Position Announcement – Remote Sensing/Geospatial Analyst

Company: RedCastle Resources, Inc.
Title: Remote Sensing/Geospatial Analyst (2)
Location: USDA Forest Service, Salt Lake City, Utah
Application Deadline: Open until position is filled
Position Starts: As soon as practical
Term: Full time with benefits

Company Background: RedCastle Resources is an innovative, employee-friendly company providing Remote Sensing, GIS, and Information Technology support to the US Forest Service and other land management agencies. For over 18 years, RedCastle Resources has provided on-site support to the Remote Sensing Applications Center (now Geospatial Technology and Applications Center, GTAC) assisting National Forests, GTAC, Research Stations, and interagency partners by using advanced geospatial technologies for improved mapping, inventorying, and monitoring of natural resources.

Position Description: The Remote Sensing/Geospatial Analyst will work individually and as part of a team conducting remote sensing and geospatial projects. Analysts will use a variety of open source and enterprise corporate geospatial software and tools to address a diverse set of natural resource applications. Example applications include multispectral imagery analysis, Landsat time series change analysis, lidar data analysis, object-based feature extraction, multi-stage sampling, and more. Natural resource areas addressed using these geospatial analysis include riparian and watershed mapping and analysis, forest inventory, land cover mapping, forest and rangeland monitoring. Candidates for this position should be motivated self-learners and will be expected to undertake tasks beyond their current technical competencies. Projects may be both domestic and international in scope. The following characteristics are desirable:

Desired Qualifications:
- Technical proficiency in remote sensing, GIS, spatial statistics, and geospatial sciences;
- Experienced software user of ERDAS, ESRI products (ArcGIS), R, Definiens eCognition, and Google Earth Engine (GEE) (other similar image analysis software experience may suffice);
- Background in natural resource analysis (e.g. soils, plant biogeography, forestry, wildlife management, hydrology, geography, etc.);
- Willingness, aptitude, and skills to successfully complete technically complex geospatial projects ;
- Excellent communication skills including technical writing, verbal communication, and presentation skills.

The successful candidate would ideally have two years of experience in remote sensing with good current working knowledge of remote sensing and GIS software. The minimum degree requirement is a BA/BS (preferably a MA/MS) in a natural resource or technical area such as forestry, soil science, biology, geography/GIS, or ecology, with coursework in geospatial technologies. Experience using scripting languages such as python and java script is highly desirable.

This position offers a benefits package which includes health and dental insurance, a flexible spending account, company matching 401K and profit sharing, long term disability insurance, and paid vacation and holidays. A moving allowance will be provided if applicable. RedCastle Resources is a casual dress work environment. Salary is dependent upon qualifications and experience.

Application review will be ongoing. The position will start as soon as practical. Phone calls and email correspondence are welcome for gathering additional information.

E-mail: employment@redcastleresources.com
For additional information, please call (801) 322-5100.
RedCastle Resources, Inc. is an equal opportunity employer.