

Job Announcement

Requisition No. RL-18-04

Title: Environmental Analyst and Environmental Scientist

Positions Open Until Filled, Application Review Starts Monday October 15, 2018

Position Description

SFEI is seeking two talented scientists to join our Resilient Landscapes Program. We expect to hire both an entry-level position and a more experienced mid-level position. The positions are an opportunity to work with an outstanding multidisciplinary team of scientists on innovative projects that help improve the functioning of California landscapes for people, plants, and wildlife. We are looking for individuals who can start immediately.

The successful candidate will work on applied science projects relating to ecosystem restoration, water and sediment management, and climate-change adaptation planning in the Bay Area and statewide. Primary position responsibilities will include investigating historical and contemporary ecosystem processes; developing multi-benefit strategies that increase equitable access to ecosystem services; and advancing landscape-scale conservation planning that promotes resilient riverine, wetland, coastal, and urban ecosystems. The position will require using a variety of analytical tools to understand landscape processes and writing technical reports to convey project findings.

Qualifications

The candidate will have a Bachelor's, Master's, or PhD in a relevant field (e.g., geology, ecology, biology, hydrology, geography, environmental sciences, landscape architecture, environmental engineering). While a scientific or technical background is expected, a qualified candidate with experience bridging between environmental science and other fields (e.g., urban design, community engagement, environmental policy) will also be considered. In addition, the candidate should have the following credentials and demonstrated abilities:

Environmental Analyst

- Bachelor's or Master's degree
- Ability to work collaboratively and with interdisciplinary teams
- Ability to synthesize, analyze, and/or visualize information from qualitative and quantitative datasets using a variety of tools (e.g., Excel, GIS or other geospatial tools, R, statistical software, and/or data visualization techniques such as InDesign, Photoshop and Illustrator)
- Excellent communication skills; demonstrated ability to communicate findings clearly in writing and presentations and translate complex concepts for both general and technical audiences

Environmental Scientist

All of the above, plus:

- Master's degree plus several years' experience working in a relevant field, or PhD
- Experience presenting at professional or academic conferences and to stakeholder groups
- Ability to maintain excellent working relationships with external partners and stakeholders
- Experience with project management, including overseeing staff, budgets, schedules, and deliverables
- Demonstrated ability to produce scientific reports and publications for both general and technical audiences

In addition, the candidate will have expertise or experience in some of the following areas:

- Coastal vulnerability and adaptation
- Geomorphic and hydrologic processes
- Relationships between hydrogeomorphic and ecological dynamics in riverine and tidal ecosystems
- Fisheries science
- Landscape change and historical ecology
- Ecosystem services (e.g., flood protection, heat island effect reduction, or human health benefits)
- Urban environmental planning and landscape design/visualization
- Landscape-scale conservation and restoration
- Engaging diverse communities in adaptation planning
- Graphic design using Adobe tools or similar desktop publishing software
- Data visualization using Adobe tools (Illustrator, Indesign, Photoshop), AutoCAD, Rhino or similar software

To apply, please send a cover letter and resume to resumes@sfei.org. *Please reference the requisition number for this position (RL-18-04).* No phone calls please.

About the Resilient Landscapes Program

SFEI's Resilient Landscapes Program develops innovative ecosystem restoration and management strategies to re-establish and sustain key ecological functions and services. These strategies are helping integrate natural and human infrastructure to create systems that are more adaptive to climate change and other stressors. We are a team-oriented program of 16 interdisciplinary scientists (geomorphologists, hydrologists, ecologists), designers, and GIS specialists, working closely together and with staff across the Institute with expertise in water quality and informatics.

About SFEI

The San Francisco Estuary Institute (SFEI) provides independent science to assess and improve the health of the waters, wetlands, wildlife, and landscapes of San Francisco Bay, the California Delta, and beyond. SFEI's 60 scientists and experts deliver data, technology, and tools that empower government, civic and business leaders to create cost-effective solutions for complex environmental issues--from cleaner water and sustainable communities to climate change. We have three primary programs: Clean Water, Resilient Landscapes, and Environmental Informatics.

SFEI is committed to building a culturally diverse staff, and we strongly encourage applications from women, people of color and other groups commonly under-represented in environmental science.

SFEI is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex including sexual orientation and gender identity, national origin, disability, protected Veteran Status, or any other characteristic protected by applicable federal, state, or local law.

For more information on our mission, values, programs, and staff, visit the San Francisco Estuary Institute web site www.sfei.org.

Please note that SFEI cannot sponsor an employment visa (e.g., H-1B) to fill this position.