

Geovisualization: A Window to Earth Surface, Structure and System

Oregon State University
Tuesdays, 4:00 p.m.
Gilfillan Auditorium
Open to the public

Discover the science of geovisualization, which uses 3-D mapping, virtual reality, and terrain fly-through techniques to create vivid interpretations of Earth processes. Offered for 1 credit as GEO 407 (CRN 28265) or GEO 507 (CRN 21785). Learn more at dusk.geo.orst.edu/geoviz07.html

Jan 9	Mark Harrower Dept. of Geography University of Wisconsin-Madison	<i>Visualizing Geographic Processes</i>
Jan 16	Tim Holt Department of Forest Science Oregon State University	<i>Games Get Serious: Computer Games for Visualization and More</i>
Jan 23	Rob Edsall School of Geographical Sciences Arizona State University	<i>Interactive Spatiotemporal Representations, Visualizations of Health Statistics</i>
Jan 30	Mike Bailey School of Elec. Engr. and Computer Science Oregon State University	<i>3-D Scientific Visualization, High Performance Computer Graphics</i>
Feb 6	Mark Gahegan Dept. of Geography and GeoVISTA Center Penn State University	<i>Visualization, Analytics and Spatial Decision Support in the Geosciences Network (Geon)</i>
Feb 13	May Yuan College of Atmospheric & Geographic Sciences University of Oklahoma	<i>Temporal GIS for Meteorological Applications and Representation Models for Dynamic Geographic Phenomena</i>
Feb 20	Kirk Goldsberry Dept. of Geography UC-Santa Barbara	<i>Real-time Traffic Maps for the Internet and Mobile Devices</i>
Feb 27	Julie Dillemath IGERT doctoral student in Interactive Digital Media UC-Santa Barbara	<i>Multi-domain Geovisualization of News Stories</i>
Mar 6	Randy Keller School of Geology and Geophysics University of Oklahoma	<i>Constructing, Editing, and Visualizing Integrated Models of Earth Structure</i>
Mar 13	Bob Crippen NASA Jet Propulsion Lab Pasadena, CA	<i>NASA Shuttle Radar Topography Mission Visualization of Earth Landscapes</i>

Sponsored by the OSU Department of Geosciences, the OSU Foundation's L.L. Stewart Faculty Development Fund, the OSU IGERT Program in Ecosystem Informatics and Oregon Space Grant.

Image: a NASA Jet Propulsion Lab satellite visualization of rainfall levels during Hurricane Katrina