohio University
CERCLA/Hydrogeology SME	Robert O. Devany, PG, CEG, CHG	39 years of experience. BA, Geology, University of California, Santa Barbara
Hydrology SME	Jimmy Medellin	24 years of experience B.S., Environmental Engineering, Massachusetts Institute of Technology
Hydrology SME	Joseph Dluzak	20 years of experience BSCE, Civil Engineering, Loyola Marymount University

Project Role	Name, Credential, Firm	Qualifications
NEPA Assignment Coordinator	Erin Lee, ENV SP	18 years of experience M.S., Oceanography, Texas A&M University B.S., Microbiology, Texas A&M University
NEPA Assignment Coordinator	Anne Ferguson	21 years of experience M.S., Environmental Sustainability, University of Edinburgh B.S., Natural Resource Recreation and Tourism, Colorado State University
NEPA Assignment Coordinator	LeAnn Waletzko, AICP	24 years of experience M.C.R.P., City and Regional Planning, Rutgers University B.S., Land Management, University of Wisconsin
NEPA Assignment Coordinator	Paulette Vander Kamp	28 years of experience B.S., Civil Engineering, Southern Polytechnic State University
NEPA Assignment Coordinator	Mark Cheskey	36 years of experience B.S., Environmental Resource Management, Pennsylvania State University
NEPA Assignment Coordinator	Scott Bressler, AICP	25 years of experience M.U.R.P., Urban and Regional Planning, University of Colorado, Denver B.S., Urban Studies, Metropolitan State University of Denver
NEPA Assignment Coordinator	Valerie Porter	23 years of experience M.B.A., Business Administration, University of Utah B.S., Biology, Westminster College
NEPA Assignment Coordinator	Susan Anderson, AICP	30 years of experience B.S., Geography, Environmental Planning, Radford University
Noise SME	Paul Burge, INCE Board Certified	35 years of experience M.S., Acoustical Engineering, California State University, Long Beach B.S., Mechanical Engineering, California State University, Long Beach
Traffic SME	Nak Kim, PE	24 years of experience B.S., Civil Engineering, Arizona State University
<b>Regional Consultant Environmental Team – Management Team</b>		
Project Manager	Juan Ignacio Lema Rial, PE, SENER	23 years of experience M. Eng., Civil Engineering, Polytechnic University of Madrid M.S., Infrastructure and Utilities Management and Financing, Polytechnic University of Madrid B.S., Civil Engineering, Polytechnic University of Madrid B.A., Economics, National University of Distance Education
Environmental Manager	Scott Steinwert, Circlepoint	35 years of experience Graduate Studies, Ecology, University of Oregon B.A., Biology, California State University at Chico



Project Role	Name, Credential, Firm	Qualifications
Deputy Project Manager and Quality Check/Senior Reviewer	Audrey Zagazeta, Circlepoint	22 years of experience B.S., Environmental Studies, San Jose State University
Environmental Document and Technical Report Coordinator	Leo Mena, Rincon	10 years of experience B.A., Ecology and Evolutionary Biology, Princeton University
Environmental Document and Technical Report Coordinator	Nicole Cuevas Leber, Circlepoint	6 years of experience B.A., Urban Studies, University of California at Irvine
Deputy Project Manager and Senior Engineer	Roberto Rodriguez, P.E., SENER	17 years of experience M.Eng., Civil Engineering, Polytechnic University of Madrid B.S., Civil Engineering, Polytechnic University of Madrid
Quality Manager	Mike Phillips, CQA, CMQ/OE, GCM Consulting	33 years of experience B.S., Urban and Regional Planning, California State Polytechnic University at Pomona
<b>Regional Consultant Environmental Team – Document Preparation and Review</b>		
Quality Check / Senior Reviewer and Subject Matter Expert	Brianna Bohonok, AICP, Circlepoint	9 years of experience M.S., Urban Planning, University of Illinois at Chicago B.S., Architecture, Philadelphia University
Quality Check/Senior Reviewer	Eric Schaad, Rincon Consultants	11 years of experience M.S., Biology, University of New Mexico at Albuquerque B.S., Biology, California State University at Bakersfield
Former Quality Check/Senior Reviewer	Kimberly M. Avila, AICP, ENV SP, ICF	25 years of experience M.A., Economic and Planning Development, Columbia University B.A., Government, Harvard University
Quality Check/Senior Reviewer	Colleen Davis, ERP	22 years of experience M.A., History, California State University, Fullerton B.A., English, University of California, Los Angeles
Quality Check/Senior Reviewer	Megan Jones, Rincon	17 years of experience M.P.P., CSU Monterey Bay B.A., Geography and Environmental Studies, University of Oregon
Quality Check/Senior Reviewer	Susan Davis, ICF	33 years of experience M.A., English Literature, Washington State University B.A., English Literature, Carleton College
Quality Check/Senior Reviewer	Kristi Black, ICF	15 years of experience J.D., University of California, Berkeley, School of Law B.A., Earth Science, San Jose State University

