

A black and white photograph of a rugged mountain range with snow patches, serving as a background for the upper half of the page.

STATEMENT OF QUALIFICATIONS

Geode Environmental is a woman-owned, DBE, SBE, WBE-certified consulting firm specializing in environmental and urban planning. Working on both domestic and international projects, the Geode team is an integrative group of specialists—environmental planners, cultural specialists, biologists, data analysts, renewable energy specialists—providing our partners and clients with expert environmental and regulatory solutions.

CERTIFICATIONS

DBE | CUCP #45318

SB | DGS #2011633

CBE | LA COUNTY #089135

WBE | CPUC #19000935

CLIENT SERVICES |

OUR INTEGRATIVE TEAM PROVIDES INNOVATIVE REGULATORY SOLUTIONS FOR INTERNATIONAL, FEDERAL, AND STATE ENVIRONMENTAL COMPLIANCE.

MARKETS

Biological Resources
Community Development
Cultural Resources
Energy
Environmental & Urban Planning
Land Management
Policy
Renewable Energy & Energy Efficiency
Transportation
Water

ENVIRONMENTAL & URBAN PLANNING

Regional and General Plans
Planned Growth and Sustainable Development
Business Models for Sustainable Development
Natural Resource Planning
Resilience Strategy and Planning
Climate Action Plans
Strategic Planning

POLICY

Environmental and Urban Policy
Supply Chain Evaluation
Carbon Reduction Advising
Renewable Energy Advising
Policy Research and Design
Participatory Project Development

CLIENT SUPPORT

Regulatory Assistance
RCRA and CERCLA Case Management
SWRCB Cleanup and Abatement Order
Resolution

FEDERAL & STATE ENVIRONMENTAL COMPLIANCE

California Environmental Quality Act (CEQA)
National Environmental Policy Act (NEPA)
Liaising with Agencies for Regulatory Compliance

TECHNICAL STUDIES

Biological Reports & Surveys
Community Impact Assessments
Cultural Resource Reports and Tribal Consultation
Economic Cost-Benefit Analysis
Engineering Reports: Air, Noise, Hazardous Waste, Geotechnical, etc.
Environmental and Social Impact Assessments
Feasibility Studies
Focused Surveys for State and Federally Protected Species
Renewable Energy and Energy Efficiency Market Assessments
Vegetation Mapping
Visual Impact Assessments
Vulnerable population assessments
Water Pollution Control Program (WPCP)
Wetland Delineation Report

REGULATORY PERMITTING & COMPLIANCE MONITORING

Permitting for State Water Resources and Waters of the US
Section 404 Permitting, USACE
Section 1600 Permit, CDFW
Section 401 Permit, Water Quality Certification, RWQCB
NPDES Permit Compliance Monitoring

PEER REVIEW & QUALITY ASSURANCE

Expert CEQA and NEPA Document Peer Reviews
Quality Assurance and Quality Control (QA/QC)
Policy Sufficiency Reviews
Monitoring and Evaluation

PROJECT EXPERIENCE |

CEQA & NEPA | INDUSTRIAL & TRANSPORTATION

DTSC SUPPLEMENTAL EIR | RCRA PERMIT | IMPERIAL COUNTY, CA

Geōde served as prime consultant, directing staff, subconsultants, and CEQA attorney, in coordination with DTSC and client to deliver Supplemental EIR and technical studies (air, biological resources, cultural resources, energy, geology, hydrology, noise and vibration, paleontological resources, & traffic) for industrial hazardous waste site. Project tasks included coordinating with regulatory agencies (CDFW) on the project's permits and outreach, ensuring ADA compliance of documents and delivering on schedule and under budget.

DOMINGUEZ BIKE PATH PHASE I & II CEQA & PERMITTING | CARSON, CA

Geōde is currently serving as the CEQA consultant for both projects, providing the coordination of technical investigations, project management and permit coordination, in consultation with the City. Geōde combined the scope of both of these projects to streamline environmental efforts and save the City and permitting-agencies resources. Geōde is assisting the City of Carson with its draft environmental document, including applications for 401, 404 & 1602 permits through USACE, CDFW and RWQCB.

HIGH SPEED RAIL EIR | PALMDALE TO BURBANK SECTION, CA

Principal CEQA/NEPA policy sufficiency peer reviewer for Project EIR and supporting environmental technical studies. Coordinating with environmental specialists and Rail Development Partner to conduct technical peer review against industry standards, and the California High Speed Rail Commission's Environmental Methodology Guidelines.

