



The Information Science & Technology Center

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**Colorado State University's
Information Science and Technology Center (ISTeC)
presents a panel moderated by**

**Melinda Laituri
Associate Professor, Forest, Rangeland, and Watershed Stewardship
Colorado State University**

**ISTeC Special Lecture
in conjunction with the Electrical and Computer Engineering Department
and Computer Science Department Seminar Series**

"GIScience: Geographical Information Systems at CSU"

Monday, November 9, 2009

Reception: 10:30 a.m.

Lecture: 11:00 – 12:00 noon

Location: LSC 224

Abstract

Geographic information science (GIS) is at the core of spatial research activities that cross disciplinary boundaries. GIS explores the fundamental theories and concepts that form geospatial technologies (such as geographic information systems, remote sensing, and global positioning systems) as well as application-based products and activities. CSU hosts many researchers actively involved in a variety of applications of GIS research. This seminar is a panel discussion by several GIS faculty researchers at CSU: Luis Garcia, Civil and Environmental Engineering; Dave Theobald, Human Dimensions of Natural Resources; Raj Khosla, Soil and Crop Sciences; and Randy Boone, Natural Resource Ecology Lab. Melinda Laituri, Forest, Rangeland, and Watershed Stewardship, will moderate the panel. The discussion will focus on current GIS research at CSU, its contribution to computer-based methods and techniques, and future directions. This panel will provide a springboard for the planned ISTeC Research Retreat on Computing for GIS Problem Domains to be held on February 8, 2010.

Moderator Biography

Dr. Laituri is at Colorado State University in the Forest, Rangeland, and Watershed Stewardship Department. She is coordinating the Geospatial Centroid @ CSU to provide information and communication about GIS across campus. Dr. Laituri teaches graduate courses in GIS. Her research focuses on the intersection of science and culture using geospatial science. She has research projects in Mongolia, New Zealand, Ethiopia, Canada, and China. Other research work focuses on the role of the Internet and geospatial technologies of disaster management and cross-cultural environmental histories of river basin management.

ISTeC (Information Science and Technology Center) is a university-wide organization for promoting, facilitating, and enhancing CSU's research, education, and outreach activities pertaining to the design and innovative application of computer, communication, and information systems. For more information please see ISTeC.ColoState.edu

This seminar is open to the public.