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Quality Check/Senior Reviewer	Wendy Worthey, Rincon	28 years of experience M.S., Biological/Life Sciences, University of Louisville B.S., Conservation/Natural Resources, Southwest Missouri State University
Quality Check/Senior Reviewer	Trevor Wimmer, LSA	7 years of experience B.A., Geography/Natural Resources & Environmental Policy, San Diego State University
Quality Check/Senior Reviewer	Amanda Durgan, LSA	16 years of experience B.S., Biological Sciences, University of California, Santa Barbara
Principal Planner	Susan Harden, Circlepoint	26 years of experience M.A., Environmental Planning, Arizona State University B.A., Environmental Studies, B.A., Architectural Studies, University of Kansas
Senior Engineer	Alvaro Relaño, PE, SENER	34 years of experience M. Eng., Civil Engineering, Polytechnic University of Madrid B.S., Civil Engineering, Polytechnic University of Madrid
Structural Engineer	Ignacio Laquidain, PE, SENER	10 years of experience M Eng., Civil Engineering, Polytechnic University of Madrid B.S., Civil Engineering, Polytechnic University of Madrid
Track Engineer	Dalia Cordoba, SENER	20 years of experience M. Eng., Civil Engineering, Florida International University B. S., Civil Engineering, EAFIT University, Medellin
Structural Engineer	Andres Molina Escudero, SENER	14 years of experience M.Sc., Civil Engineering, Polytechnic University of Valencia B.S., Civil Engineering, Polytechnic University of Valencia
Structural Engineer	Kelly Burnell, PE, Kleinfelder	19 years of experience M.S., Structural Engineering, University of California, San Diego B.S., Civil and Environmental Engineering, Stanford University
Tunneling Ventilation Engineer	Peter Reinke, Ph.D. HBI Haerter Int. GmbH	26 years of experience Ph.D., Swiss Federal Technical Institute of Technology M.S., Mechanical Engineering, Technical University of Braunschweig
GIS Lead	Megan Gosch, GISP, Geografika	22 years of experience M.S., Geographic Information Science and Technology, University of Southern California B.A., Geography and Planning, California State University at Chico
Quality Check/Finishing Team Review	Kathryn Zamora, Scout	2 years of experience B.A., Journalism, University of Colorado Boulder

