

Zachary Jennings

GIS Analyst

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(951) 805-0970
Camarillo, California

Experienced GIS Analyst with a 6-year background in environmental geospatial analysis and dataset management. Proficient in ArcGIS Pro, ArcGIS Online, and ESRI mobile tools, with a proven record in delivering clear mapping and analysis in regulated, public-sector environments.

Work Experience

Lab Manager

Aug 2021 - Present

CSU Channel Islands - Environmental Science & Resource Management | Camarillo, CA

- Provide technical support for laboratory and field-based environmental data collection
- Maintain datasets, documentation, and equipment inventories in compliance with safety and institutional standards
- Support faculty, students, and researchers by troubleshooting technical issues and ensuring data integrity
- Develop and maintain written procedures and safety documentation for equipment and data use

Biologist / Assistant Project Manager

Oct 2019 - Aug 2021

Wildscape Restoration, Inc. | Ventura, CA

- Created and managed GIS datasets and orthoimagery to support habitat restoration projects
- Conducted spatial analysis to inform project planning, monitoring, and reporting
- Performed quality control on geospatial data collected from field crews and external sources
- Produced maps and technical documentation for internal teams and regulatory reporting

Coastal Accessibility Researcher

Aug 2018 - May 2019

CSU Channel Islands | Camarillo, CA

- Conducted spatial and demographic analyses evaluating public accessibility to California beaches
- Designed cartographic products and visualizations for academic and public presentations
- Documented methodologies and findings in a comprehensive technical report and conference poster

Education

California State University - Channel Islands

Bachelor of Science Environmental Science & Resource Management

Awards

Janet Korsmo Engagement Award

Apr 2024

CSUCI Center for Community Engagement

This award honors a CSUCI staff/administrator who is significantly involved in civic engagement activities.

Certificates

Remote Pilot Certificate - 14 CFR Part 107

Mar 2019

Federal Aviation Administration

Core Skills

ESRI ArcGIS: ArcGIS Pro, Drone2Map, ArcMap, Survey123, Field Maps, Collector

Spatial analysis, cartographic design, GIS data creation, database management, technical documentation, user support, project coordination, field data collection, data maintenance, QA/QC, incorporating GIS into daily operation