



## Job Posting | ***Soil Scientist/Agronomist/Agricultural Scientist***

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Land IQ has an opening for a Staff Soil Scientist or Agronomist in its Sacramento, California office. Land IQ specializes in providing solutions to challenging agricultural and environmental problems throughout the world. Our areas of expertise include soil science, water quality and demand evaluation and management, agricultural systems, salinity and nutrient management, ecosystem restoration, geostatistics, remote sensing, geospatial analysis, and regulatory policy. Land IQ helps its clients develop high value, scientifically sound, proactive solutions to their complex, large-scale land-based problems.

The successful Soil Scientist/Agronomist candidate will be responsible for working with our agricultural and environmental teams as well as our geospatial team comprised of remote sensing/GIS experts. Applicants must have strong fundamentals in western cropping systems, salinity and irrigation management, soil science and geographic information systems (GIS). A strong knowledge in field sampling methods and data analysis is required. The applicant must also have excellent communication skills, and a demonstrated ability to manage multiple tasks, perform work on-time and within budget resources. A strong work ethic for both field and office-based tasks is imperative. General knowledge of the geospatial analysis field is a plus. Join our multi-disciplinary team of professionals to develop innovative approaches for our varied client base.

**Office Locations:** Sacramento, CA

**Position Location:** Sacramento, CA

**Hiring Timeframe:** Immediate

**Employment Type:** Full time, including benefits

### **Primary Responsibilities:**

- Work in a team environment on a wide range of projects, supporting our team of scientists, remote sensing analysts, and GIS analysts
- Organized and methodical with communication and work documentation
- Collect, manage and manipulate large geospatial datasets with various GPS/GIS tools
- Collect, analyze and develop summary reports and figures for soil, water and plant samples
- Integrate soil, water and plant sample data into a spatial framework
- Install, monitor and maintain an array of environmental monitoring equipment (soil, water and atmospheric)
- Provide basic geospatial analysis support and map making
- Resourceful in seeking, preparing, and/or creating spatial and non-spatial environmental data
- Provide QA/QC of spatial products (field boundaries, crop classifications, etc.)

## **Required Qualifications**

**Education:** BS/MS Crops, Soils or Related Natural Resources field (advanced degree preferred)

**Experience:** 1 – 5 (Consulting experience preferred)

## **Required Technical Competencies**

- Understand basic soil/plant/water interactions
- Nutrient management and associated approaches and challenges
- Soil physical and chemical interactions
- Basic understanding of the agricultural and environmental regulatory environment in California as it pertains to the agricultural industry
- Understanding of western irrigation systems and agricultural water management

## **Required Software Application Skills**

- Firm Grasp of the Microsoft Office Suite (specifically Excel & Access)
- Experience with ESRI ArcGIS suite (ArcCatalog, ArcMap, ArcToolBox)
- Strong statistics experience with use of Systat, SigmaPlot or similar statistical analysis software

## **Preferred Qualifications/Certifications**

- Certified Crop Advisor (CCA California), Certified Professional Agronomist (CPAg), Certified Professional Soil Scientist (CPSS), Certified Professional in Erosion and Sediment Control (CPESC) or intent to obtain any of the above
- Experience working with growers and agricultural interest groups in solving complex production challenges

## **Professional Skills**

Positive/enthusiastic attitude, passionate about professional pursuits, strong organizational, communication and writing skills, personable, ability and desire to learn, attention to detail, strong QA/QC experience, always looking for new solutions and opportunities, enthusiastic about guiding and mentoring team members to reach team and organizational goals.

## **Contact**

Please send resume/cover letter to [cguadel@landiq.com](mailto:cguadel@landiq.com). Also visit our website for more information at [www.landiq.com](http://www.landiq.com).



Land IQ is a multidisciplinary environmental consulting firm that emphasizes a solution-oriented approach for a broad range of clients and geographies. We offer highly competitive compensation, a complete benefits package, 401K, and funded training and development opportunities. Our Sacramento office is centrally located in northern California in a thriving region of culture and arts and in close proximity to a full range of recreational activities associated with the Sierra Nevada and Coastal mountains, scenic rivers, Pacific coast, and California foothills.

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