Project Role	Name, Credential, Firm	Qualifications
Document Preparation	Kari McCollum, Scout	4 years of experience B.A., Environmental Sustainability, San Diego State University
Document Preparation	Evan Reider, Scout	1 year of experience B.S., Environmental Science and Management, University of California, Davis
EIR/EIS Co-Author and Subject Matter Expert	Andrew Metzger, Circlepoint	7 years of experience B.S., Environmental Science, Santa Clara University
EIR/EIS Co-Author	Arun Bird, Circlepoint	4 years of experience M.E.S.M., Environmental Science and Management, University of California at Santa Barbara B.S., Biology, University of California at Santa Barbara
EIR/EIS Co-Author	Bailey Warren, Circlepoint	2 years of experience M.A., International Environmental Policy, Middlebury Institute of International Studies at Monterey B.A., Biology, California State University Monterey Bay
EIR/EIS Co-Author	Clementine Powell, Circlepoint	3 years of experience B.A., Environmental Studies, University of California at Santa Barbara
EIR/EIS Co-Author	Danielle Keith, Circlepoint	4 years of experience M.S., Environmental Studies, California State University, Fullerton B.A., Political Science, Moravian College
EIR/EIS Co-Author	Janet Kung, Circlepoint	2 years of experience M.A., International Environmental Policy, Middlebury Institute of International Studies at Monterey B.A., English Literature, Indiana University of Pennsylvania
EIR/EIS Co-Author	Juliet Martin, Circlepoint	6 years of experience B.S., Environmental Policy, Analysis, and Planning, University of California at Davis B.A., Communications, University of California at Davis
EIR/EIS Co-Author	Justine Garner, Circlepoint	4 years of experience B.A., Environmental Studies, California State University of Chico
EIR/EIS Co-Author	Krysten McCue, Circlepoint	4 years of experience B.S., Environmental Economics and Policy, University of California at Berkeley
EIR/EIS Co-Author	Rose Redlich, Circlepoint	2 years of experience M.A., Public Administration, San Jose State University B.A., Clinical Psychology, San Jose State University
EIR/EIS Co-Author	Cristina Lefemine, Circlepoint	1 year of experience B.S., Earth Science, University of California at Santa Barbara

Project Role	Name, Credential, Firm	Qualifications
<b>Aesthetics and Visual Resources</b>		
Photo Simulations	Angela Lin, Square One	18 years of experience B.A., Wesleyan University
<b>Station Planning, Land Use, and Development</b>		
Principal Planner	Woodie Tescher, Placeworks	45 years of experience M.A., Architecture, University of California at Los Angeles B.A., Architecture, University of California at Los Angeles
<b>Transportation</b>		
Principal Planner	Tim Erney, AICP, PTP, CTP, Kittelson & Associates, Inc.	21 years of experience M.S., Transportation Engineering, University of California at Berkeley M.C.P., City Planning, University of California at Berkeley B.S., Mechanical Engineering, Boston University
Urban Planner	Darryl DePencie, AICP, GISP, Kittelson & Associates, Inc.	11 years of experience M.S., Urban Spatial Analytics, University of Pennsylvania B.A., Geography, Carleton University
Senior Engineer	Aaron Elias, TE, Kittelson & Associates, Inc.	11 years of experience M.S., Civil Engineering, University of Florida B.S., Civil Engineering, University of Florida
Senior Engineer	Neelam Dorman, TE, Kittelson & Associates, Inc.	9 years of experience M.S., Civil Engineering, University of California at Irvine B.S., Civil Engineering, University of California at Irvine
Analyst	Caitlin Shankle, Kittelson & Associates, Inc.	5 years of experience M.S., Urban Planning, University of Southern California B.A., Public Policy, St. Mary's College of Maryland
Engineer	Benazir Portal, PE, Kittelson & Associates, Inc.	7 years of experience M.S., Civil Engineering, Florida Atlantic University B.S., Civil Engineering, Florida Atlantic University A.A., Civil Engineering, Palm Beach Community College
Support Staff	Miao Gao, Kittelson & Associates, Inc.	5 years of experience M.S., Civil Engineering, University of Nebraska at Lincoln B.S., GIS, Wuhan University
Transportation Analyst	Ribeka Toda, EIT, Kittelson & Associates, Inc.	3 years of experience M.S., Urban and Regional Planning, University of California at Los Angeles B.S., Civil Engineering, University of California at Los Angeles

