

Data and Science Communication Specialist - SAN FRANCISCO (HYBRID)

Salary Range: \$58,240-\$70,000 per year

Job Type: Exempt, Full Time with benefits

ABOUT SUSTAINABLE CONSERVATION

Sustainable Conservation helps California thrive by uniting people to solve the toughest challenges facing our land, air, and water. Every day, we bring together businesses, landowners, and government to some of the most productive yet economically disadvantaged parts of California, to steward the resources on which we all depend in ways that are just and make economic sense. Please visit www.suscon.org to learn more about our work.

Sustainable Conservation is committed to addressing policies and practices that have historically prioritized economic benefits to some at the ecological, health, and/or economic expense of others. We engage communities to partner with us in co-creating solutions to catalyze more substantial improvements in areas of California where the stakes are highest for getting it right. Centering diversity, equity, and inclusion in our mission and vision is the fullest expression of how we aim to support California. Only by weaving these values through everything we do – both within individual programs and the organization, both in the field and at the office – can we help shape a California where all can truly thrive.

POSITION SUMMARY:

Sustainable Conservation's priorities include improving California's water supply availability and quality. One of our areas of focus involves promoting and implementing groundwater recharge, which is the act of spreading excess surface water (e.g., storm water) onto land to percolate into the soil and replenish aquifers. We believe recharge can be a powerful tool to help achieve groundwater sustainability while incorporating interrelated benefits for communities, farmers, and the environment.

Due to the growing interest in groundwater recharge and our expanding work in this field, we are currently seeking to add a Data and Science Communication Specialist to our team. The ideal candidate will have a passion for working with data, should be well versed with various techniques for data analysis and organization, and possess a talent for data visualization to enhance accessibility and visual impact.

The Data and Science Communication Specialist will be an essential member of Sustainable Conservation's multi-disciplinary Water Recharge Team. This team member will be responsible for collecting, compiling, and manipulating new and existing data using Excel and GIS, taking into consideration our commitment to agronomic, environmental, and community priorities.

Sustainable Conservation highly values collaboration. In alignment with our core values, this position will be working in close collaboration with other team members. This position will report to the Project Manager.

Location: This position will be part of our San Francisco, Modesto, and Sacramento offices with an option to work remotely. Periodic travel throughout the state may be needed when conditions permit.

Primary Responsibilities

- Work collaboratively with the Water Recharge Team to collect, compile, and manipulate new and existing data using software such as Excel and GIS (R would be a plus)
- Compile, format, and analyze data by using basic statistics and geospatial analysis
- Engage in developing graphs, charts, GIS maps, and graphic flow charts
- Partner with team members to interpret data findings from reports and studies, and generate accessible summaries, visual graphics, and talking points.
- Assist the Water Recharge Team and the Development and Communications Team in developing digital and graphic communications for a variety of stakeholder audiences, including but not limited to communities, water managers, and farmers
- In close association with the Water Team, initially work on the following project-based tasks, all of which have a multi-benefit component:
 - a) Monitoring/demo/pilot sites: Collect and analyze data retrieved from growers and irrigation districts that are piloting and demonstrating groundwater recharge projects.
 - b) GRAT watershed studies: Core data collection, wrangling, and analysis support for our work to build additional Groundwater Recharge Assessment Tools (GRAT) that identify suitable sites for recharge across 4 watersheds in the San Joaquin Valley.
 - c) GRAT implementation: Turn data gathered from completed watershed modeling studies into localized water management decision support tools
 - d) Develop outreach materials to convey findings from completed Watershed studies
 - e) Any other projects as assigned

Experience and Skills Required

- Experience creating visual aids - such as maps, charts, and graphics - to convey complex scientific data to a variety of stakeholders
- Advanced skills in GIS (ArcMap and Arc Online)
 - Assist with development of GIS data storage and maintenance
 - Familiarity with raster/vector data, coordinate systems, geoprocessing tools
- Excellent computer skills, including knowledge of MS applications such as Excel, Word, and PowerPoint
- Exceptional communication skills, including both verbal and written skills
- Strong problem-solving and independent thinking skills
- Strong organizational and interpersonal skills
- Ability to read, understand, and discuss complex scientific data
- Ability to work both collaboratively and independently
- Commitment to principles of diversity, equity, and inclusion; desire to work in collaboration with communities
- Keen interest in nature-based solutions and climate change adaptation
- An undergraduate science degree in natural resources, biology, hydrology, agronomy or related major with data management with preferably 1 or 2 years of experience, or equivalent
- Valid CA Driver's License and a willingness to travel as required
- Proof of vaccination against COVID-19(Including booster) required

Also Desirable

- Proficient in MS Office applications; experience with SharePoint/Office365 and Zoom
- Skills in R and Python programming a plus
- Multi-lingual/multi-cultural skills and/or training
- Ability to work in cross-functional team settings

What we offer: A competitive compensation package based on experience, fully paid health insurance benefits, generous match on 401k, FSA, EAP, vacation, sick leave, plus the week between Christmas and New Year's Day as holiday leave. Our greatest benefit is our culture. Our staff is collaborative, dedicated, and caring. We believe in articulating and practicing our values at work and have a strong commitment to bringing a DEI lens to our work and workplace culture.

At Sustainable Conservation we value culture and diversity and as an equal opportunity employer we encourage qualified individuals from all backgrounds to apply to our job openings.

To Apply: Please send your cover letter and resume to JOBS@suscon.org and include "Data and Science Communication Specialist" in the Subject line.