



***Do you oversee technical and scientific approaches for resource management or land use planning and are you looking to better integrate climate change in your work?***  
*(yes, this means you -- land managers, resource managers, public lands liaisons, GIS staff, and consultants!)*

Then please join sponsors EBM Tools Network, NatureServe, & Tijuana River NERR Coastal Training Program at the  
*2011 Headwaters to Ocean (H2O) Conference*  
Catamaran Resort Hotel and Spa on Mission Bay, San Diego

**for a FREE training opportunity!**

**“Assessing Vulnerability to Climate Change: a Conservation Planning Approach”**

Monday, May 23, 2011 from 11:30am – 3:30pm

*This ½-day participatory training will:*

- Provide methodological, technical, and scientific guidance for conducting climate change vulnerability assessment and development of adaptation alternatives for landscape scale planning
- Assist participants in assessing the vulnerability of resources and infrastructure from a variety of stressors including climate change
- Support the enhancement of strategies and options for resource management

*In the training, you will:*

- Acquire key sources of information in the very dynamic area of climate change effects assessment and adaptation planning
- Identify the utility of data and tools in climate change adaptation planning, and apply it to your work
- Become acquainted with the framework and key concepts of an integrated land-sea planning decision support toolkit and the Refuge Vulnerability Assessment (RVA) developed in partnership with US Fish and Wildlife Service

**AGENDA**

- 11:30am – 11:50am Introduction and overview
- 11:50am – 12:30pm The RVA
- 12:30pm – 1:00pm Getting started: the team, the data, the tools
- 1:00pm – 1:15pm Break
- 1:15pm – 2:15pm Technical demonstration
- 2:15pm – 2:45pm Future direction and key sources for ongoing research and development
- 2:45pm – 3:30pm Wrap-up questions and discussion

**For more details about the 2011 H2O Conference, visit [www.coastalconference.org](http://www.coastalconference.org).  
To register for this training, contact Kristen Goodrich, Coastal Training Program Coordinator, at [kgoodrich@parks.ca.gov](mailto:kgoodrich@parks.ca.gov). Priority will be given to conference attendees.**



## MEET THE TRAINERS

**Dr. Patrick J. Crist** is Director of Conservation Planning & Ecosystem Management for NatureServe, an international information technology non-profit organization specializing in the conservation of biodiversity ([www.natureserve.org](http://www.natureserve.org)). Dr. Crist oversees a variety of programs including conservation planning, the EBM Tools Network, and the NatureServe Vista decision support software. His work includes development of methods and toolkits to fit organizations planning needs and working with clients and partners to conduct ecological assessments and integrated planning for areas ranging from local government jurisdictions to large regions. From 1995-2001 he was the National Program Coordinator for the USGS Gap Analysis Program (GAP); a nationwide biodiversity assessment program. He began his GAP career as the New Mexico GAP coordinator. He has a B.S. in landscape architecture from California Polytechnic (1984), an M.L.A. in landscape architecture and regional planning from the University of Pennsylvania (1992), and Ph.D. in Natural Resources (2003) from the University of Idaho.

**Ian Varley** is a Conservation Planner with NatureServe, and in this role manages conservation planning projects, conducts GIS & spatial analyses, and develops and provides training on conservation planning and in the use of NatureServe Vista – a decision support tool that supports land use planning by multiple stakeholders. Previous to working for NatureServe, Ian focused on private land conservation, working with the Land Trust Alliance and Montana Land Reliance. Ian has substantial experience in Latin America, living for five years in El Salvador. Starting with several years in the U.S. Peace Corps, he later transitioned to working for SalvaNATURA, El Salvador's largest environmental non-profit organization. With SalvaNATURA, Ian managed the 2,300 hectare Los Volcanoes National Park. Besides overseeing a group of 11 park rangers, his work afforded him extensive experience coordinating with diverse stakeholder body of local communities, government officials and international-aid entities.