Project Role	Name, Credential, Firm	Qualifications
<b>Air Quality and Global Climate Change</b>		
Senior Air Quality/Climate Change Specialist	Terrance Wong, ICF	16 years of experience M.A., Environmental Science, University of Southern California B.S., Biology, University of California at Los Angeles
Senior Air Quality/Climate Change Specialist	Keith Lay, ICF	23 years of experience B.S., Civil Engineering, University of Manitoba, Canada
Senior Air Quality/Climate Change Specialist	Matthew McFalls, ICF	14 years of experience M.S., Geography and Watershed Science, San Diego State University B.A., Public Administration and Urban Studies, San Diego State University
Air Quality/Climate Change Specialist	Blake Barroso, ICF	6 years of experience M.S., Civil Engineering, University of Washington B.S., Environmental Science, California Lutheran University
Air Quality/Climate Change Specialist	Darrin Trageser, ICF	7 years of experience M.S., Atmospheric Sciences, University of California at Davis B.S., Atmospheric Sciences, University of Washington
Air Quality/Climate Change Specialist	Laura Yoon, ICF	12 years of experience M.S., Environmental Management, University of San Francisco B.A., Environmental Studies, University of Washington
Technical Specialist	Seth Hartley, ICF	16 years of experience M.S., Atmospheric Sciences, University of Washington B.S., Physics, North Carolina State University
<b>Cultural Resources</b>		
Principal Planner	Anthony DeJulio, ICF	27 years of experience B.S., Environmental Sciences, University of California at Riverside
Senior Architectural Historian	Jessica Feldman, ICF	21 years of experience M.A., Historic Preservation Planning, City and Regional Planning, Cornell University B.A., History, William Smith College
Architectural Historian	Andrew Bursan, ICF	12 years of experience M.C.R.P., City and Regional Planning, California Polytechnic State University at San Luis Obispo B.A., History, University of California at Los Angeles

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Architectural Historian	Elizabeth Hilton, ICF	12 years of experience M.S., Historic Preservation, School of the Art Institute of Chicago B.A., Historic Preservation and Community Planning, Art History, College of Charleston
Architectural Historian	Salli Hosseini, ICF	8 years of experience M.A., Historic Preservation, Savannah College of Art and Design B.A., Urban Studies and Planning, California State University at Northridge B.A., Architecture, Boston Architectural College
Senior Archaeologist	Karen Crawford, RPA, ICF	21 years of experience M.A., Anthropology, University of California at Davis B.A., Anthropology, California State University at Long Beach
Senior Archaeologist	Karolina Chmiel, ICF	10 years of experience GIS Certificate from Mesa College M.A., Anthropology, Northern Arizona State University B.S., Anthropology, Loyola University
Senior Archaeologist	Katherine Crosmer, ICF	6 years of experience M.A., Cultural Heritage and Preservation Studies, Rutgers University B.A., Archaeology, Lycoming College B.A., Art History, Lycoming College
Senior Archaeologist	Nara Cox, ICF	9 years of experience B.A., Anthropology, San Diego State University
Senior Archaeologist	Patrick McGinnis, RPA, ICF	21 years of experience M.A., Anthropology, University of California at San Diego B.A., Anthropology, San Diego State University
Senior Archaeologist	Tait Elder, RPA, ICF	13 years of experience M.A., Anthropology, Portland State University B.A., Anthropology, Western Washington University
Senior Architectural Historian	Richard Starzak, ICF	36 years of experience M.A., Architecture: History, Criticism and Analysis, University of California at Los Angeles B.S., Biology, Brown University
Senior Historian	Timothy Yates, Ph.D., ICF	10 years of experience Ph.D., History, University of California at Davis M.A., American Studies, California State University at Fullerton B.A., History, University of California at Santa Cruz

Project Role	Name, Credential, Firm	Qualifications
Research/Writer	Katrina Castaneda, ICF	4 years of experience M.Pl., Planning, University of Southern California M.H.C., Heritage Conservation, University of Southern California B.A., International Studies, University of California at Irvine
Researcher/Writer	Rebecca McGovern, ICF	2 years of experience B.A., Historic Preservation, University of Mary Washington
GIS Specialist	Michael Shane Sparks, ICF	17 years of experience M.A., Anthropology, Western Washington University B.A., Religious-Historical Studies, Hardin-Simmons University
<b>Biological and Aquatic Resources</b>		
Quality Check/Senior Reviewer	Jennifer M. Turner, Rincon Consultants	23 years of experience M.S., Natural Resources: Wildlife, Humboldt State University B.S., Biology, Baldwin-Wallace College
Principal Planner	Joel Butterworth, ICF	29 years of experience M.S., Geography, Oregon State University B.A., Geography, University of California at Santa Barbara
Senior Biologist	Megan Jameson, ICF	14 years of experience M.S., Environmental Studies, California State University at Fullerton B.S., Conservation and Natural Resources, University of California at Berkeley
Principal Biologist	Bobby Tuttle, ICF	25 years of overall aquatic resource ecology experience M.S., Aquatic Ecology, Texas State University at San Marcos B.A., Urban and Regional Planning, Texas State University at San Marcos
Senior Biologist	Colby J. Boggs, Rincon Consultants	23 years of experience M.S., Botany, California State University at Chico B.S., Ecology and Evolution, University of California, Santa Barbara
Senior Biologist	Brad Schafer	27 years of experience B.S., Biology, Western Illinois University
Primary Author	Kamber McAllister, ICF	13 years of experience B.S., Environmental Geography, California State Polytechnic University at Pomona
Primary Author	Will Kohn, ICF	24 years of experience B.S., Zoology, Humboldt State University
Co-Author	Brett Bowen, ICF	7 years of experience B.S., Environmental Resource Management, Pennsylvania State University

