

Job Announcement

Requisition No: CW 18-5

Title: Environmental Scientist

Program: Clean Water

Position Open Until Filled.

SFEI is seeking an Environmental Scientist specializing in contaminants of emerging concern (CECs), particularly current use pesticides, to support projects evaluating the impacts of contaminants on water quality and to support development of pollution prevention policies.

A primary role will be providing technical leadership on issues relating to pesticides and other CECs for the Regional Monitoring Programs for the San Francisco Bay (Bay RMP) and the Delta (Delta RMP). This position will report directly to the Bay RMP lead on emerging contaminants and is an integral part of the RMPs' team of scientists.

Novel and multi-faceted, these regional monitoring programs use pooled resources from the dischargers and dredgers of the San Francisco Bay and Delta to evaluate the ambient health of the Estuary, and work in collaboration with governmental agencies and NGOs to provide the science to make robust decisions for the sustainable stewardship of this ecosystem. The RMPs conduct monitoring of water, sediment, and biota (e.g., sport fish, bird eggs, bivalves, etc.), as well as special studies on high priority topics, such as CECs, microplastic, and current use pesticides. It is anticipated that the Environmental Scientist will assist in the design, collection, review, and synthesis of RMP data. The Environmental Scientist will present newly generated information to the RMP stakeholders through oral presentations and technical reports, and engage these stakeholders in evaluating potential next steps. The Environmental Scientist is also expected to publish and to present these results at national and international conferences.

This is a full-time position for a candidate with an MS or PhD in environmental chemistry or environmental science or closely related fields.

Requirements:

1. MS or PhD in Environmental Chemistry or Environmental Science or closely related fields
2. Work experience in relevant areas (e.g., analytical chemistry, environmental monitoring, data management and QA/QC, design of environmental monitoring programs, etc.)
3. Excellent writing and communication skills

4. Experience working with stakeholders (e.g., representatives of government agencies, relevant industries, funders, and/or affected communities) would be a plus
5. An ability to design and lead scientific studies to determine whether beneficial uses of the Bay and Delta are being adversely impacted
6. An ability to critically review the CEC literature and to assist in the identification and prioritization of new CECs and pesticides to monitor
7. An understanding of environmental fate and transport processes
8. Expertise relating to organic contaminants, particularly current use pesticides; experience with standard ecotoxicity tests would be useful
9. Understanding of environmental laboratory analytical methods and equipment (e.g., GC-MS, ICP-MS, etc.), an ability to review data from contract laboratories to flag suspect data, and an ability to work with laboratories to troubleshoot analytical challenges. The position requires minimal laboratory work, as nearly all RMP analyses are conducted by outside subcontractors.
10. Ability to conduct occasional field work that may involve working unusual hours (e.g., late nights, early mornings, and weekends) and may require lifting heavy/awkward objects is advantageous.
11. Candidates must have a valid California Driver's License.

The position will interact with and collaborate across many groups at SFEI and requires an enthusiastic, team-oriented individual. Typical duties will include:

- Writing technical reports, journal articles, memoranda, and internal reports.
- Presenting technical information at a variety of forums such as quarterly technical review committee meetings, regional conferences, and national meetings.
- Working with multiple stakeholder groups to build consensus, articulate priority information needs, and design scientific studies that can fill priority data gaps.
- Working with groups external to SFEI to stay abreast of new findings, new work, and new policies and regulations regarding environmental contaminants such as CECs.
- Collecting water, sediment, fish, and other media for chemical analysis by outside laboratories. Prior experience conducting trace chemical work in challenging environments (e.g., on ships, in remote areas, etc.) is a plus.
- Assisting in the maintenance of the RMP and other database and web data access. Experience with Access, Excel, and statistical software packages is a plus.
- To apply, send a cover letter and resume to resumes@sfei.org. Please note the Requisition Number in the email subject line. No phone calls please.

About the Clean Water Program

The Clean Water Program is one of the nation's premier water quality science programs. It anticipates and meets the water quality data needs of policy-makers, resource managers, and the public. It helps the public, regulators, and those who discharge into our waters create more effective policies to ensure the health of our waters.

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.