

UNIVERSITY of NORTH TEXAS

Department of Philosophy
and Religion Studies

and

ENVIRONMENTAL SCIENCE

INSTITUTE of APPLIED SCIENCES
Department of Biological Sciences

presents
A Lecture by

Murray Journey

Navigating Pathways toward a Sustainable Future

The Georgia Basin region of western Canada provides a context and focus in which to explore the integration and potential societal impact of place-based planning, scenario modeling and geosemantic web technologies. Quest (Envision Sustainability Tools, Inc.) and CommunityViz (Orton Family Foundation) are integrated assessment modeling and visualization tools that enable people from all walks of life to construct alternative futures for a region and evaluate the trade-offs and consequences of their choices. The Georgia Basin Digital Library (GBExplorer) is a web-based digital library/semantic web application that provides a framework for integrating the results of these scenario-modeling tools to help promote a shared understanding of regional sustainability. Together, these resources help promote a wider and deeper understanding of environmental, social and economic issues, and offer the potential for transforming the ways in which regional urban centres and surrounding rural communities use and share information to make decisions about their collective future.



Friday, April 11, 3:00 p.m. in EESAT 130

Murray is a geologist and informatics specialist with the Earth Science Sector of Natural Resources Canada. He is part of regional sustainability research initiative in the Georgia Basin region of western Canada (www.basinfutures.net), and leads an interdisciplinary sustainability learning network project (www.georgiabasin.info) aimed at building a web-based architectural framework to situate and promote the use of integrated earth science information, knowledge and expertise within a broader societal context. His work focuses on geological hazards and groundwater management issues in western Canada, and on the development of integrated knowledge systems and semantic web applications to facilitate the understanding and uptake of earth science information in support of interdisciplinary research and decision making on issues of public safety, resource management and sustainable development.

The lecture is free and open to the public.

For special accommodation, contact us at 565-2266 or philosophy@unt.edu.