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Co-Author	Courtney Casey, ICF	3 years of experience B.S., Environmental Management and Protection, California Polytechnic State University at San Luis Obispo
Co-Author	Lance Woolley, ICF	13 years of experience B.S., California State Polytechnic University at Pomona
Co-Author	Mark Stamey, ICF	16 years of experience M.M.S., Management Studies, University of Washington B.A., Community and Environmental Planning, University of Washington
Co-Author	Meris Guerro, ICF	8 years of experience M.S., Natural Resources and Environmental Management, University of Hawaii at Manoa B.S., Environmental Systems, University of California at San Diego
Co-Author	Rebecca Payne, ICF	15 years of experience B.S., Environmental Biology and Management, University of California at Davis
Co-Author	Ryan Layden, ICF	6 years of experience B.A., Environmental Studies, California State University at San Marcos
Co-Author	Stephanie Gasca, ICF	16 years of experience M.A., Environmental Studies, University of Southern California B.A., Biological Sciences, University of Southern California
Technical Editor	Elizabeth Irvin, ICF	18 years of experience B.A., English, University of California at Irvine
Field Surveyor	Doug Gordon-Blackwood, ICF	8 years of experience B.S., Botany, California State Polytechnic University at Pomona
Field Surveyor	Glen Kinoshita, ICF	19 years of experience M.S., Biology/Plant Ecology, San Diego State University B.S., Botany/Plant Biology, California State Polytechnic University at Pomona B.S., Geology, California State Polytechnic University at Pomona
Field Surveyor	James Hickman, ICF	13 years of experience B.A., Environmental Sciences/Geography, California State University at San Bernardino
Field Surveyor	Jeannine Lubeshkoff, ICF	21 years of experience B.S., Ecology and Systematic Biology, California Polytechnic State University at San Luis Obispo



Project Role	Name, Credential, Firm	Qualifications
Field Surveyor	Kipp Marzullo, ICF	16 years of experience M.S., Environmental Science, University of Nevada at Reno B.S., Natural Resource Planning and Interpretation, Humboldt State University A.A., Art, Long Beach City College
Field Surveyor	Manna Warburton, Ph.D., ICF	18 years of experience Ph.D., Zoology, University of Otago B.S., Biology, San Diego State University
Field Surveyor	Paul Schwartz, ICF	16 years of experience B.A., Biology, Idaho State University
Field Surveyor	Phil Richards, ICF	13 years of experience B.A., Biological Sciences, California State University at Fullerton
Field Surveyor	Shawn Johnston, ICF	17 years of experience B.S., Biology, San Diego State University
GIS Specialist	Brent Reed, ICF	16 years of experience M.S., Watershed Science with GIS focus, Colorado State University B.S., Forestry, Colorado State University
GIS Specialist	Jason Thoene, ICF	17 years of experience M.S., GIS, University of Denver B.A., Geology, University of Montana
GIS Specialist	Teal Zeisler, ICF	11 years of experience B.A., Environmental Studies, Bucknell University
Habitat Conservation Plan Specialist	Pat Atchison, ICF	26 years of experience M.A., Geography, San Diego State University B.S., Soil and Water Science, University of California at Davis
Habitat Conservation Plan Specialist	Scott Fleury, Ph.D., ICF	26 years of experience Ph.D., Ecology, Evolution, and Conservation, University of Nevada at Reno M.A., Biogeography, San Diego State University B.A., Biology, University of California, San Diego
Wetland Specialist	Lanika Cervantes, ICF	8 years of experience M.S., Biological Sciences, California State University at San Marcos B.S., Biological Sciences, California State University at San Marcos

