



San Diego Canyonlands

◆ 3552 Bancroft Street San Diego, CA 92104 ◆ 619-284-9399 ◆

Job Announcement for San Diego Canyonlands a non-profit working to rehabilitate/restore urban canyons and creeks throughout San Diego County.

Job Title: GIS Specialist, (Pay scale commensurate with experience and skill sets).

Reports to: Executive Director

Scope: The GIS Specialist (G.S.) supports San Diego Canyonlands (SDCL) programs throughout San Diego County. The G.S. is mainly responsible for conducting GIS analysis and cartography on existing open GIS data and data collected in the field for various mapping purposes. Examples of end-product maps can be viewed at www.sdcanyonlands.org/cep. (Scroll down). Duties also include management of GIS data and archives, cloud-based storage, maintenance of GIS software, hardware, and licenses, training/supervision of GIS interns and facilitation of SDCL volunteer events.

Other potential duties: Attend and support Canyon Enhancement Planning workshops; Facilitation of habitat restoration events; Supporting community organizing goals and grant writing efforts.

Qualifications and Certifications

- **GIS Software Experience** – Two to three years of experience using ArcGIS 10.x. Experience with ArcGIS Online to include creation of feature services and web maps/apps. Experience with geodatabase schema design.
- **Field Data Collection** – Experience gathering data in the field using GPS units or other devices.
- **Restoration Ecology & Habitat Conservation Plan Mapping** – Based on submitted field data, develop site specific habitat restoration maps, including infrastructure layers and buffer zones, plant species quantities given spacing criteria, and calculation of plant community acreage.
- **Classwork/Training in Geography and GIS** – Examples would be ESRI certification, a GIS Technician certificate, a Geography degree, or significant education in Geography/GIS.

These other qualifications and skills, (though not required), are a plus:

1. **Sound understanding/knowledge of San Diego's local flora and fauna** both native and non-native species identification; experience in habitat evaluation.
2. **Qualified Herbicide Application Certificate or License** Experienced, and state certified herbicide applicator, including reporting on herbicide application stats to the appropriate agencies.
3. **Wetland Delineation** - Maintain/utilize qualifications as needed.

San Diego Canyonlands, Inc. is an equal opportunity employer committed to a diverse workforce. Please e-mail resume in WORD or PDF format to: Eric Bowlby, eric@sdcaanyonlands.org, www.sdcanyonlands.org



November 17, 2007
Swan Canyon - BEFORE



May 15, 2013
Swan Canyon - AFTER