

PARKNAME Glen Canyon National Recreation Area

STATE Page, AZ

Alpha Code GLCA

Position Title Geohazard Research Assistant

Job Description

The position will include both office and field work. The field portion will be spent inspecting and GPS locating areas of known rockfall and suspected areas that have shown signs of instability. Field outings may include long hikes and boat rides on days in less than ideal conditions (rain, heat, and high winds) with the possibility of backcountry overnights. In the office, the GIP will analyze old photos, ranger reports, and historical data. Participant will prepare a write-up of geohazard sites and build coverages of sites utilizing NPS and park GIS standards. Developing written content for the web and other media is also a possibility.

Time Frame

Jun 25 - Sept 16, 2008; 6-8 weeks proposed work, dates somewhat flexible

Qualifications

Applicant must have at least Senior level standing from a university/college and be majoring in the geosciences or earth sciences. Graduates or faculty candidates are also welcome to apply. Previous field research is desirable. The participant should be able to work well independently, both in the office and in the field with little supervision, have basic map reading and GPS orientation skills, and must be comfortable hiking in a rugged environment. Basic GIS computer skills are required. Applicant must have a valid driver's license.

Housing

Park will provide housing at no cost to the participant. A personal vehicle/transportation will be needed to drive from housing to the park office.

Park Geology

Glen Canyon National Recreation Area stretches for hundreds of miles from the Orange Cliffs of southern Utah to Lees Ferry in northernmost Arizona. Lake Powell comprises about 13% of the recreation area but the rest of GLCA exposes approximately 8,500 feet (2,590 m) of strata that spans more than 300 million years of the Earth's history. The canyons, carved into the landscape over the past 5 million years, expose strata that record deposition in shallow seas, tidal flats, sabkhas, alluvial plains, and extensive sand dune-covered deserts.

Location Information

Glen Canyon National Recreation Area encompasses over 1.2 million acres, and offers unparalleled opportunities for water-based & backcountry recreation. Annually, more than three million visitors come to Glen Canyon National Recreation Area. The offices

are located in Page, Arizona a town of approximately 9,500 people. It is the hub of a collection of national parks and monuments, state parks, historical sites, prehistoric Indian ruins and awesome geological formations.

More information about the park can be found at <http://www.nps.gov/glca>

Note to Candidates

The job may involve strenuous physical activity (hiking for several hours in heat), exposure to heights and weather extremes. The participant will receive training in backcountry travel and navigation.

Primary Contact (person who will directly supervise the GIP)

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Secondary Contact

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