Project Role	Name, Credential, Firm	Qualifications
<b>Wildlife Corridor Assessment</b>		
Co-Author	Arthur Homrighausen, LSA	36 years of experience M.S., Environmental Studies, California State University at Fullerton B.S., Biology, University of California at Irvine
Co-Author	Grant Wilson, AICP, LSA	29 years of experience M.C.R.P., City and Regional Planning, University of Oklahoma at Norman B.A., Communications, University of Oklahoma at Norman
Co-Author	John Ko, LSA	26 years of experience B.S., Natural Resources Planning, Humboldt State University
Co-Author	Justin Roos, LSA	14 years of experience B.S., Geography, California Polytechnic State University at San Luis Obispo
<b>Noise and Vibration</b>		
Principal Acoustical Consultant	David Towers, PE, Cross-Spectrum Acoustics, Inc.	43 years of experience M.S., Mechanical Engineering/Acoustics, Purdue University B.S., Mechanical Engineering, Columbia University
Acoustical Consultant	Joelle Suits, Cross-Spectrum Acoustics, Inc.	3 years of experience M.S., Mechanical Engineering, University of Texas at Austin B.S., Mechanical Engineering, University of Colorado at Colorado Springs
Acoustical Consultant	Lance Meister, Cross-Spectrum Acoustics, Inc.	23 years of experience B.S., Civil Engineering, Temple University
Acoustical Consultant	Scott Edwards, Cross-Spectrum Acoustics, Inc.	9 years of experience B.S., Acoustical Engineering, University of Hartford
<b>Public Utilities and Energy</b>		
Water Supply Expert	Katrina Sukola, ICF	19 years of experience M.Sc., Chemistry, University of Manitoba B.Sc., Environmental Chemistry, University of Waterloo
Senior Engineer	Carline Di Mario, SENER	16 years of experience B.A., Civil Engineering, Universidad Tecnológica de La Habana, Havana Cuba
<b>Socioeconomics and Environmental Justice</b>		
Principal in Charge	Steve Noack, AICP, Placeworks	36 years of experience M.S., Urban and Regional Planning, San Jose State University B.S., Urban and Regional Government, Willamette University

Project Role	Name, Credential, Firm	Qualifications
Project Manager	Ryan Potter, AICP, Placeworks	9 years of experience M.S., Urban and Regional Planning, University of California at Irvine B.S., City and Regional Planning, California Polytechnic State University at San Luis Obispo
Principal Planner	B.J. Swanner, Epic Land Solutions, Inc.	10 years of experience B.A., Geography, University of California at Los Angeles
GIS Analyst	Mark Kenegos, Placeworks	5 years of experience M.U.R.P., Urban and Regional Planning, University of California at Los Angeles B.A., Economics/Environmental Studies and Planning, Sonoma State University
<b>Relocation Impact Report</b>		
Primary Author	B.J. Swanner, Epic Land Solutions, Inc.	10 years of experience B.A., Geography, University of California at Los Angeles
Contributing Author	Jesse Ortiz, R/W-RAC, Epic Land Solutions, Inc.	10 years of experience Graduate Studies, California Polytechnic State University at Pomona
Contributing Author	Kwan Luu, Epic Land Solutions, Inc.	6 years of experience B.A., Geography, University of California at Los Angeles
Senior GIS Analyst	Kelsey Kaszas, Epic Land Solutions, Inc.	5 years of experience B.A., Geography and Environmental Sciences, University of California at Los Angeles
Technical Reviewer	Ron Wicks, PMP, S.R/W.A, R/W-RAC, R/W-NAC, Epic Land Solutions, Inc.	31 years of experience B.S., Philosophy, Dallas Baptist University
<b>Economic Impact Report</b>		
Principal Analyst	Larry J. Kosmont, CRE®, Kosmont Companies	41 years of experience M.S., Public Administration, University of Southern California B.A., Political Science, State University of New York at Binghamton
Principal Analyst	Ken K. Hira, Kosmont Companies	26 years of experience B.S., Economics and Business, University of California at Los Angeles
Senior Analyst	Joseph Dieguez, Kosmont Companies	11 years of experience B.S., Mechanical Engineering, Massachusetts Institute of Technology
<b>Hydrology and Water Resources; Geology, Soils, and Seismicity; Hazardous Materials and Wastes</b>		
Senior Engineer	Eduardo Velasco, SENER	32 years of experience M.S., Civil Engineering, Polytechnic University of Madrid B.S., Civil Engineering, Polytechnic University of Madrid