CEQA & NEPA | INDUSTRIAL & TRANSPORTATION

CITY OF CARSON-DOMINGUEZ BIKE PATH PROJECT | LA COUNTY, CA

Geōde is assisting the City of Carson draft the CEQA IS/MND for the 1.13-mile long, 12-bicycle path along the eastern embankment of the Dominguez Channel within the right-of-way of the Los Angeles County Flood Control District north along Avalon Boulevard then west along MLK Jr. Street. Geōde delivered a Biological Resources Report, a Phase I Cultural Resources Assessment and all environmental permits with the RWQCB, CDFW, and USACE.

I-10 CORRIDOR PROJECT EIR/EIS | LA & SAN BERNARDINO COUNTIES, CA

Environmental Project Manager for SBCTA managing consultant team and Caltrans on the 33-mile I-10 Corridor Project incorporating express-/toll-lanes. Managing schedule, peer reviews of reports, EIR/EIS, and public outreach for community impacts of express-/toll-lanes. Coordinating Section 7 Consultation with USFWS for federally listed endangered species.

I-15 EXPRESS LANES EIR/EIS | SAN BERNARDINO COUNTY, CA

Environmental document lead on behalf of SBCTA, for the 14-mile I-15 Corridor Project incorporating express-/toll-lanes. Coordinating with Caltrans, SBCTA, and the consultant team, directing environmental strategy, conducting document peer reviews, and participating in community outreach efforts; also coordinating Section 7 Consultation with USFWS for federally listed endangered species.

SR-210 MIXED FLOW LANE EIR | SAN BERNARDINO COUNTY, CA

Environmental lead at Project Development Team meetings, providing strategic environmental guidance and peer reviews for all environmental studies and documents. Representing SBCTA with Caltrans in permitting efforts with USACE.

CEQA & NEPA | PRIVATE DEVELOPMENT

HCD NEPA EA | SIERRA MANOR LOW INCOME HOUSING PROJECTS | MAMMOTH, CA

Geōde drafted the NEPA Environmental Assessment/Finding of No Significant Impact (EA/FONSI) for the California Department of Housing and Community Development (HCD), in coordination with Town of Mammoth Lakes, Mammoth Lakes Housing, SHPO and the Eastern Info Center. This 100% affordable housing project entailed evaluating the impacts of re-purposing two commercial buildings to low-income apartments, to families earning below 80% of the Area Median Income.

NANOFARMS | INYO COUNTY, CA

Geōde is leading environmental compliance on this large-scale 160-acre industrial agriculture development project in Inyo County. Geōde is ensuring compliance with CDFW's 1602 permit, County's land use permit, building permit, and environmental health requirements. Most critically, Geōde is assisting the client uphold the federal Endangered Species Act, ensuring the Desert tortoise is protected with the installation of Desert tortoise exclusion fencing at the perimeter of the site. The spectrum of CEQA-related avoidance measures implemented by Geōde range from environmental permitting; water quality protection; protocol-level biological surveys for state and federally listed species; and training client staff on environmental mitigation measures.

MOHAVE GROUND SQUIRREL SURVEYS | LAKE OLANCHA RESORT

Geōde assisted client in drafting cost-benefit analysis for California Endangered Species Act (CESA) compliance for the Mohave ground squirrel. Geōde coordinated with numerous mitigation banks and CDFW.

RANCHOLAHABRA EIR | CALATLANTIC HOMES | LA HABRA, CA

Managing and co-authoring project EIR for residential community linking trails and open space areas, public community center and park, and approximately 2.7 acres of retail space. Coordinating with City staff, public services, specialists (air, noise, hazardous waste, traffic, and geotechnical), and researching demographic data analyzing environmental impacts of the residential development.

REGULATORY COMPLIANCE & TECHNICAL REPORTS

REVEGETATION AND SAND & DUST MITIGATION PLANS | ECOS SOLAR | OLANCHA, CA

Geōde drafted the 40-acre solar facility's Revegetation Plan and their Sand & Dust Mitigation Plan, coordinating with the California Department of Fish & Wildlife, Great Basin Unified Air Pollution Control District, and Inyo County on jurisdictional regulations. Geōde advised the client on measures and protocols to bring the facility into compliance with the California Endangered Species Act for the state listed Mohave ground squirrel and the County's development permit.

