Postdoctoral Research Associate

Department of Geosciences; Full-time; 12 month appointment; Position anticipated to last up to two years, depending upon funding availability and performance. Position to start immediately.

Responsibilities: We seek a postdoctoral fellow interested in working with a dynamic interdisciplinary team to develop research applications in remote sensing and visualization. The post-doc will focus on programming and analysis of hyperspectral, multispectral, TLS, and LiDAR data for scientific application to vegetation, geomorphology, and/or hydrology. Examples of research opportunities include: developing algorithms to better analyze TLS and LiDAR data in semiarid regions, developing tools to fuse datasets, visualization of point-clouds, and web-based LiDAR processing. The post-doc will also assist in developing tools and methodologies for remote sensing data analysis in an immersive 3D environment (IQ-station) and will have opportunities to collaborate with scientists at across institutions.

Qualifications: The position requires a PhD in natural resource science, computer science, engineering, or related field. Proficiency in C++, C sharp and/or other major programming languages (IDL, Matlab, etc). Excellent communication skills are a must. Publication record and GIS experience are desirable.

Salary: Commensurate with experience and qualifications; competitive benefits package.

Application: Please submit a cover letter describing your research interests, experience, and qualifications for this position, curriculum vitae, and contact information for three professional references. Apply here:

https://isujobs.net/applicants/jsp/shared/position/JobDetails_css.jsp?postingId=138227

Review of applications will begin immediately; search will continue until position is filled. For further information about ISU and the Department visit us at http://www.isu.edu/; http://bcal.geology.isu.edu/index.shtml.

Idaho State University is an AA/EEO Employer. Women, Minorities and Veterans are encouraged to apply. Idaho State University is committed to an environment of civility, respect, and tolerance within the University community.