Project Role	Name, Credential, Firm	Qualifications
Senior Engineer	Houman Makarechi, Kleinfelder	26 years of experience M.S., Civil/Geotechnical/Earthquake Engineering B.S., Civil Engineering, University of California at Los Angeles
Senior Engineer	Paul Guptill, Kleinfelder	49 years of experience B.S., Geology, University of California at Santa Barbara
Senior Engineer	Robert Lemmer, Kleinfelder	34 years of experience M.S., Geology, University of Memphis, Tennessee B.S., Geology, University of Memphis, Tennessee
Senior Engineer	Cecilia Rechea, Ph.D., SENER	25 years of experience Ph.D., Civil and Environmental Engineering, Northwestern University M.Eng., Civil Engineering, Polytechnic University of Valencia B.S., Civil Engineering, Polytechnic University of Valencia
Task Manager	Robert Motschall, Ph.D., Kleinfelder	31 years of experience Ph.D., Environmental Science, University of Wisconsin at Madison M.S., Watershed Management-Natural Resources, University of Arizona B.S., Agriculture, University of Arizona
Technical Lead	Travis Meier, Kleinfelder	15 years of experience M.S., Environmental Sciences, University of California at San Bernardino B.S., Environmental Science, University of Redlands
Analyst	Ashley L. Smith, Kleinfelder	10 years of experience M.S., Watershed Science and Management, University of Massachusetts at Amherst B.A., Geology and Environmental Science/Policy, Smith College
Analyst	Cale Wharry, Kleinfelder	5 years of experience B.A., Ecology and Evolutionary Biology, Environmental Studies, University of Colorado
Analyst	Elyssa Figari, Kleinfelder	8 years of experience M.A., Anthropology, San Diego State University B.A., Archaeology, Willamette University
Analyst	Emily Pacholski, Kleinfelder	3 years of experience B.A., Environmental Studies, University of San Diego
Analyst	Jake Lippman, Kleinfelder	7 years of experience M.A., Climate and Society, Columbia University B.S., Geology, University of California at Davis

Project Role	Name, Credential, Firm	Qualifications
Analyst	Margie Carroll, Kleinfelder	19 years of experience B.A., Environmental Studies/Geography, University of California at Los Angeles
GIS Analyst	Karin Hagan, Kleinfelder	10 years of experience M.S., GIS, Pennsylvania State University M.S., Geology and Hydrogeology, California State University at Bakersfield B.S., Geology, California State University at Bakersfield
GIS Analyst	Luke Moussa, Kleinfelder	6 years of experience M.S., GIS Technology, University of Arizona B.A., Social Sciences, University of Arizona
GIS Analyst	Rachel Alvarez, Kleinfelder	17 years of experience M.S., Geology, University of California at Riverside B.S., Geology, University of California at Riverside
Quality Assurance/Quality Control	Chuck Cleeves, Kleinfelder	21 years of experience B.S., Oceanography, Humboldt State University
Quality Assurance/Quality Control	Liz Velz Simmons, PG, Kleinfelder	34 years of experience Graduate Studies, Petroleum Geology and Geophysics, California State University at Long Beach B.S., Geology, Brigham Young University
<b>Electromagnetic Fields and Electromagnetic Interference</b>		
Principal Planner	Matthew Sneddon, Vibro-Acoustic Consultants	33 years of experience B.S., Physics, University of California at Santa Barbara
Professional Engineer	Ahmad Bayat, Vibro-Acoustic Consultants	38 years of experience M.S., Civil Engineering (Structural Dynamics), University of Houston B.S., Civil Engineering, University of Houston
<b>Paleontological Resources</b>		
Principal in Charge	Geraldine Aron, Paleo Solutions, Inc.	19 years of experience M.S., Geological Sciences, California State University at Long Beach B.S., Geological Sciences, California State University at Long Beach
Senior Analyst	Courtney Richards, Paleo Solutions, Inc.	13 years of experience M.S., Biological Sciences, Marshall University B.S., Earth and Space Science, University of Washington
Analyst	Kate Zubin-Stathopoulos, Paleo Solutions, Inc.	10 years of experience M.S., Geoscience, University of Calgary B.S., Geology, St. Lawrence University

