

# BOISE STATE UNIVERSITY

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## Nancy Glenn

Department of Geosciences – Professor

Dr. Nancy Glenn directs BCAL where current research focuses on terrain (soil and vegetation) characterization with LiDAR and hyperspectral imagery for ecological structure and function and modeling. Research at BCAL also focuses on the development of point cloud analysis tools, visualization of point cloud and hyperspectral data fusion and unmanned aerial systems.

Glenn began Idaho State University's remote sensing program in the Department of Geosciences in Pocatello in 2000, and expanded it to include Idaho Falls and Boise campuses. In 2013, Glenn joined the Department of Geosciences at Boise State University. Her experience in remote sensing processing and interpretation ranges from synthetic aperture radar, hyperspectral, multitemporal multispectral and laser altimetry (airborne laser scanning and terrestrial laser scanning). Her work also incorporates visualization, geostatistics, high-resolution global positioning systems and the use of geographic information systems for field validation and analysis of high resolution hyperspectral, TLS and ALS data.

### ***Education***

Ph.D., Geo-engineering, University of Nevada in Reno

Master of Science, Geotechnical-Civil Engineering, University of California at Berkeley

Bachelor of Science, Geological Engineering, University of Nevada.

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