CLEANUP & ABATEMENT ORDER | RIVERSIDE & LOS ANGELES, CA

Geōde, serving as the client's representative, built the environmental team of lawyers and remediation experts seeking compliance with the Santa Ana Regional Water Quality Control Board's Cleanup and Abatement Order (CAO), due to a Leaking Underground Storage Tank (LUST). Geōde, working with water quality and hazardous waste specialists, drafted a resolution and remediation strategy to dismiss litigation brought against the client.

WEED MANAGEMENT PLAN | MARINE CORPS | BRIDGEPORT, CA

Geōde oversaw and drafted the Weed Management & Abatement Plan for the Marine Corps Mountain Warfare Training Center in Bridgeport, CA. The document details mitigation measures and best management practices to limit the introduction and spread of invasive plant species on US Forest Service lands currently under lease by the US Marine Corps. Geōde surveyed the 342-acre site and mapped invasive plant distribution using GIS mapping to guide removal, mitigation, and remediation strategies in the final report.

CEQA & NEPA | LOCAL ASSISTANCE

TOWN OF LONE PINE SIDEWALKS PROJECT | LONE PINE, CA

Geōde served as the Environmental lead drafting the CEQA CE and MMRP/ Environmental Commitments Record on the project developing "safe routes to schools" through construction of sidewalks through in the Lone Pine Central Business District. The project also ensured all development was Americans with Disabilities Act (ADA) compliant and accessible.

DINAH SHORE AVE SIGNALIZATION PROJECT | CALTRANS | RANCHO MIRAGE, CA

Advising City on Interagency Agreement protocols providing signalization improvements in Cathedral City's jurisdiction, per Caltrans HQ Local Assistance protocols. Consulting with Agua Caliente Tribe's THPO and Caltrans SHPO for Section 106 Consultation, and assisting City in drafting an Environmentally Sensitive Area Action Plan due to sensitive Tribal Historic Resources adjacent to project footprint.

HWY 111 SIGNALIZATION PROJECT | CALTRANS | RANCHO MIRAGE, CA

Lead Environmental Manager, coordinating with City's Traffic Engineer to formulate project description, securing cultural specialist to draft technical studies, and Caltrans on NEPA clearance, to implement signalization project installing fiber optic cable, ADA signals, and Centracs system for radio timing synchronization between traffic signals.

METROLINK ACCESSIBILITY | SBCTA & CALTRANS | SAN BERNARDINO COUNTY, CA

Environmental project manager on behalf of SBCTA managing consultant team. Coordinating FHWA and Caltrans approval of pedestrian and bicyclist transit safety improvements around seven Metrolink stations in the cities of Montclair, Upland, Rancho Cucamonga, Fontana, Rialto, and San Bernardino, CA.

ROCK SPRINGS RD BRIDGE | SBCTA & CALTRANS | SAN BERNARDINO COUNTY, CA

Coordinating with County of San Bernardino, consultant team, FHWA, and Caltrans to deliver NEPA CE and compiling the Environmental Commitments Record for NEPA clearance.

SALTON CREEK BRIDGE REPLACEMENT PROJECT | CALTRANS | RIVERSIDE, CA

Lead, delivering NEPA CE and ECR. Performing all facets of investigation including coordination with Caltrans engineers, paleontologists, air, noise, hazardous waste specialists, biologists and cultural specialists for environmental clearances.

FOUNDER & CEO |

ESSRA MOSTAFAVI

Essra, Founder & CEO of Geōde Environmental, is an environmental policy and urban planning advisor. With public and consulting-sector experience, Essra has positioned Geōde at the nexus of science and policy, offering clients comprehensive research and contemporary regulatory solutions. Since 2004, Essra has been enacting environmental policy, CEQA/NEPA, analysis, management, and sustainable and international development. For the past decade, Essra has worked on high-profile projects at the state, federal, and international levels, managing the policy reviews on the California High Speed Rail-Palmdale to Burbank Section; providing environmental oversight and management to consultant teams for the \$1.8 billion I-10 Corridor Project and the \$425 million I-15 Corridor Project; and directing USAID-funded sustainable agriculture projects in Nigeria. Essra holds a BA from UC Davis in International Relations-Environmental Policy and an MA in International Environmental Policy from Middlebury.



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