Project Role	Name, Credential, Firm	Qualifications
<b>Public Outreach</b>		
Public Outreach	Mary McCormick, MBI Consulting, LLC	45 years of experience B.A., Radio and Television Management, Eastern Washington University
Public Outreach	Genoveva Arellano, Arellano Associates	34 years of experience M.P.P., John F. Kennedy School of Government, Harvard University B.S., Public Administration, University of Southern California
Public Outreach	Matthew Maldonado, MBI Consulting, LLC	22 years of experience B.S., Business Administration, California State Polytechnic University, Pomona
Public Outreach	Laura Hernandez, Arellano Associates	7 years of experience B.A., Business Management, University of Cundinamarca
Public Outreach	Elisabeth Rosenson, Arellano Associates	20 years of experience Master of Strategic Public Relations, University of Southern California B.S., Foreign Service, Georgetown University

AICP = American Institute of Certified Planners  
 B.A. = Bachelor of Arts  
 B.S. = Bachelor of Science  
 BSCE = Bachelor of Science in Civil Engineering  
 CEQA = California Environmental Quality Act  
 CMQ/OE = Certified Manager of Quality/Organizational Excellence  
 CPG = Certified Professional Geologist  
 CQA = Certified Quality Auditor  
 CRE® = Certified Reliability Engineer  
 EIR/EIS = Environmental Impact Report/Environmental Impact Statement  
 EIT = Engineer in Training Certification  
 ENV SP = Envision Sustainability Professional  
 GIS = Geographic Information Systems  
 GISP = Certified Geographic Information Systems Professional  
 ICF = International Inc.  
 INCE = Institute of Noise Control Engineering  
 J.D. = Juris Doctor  
 LEED AP = Leadership in Energy and Environmental Design Accredited Professional  
 LSA = LSA Associates, Inc.  
 M.A. = Master of Arts  
 MAS = Master of Applied Science  
 M.B.A. = Master of Business Administration  
 M.C.P. = Master of City Planning  
 M.C.R.P. = Master of City and Regional Planning  
 M.Eng. = Master of Engineering  
 M.E.S.M. = Master of Environmental Science and Management  
 M.H.C. = Master of Heritage Conservation  
 M.M.S. = Master of Management Studies  
 M.P.P. = Master of Public Policy

M.Pl. = Master of Planning  
 M.S. = Master of Science  
 M.Sc.=Master of Science  
 M.U.P. = Master of Urban Planning  
 M.U.R.P. = Master of Urban and Regional Planning  
 NEPA = National Environmental Policy Act  
 PE = Professional Engineer  
 PG = Professional Geologist  
 Ph.D. = Doctor of Philosophy  
 PMP = Certified Project Management Professional  
 QISP = Qualified Industrial Storm Water Practitioner  
 RPA = Registered Professional Archaeologist  
 R/W-NAC = Right of Way Negotiation & Acquisition Certification  
 R/W-RAC = Right-of-Way Relocation Assistance Certification  
 SE = Structural Engineer  
 SME = Subject Matter Expert  
 S.R./W.A. = Senior Right-of-Way Professional  
 TE = Traffic Engineer  
 ToR = Trainer of Record