

DOCKETED

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ATTACHMENT DR BIO-2

Biologist Resumes



Diana Navarro, MEDS

Ecologist

Expertise

Data Collection, Analysis,
& Management

GIS

Water Quality Monitoring

R & Python Programming

Education

Master of Educational
Data Science (MEDS),
University of California,
Santa Barbara

B.S., Earth System Science,
University of California,
Irvine

Diana is an environmental data scientist that specializes in utilizing programming languages, such as R and Python, and applies them to various subject matter that include geospatial analysis, remote sensing, statistical analysis, and data visualization. Her years of experience in water quality monitoring, data collection, and chemical analysis complement her programming expertise, creating a comprehensive background in environmental science.

In June 2024, Diana graduated with her Master of Environmental Data Science (MEDS) from the Bren School of Environmental Science and Management. She acted as Data Manager and Product Lead to create an educational toolkit to help students navigate large ensemble climate models and created a python-based web application to display climate variability over time in the Channel Islands Marine Sanctuary.

Her strong foundation in environmental science stems from her experience in stormwater monitoring projects, where she conducted extensive water quality and sediment sampling. This blend of technical programming skills and practical field experience allows Diana to bridge the gap between data collection and meaningful environmental insights.

Select Project Experience

Confidential Former Industrial Site Restoration Planning – New Jersey

Hell's Kitchen Lithium Production & Clean Power Project – Imperial County, CA

Northern California Land Exchange Biological Evaluation – Alpine County, CA

Lower Los Angeles River & Lower San Gabriel River Watershed Coordinated Integrated Monitoring Programs* – Los Angeles, CA

Los Cerritos Channel Watershed Coordinated Integrated Monitoring Program* – Los Angeles County, CA

Estuarine & Beach Watershed Integrated Monitoring Program* – Long Beach, CA

Dredge Material Evaluation Newport Bay Bridge Sump Station & Force Mains Replacement Project* – Newport Beach, CA



Yani Pohl, M.E.S.M.

Associate Ecologist

Expertise

Ecological Assessments & Biological Surveys

Regulatory Permitting & Compliance

Habitat Restoration

Conservation Planning

GIS & Connectivity Modeling

California Rapid Assessment Method (CRAM)

Education

Masters Environmental Science & Management (M.E.S.M.) – UC Santa Barbara

B.S. Ecology and Evolutionary Science – UC Santa Cruz

Professional Affiliations

The Wildlife Society

The California Society for Ecological Restoration

The Ecological Society of America

Yani is an ecologist with over ten years of experience in environmental regulations and permitting, environmental compliance, restoration ecology, and habitat connectivity. She has conducted a wide range of ecological field assessments, including wetland delineations, biological inventories, and functional assessments for diverse habitats such as wetland, coastal scrub shrub, chaparral, streams, and western mountain ranges as well as various species-specific surveys and monitoring for burrowing owls, kit fox, salmonoids and raptors.

Yani has in-depth knowledge of state and federal regulatory processes and has worked extensively with the USACE, USFWS, CDFW, and the California Water Board. Her expertise includes securing approvals for 404 permits, 401 Water Quality Certifications, state and federal Incidental Take Permits, Lake and Streambed Alteration Agreements, and California Environmental Quality Act (CEQA) compliance. She also coordinates and oversees environmental permit compliance and restoration plan development and implementation for a variety of projects.

Select Project Experience

Hell's Kitchen Lithium Production & Clean Power Project Imperial County, CA

As Deputy Project Manager, Yani is leading Great Ecology's environmental permitting efforts and is responsible for developing both state and federal permit applications, coordinating with regulatory agencies and researching environmental policy and regulation. In addition, Yani leads mitigation planning, site characterization, CEQA strategy development, and natural resource mapping within CTR's project area. She also plays a key role in multi-agency coordination and stakeholder outreach, which includes attending public meetings. Supporting broader project management, Yani leads various site activities to ensure thorough site assessments and alignment with regulatory standards.

Paradise Hills Trail Extension Biological Technical Report San Diego, CA

As the Project Manager, Yani is leading the development of a Biological Technical Report for a proposed trail route extension in the Paradise Hills neighborhood on behalf of the City of San Diego. Her team is completing a natural resource inventory and will ultimately recommend alternative trail alignments to avoid sensitive biological resources.

Northern California Land Exchange Biological Evaluations

Alpine County, CA

Yani was the Lead Botanist responsible for conducting detailed vegetation assessments and mapping habitat types which included identifying plant species essential to the ecosystem, detecting and analyzing the impact of invasive species, and evaluating the balance of native versus non-native cover. Yani compiled a comprehensive species compendium to assess species richness and authored a detailed vegetation report, providing insights into habitat quality and biodiversity to support conservation efforts.

Carmel Valley Trail Extension Biological Technical Report

San Diego, CA

Yani led the development of a Biological Technical Report for a proposed trail route extension in the Carmel Valley neighborhood on behalf of the City of San Diego. She completed a biological evaluation of the proposed trail route and recommended alternative trail alignments to avoid sensitive biological resources.

San Dieguito Lagoon Wetland Monitoring & Management

Del Mar, CA

Yani supports ongoing annual monitoring and management for the tidal marsh restoration project including conducting quarterly quantitative and qualitative assessments of vegetation establishment, species diversity, and hydrology. Additionally, she performs a yearly CRAM assessment of the restoration area, advises on adaptive management recommendations, and contributed to the development of the annual monitoring reports.

Additional Project Experience

Sulfur Mine Ecological Assessments & Revegetation Plan – Alpine County, CA

San Marcos Highlands Habitat Mitigation Implementation – San Marcos, CA

Clairemont Mesa Overgrade Assessment – San Diego, CA

Regional Coastal Habitat Restoration Planning & Litigation Support #1 & #2 – Louisiana

4th Avenue Habitat Mitigation Design & Permitting – Chula Vista, CA

Briarcrest Property Vegetation Evaluation – Beverly Hills, CA

Private Ranch Wildfire Damage Assessment – Sonoma County, CA

Mulholland Drive Private Development Permitting Support – Los Angeles, CA

METRO Purple Line Extension* – Los Angeles, CA

Lagunitas Creek Restoration Program* – Lagunitas, CA