



## **Climate Change Vulnerability Assessment Training Course**

**March 20-22, 2012**

Facilitated by U.S. Fish & Wildlife Service National Conservation Training Center

**Local Sponsor:** National Park Service

**Fort Collins, CO**

### **SPEAKER BIOSKETCHES**

***Kyle Barrett, Ph.D., Postdoctoral Research Associate, Warnell School of Forestry and Natural Resources, University of Georgia, Athens, GA***

**Dr. Kyle Barrett** is a Postdoctoral Research Associate with the Warnell School of Forestry and Natural Resources at the University of Georgia. His scientific focus is largely centered on understanding how anthropogenic disturbances alter habitat quality for vertebrates. Kyle studies issues related to urbanization and climate change from population-, community-, and ecosystem-level perspectives. He is currently working on a climate change vulnerability assessment for coastal vertebrates and habitats in the South Atlantic Landscape Conservation Cooperative and he is leading a team tasked with assessing the vulnerability of North American reptiles and amphibians to climate change. Kyle received his PhD from Auburn University in Auburn, AL, and his MS from Missouri State University in Springfield, MO.

***Jennifer Hoffman, Ph.D., Senior Scientist/Director of Projects, EcoAdapt, Seattle, WA***

**Dr. Jennie Hoffman** is a marine ecologist by training, but has been broadly engaged in the field of climate change adaptation for almost a decade. Her interests include interactions between climate change and other stressors, climate change vulnerability assessment, and adapting conservation and resource management for a changing climate. Dr. Hoffman co-authored and edited *Buying Time: A User's Manual for Building Resistance and Resilience to Climate Change in Natural Systems*, published by WWF in 2003. The *User's Manual* led to the development of Climate Camp workshops, a participant-driven process to help resource managers, conservation practitioners, and others create strategies to adapt their own work to climate change. Jennie has helped lead multiple Climate Camps for participants from around the globe. Along with Dr. Lara Hansen and Eric Mielbrecht, Dr. Hoffman recently started a new organization, EcoAdapt, focused entirely on adapting conservation and resource management to climate change.

***Hector Galbraith, Ph.D., Director, Manomet Center for Conservation Sciences***

**Dr. Hector Galbraith** is Director of the Manomet Center for Conservation Sciences Climate Change Initiative Team. He is one of the leading scientists in the field of evaluating the current and future impacts of climate change on ecological resources and of developing science-based adaptation strategies. The results of his research have been published in over 60 papers and chapters in books and peer-reviewed journals. He has carried out research projects for U.S. federal and state agencies and foundations into the likely impacts of global climate change on ecosystems, including evaluating the potential impacts of sea level rise on coastal ecosystems; how climate change might affect services provided by ecosystems in California and Arizona; developing an analytical framework for assessing species' vulnerabilities to climate change; and predicting the potential impacts of climate change on alpine tundra habitats and animals in the U.S. He has written a major report for the PEW Charitable Trust on the observed effects of climate change in North America, and edited and contributed to a major report from the American Bird Conservancy on ecosystem vulnerability in the San Pedro Riparian National Conservation Area in southern Arizona.

***Bruce Jones, Ph.D., Senior Landscape Ecologist, U.S. Geological Survey National Climate Change and Wildlife Science Center***

**Dr. Bruce Jones** is currently a senior landscape ecologist in the USGS National Climate Change and Wildlife Science Center. His current research interests include interactions between land use and climate change and their impact on ecosystem services and landscape functions, multi-scaled landscape designs that enhance environmental sustainability, vulnerability assessment approaches for biota and ecosystems, and riparian habitat monitoring and assessment using remote sensing. He has served as the USGS Chief Scientist for Biology and Geography. While with the EPA he developed multi-scaled landscape assessment approaches to address a wide range of environmental issues. Bruce also worked in the Office of Endangered Species as a listing specialist for reptiles and amphibians and he started his Federal career 36 years ago working on wildlife surveys and environmental impact assessments for the Bureau of Land Management. Bruce has served on several national-scale committees dealing with ecological research and assessments, including NEON and the Heinz Center State of the Nation's Ecosystems report. He has been involved in landscape research projects in the US, Europe, Australia, and China, including those related to ecosystem services. Bruce served as the President for the International Association for Landscape Ecology (IALE) from 2007 to 2011.

***Danielle LaRock, Applied Landscape Conservation Assistant Course Leader, NCTC, Shepherdstown, WV***

**Danielle LaRock** is a 2011 Presidential Management Fellow, serving in the Applied Landscape Conservation team at the National Conservation Training Center with the U.S. Fish and Wildlife Service. She leads courses on structured decision making, climate change, and works to integrate emerging priorities within the USFWS into courses across NCTC curricula. Danielle recently completed her M.S. in environmental science at Louisiana State University, investigating the effects of Hurricane Katrina on quality of life and environment in New Orleans, LA. Danielle has been an environmental activist since personally witnessing the devastating social and environmental impacts of Hurricane Katrina. She is passionate about education and scientific research pertaining to the management of environmental issues, especially climate change.