

MICHIGAN CHAPTER SWCS 2011 SEMINAR SPEAKER BIOGRAPHIES

Dr. Patrick Doran is currently the Director of Science for The Nature Conservancy in Michigan and the Great Lakes region, where he leads region-wide investigations of conservation priorities in terrestrial and aquatic habitats. This includes the identification and prioritization of important conservation areas, as well as the development and implementation of conservation strategies and measures of success. Additionally, Patrick holds an appointment as an adjunct assistant professor in the Department of Fisheries and Wildlife at Michigan State University. Prior to his position with The Nature Conservancy, Patrick was Wildlife biologist with the Washington Department of Fish and Wildlife and Senior Ecologist/GIS Analyst with The Wildlands Project and Two Countries/One Forest where he developed large-scale conservation plans for the Northern Appalachians. Patrick received his Ph.D. in ecology from Dartmouth College where he studied population and community dynamics of forest breeding songbirds. He also received Master's degrees in ecology and environmental science from Indiana University where he studied the effects of forest fragmentation on bird populations.

Carl F. Lucero is the Deputy Director in USDA's new Office of Environmental Markets (OEM) where he leads the effort in shaping the development of a national environmental infrastructure for emerging carbon, water, wetlands and biodiversity markets. Carl has also led the development of USDA's Policy on Market Based Approaches and was instrumental in the drafting of a new element on Environmental Services and Markets in the 2008 Farm Bill which led to the creation of OEM. Carl came to OEM from NRCS where he was the National Leader for Clean Water and provided policy guidance on water related issues. Carl is a civil engineer with a degree from the University of New Mexico.

Todd Parker manages Delta's Michigan office and coordinates Delta's Michigan carbon programs, including the Michigan Conservation and Climate Initiative and the Managed Forest Carbon Offset Program. He also monitors and develops programs in the areas of pollution prevention, energy efficiency, and sustainable development and serves as lead facilitator for the Lake Michigan Forum, a stakeholder group that provides public input to the U.S. Environmental Protection Agency on issues affecting Lake Michigan. Todd has conducted energy assessments at commercial and industrial facilities and generated community support for energy efficiency retrofits. He has also researched national energy efficiency programs, created protocols to assess contractor qualifications, and developed programmatic frameworks for multi-class energy efficiency financing through the Michigan Saves Loan Program. Todd holds a Bachelor of Science in Forestry from Michigan State University and a Master of Studies in Environmental Law from the Vermont Law School.

Dr. Elizabeth R. Smith (Betsy) is a Senior Research Ecologist with the National Exposure Research Laboratory in Research Triangle Park, NC. Dr. Smith received a B.S. in forestry from The University of the South in 1978, a M.S. in forest biometrics from the University of Tennessee in 1983, and a Ph.D. in ecology from the University of Tennessee in 1990. Prior to joining EPA, Dr. Smith worked with the Tennessee Valley Authority for 14 years in the areas of regional scale monitoring and assessment, research on air pollution impacts to forests, and landscape analyses. Since 1998, Dr. Smith has served as the director of the Regional Vulnerability Assessment Program (ReVA) in the Office of Research and Development. She is a co-leader for EPA's Future Midwestern Landscapes Study.

Dr. Scott M. Swinton is a professor of agricultural, food and resource economics at Michigan State University. His current research explores economic approaches to enhance the provision of ecosystem services from agriculture, including projects with the National Science Foundation's Long-term Ecological Research agroecological site in Michigan and the U.S. Department of Energy Great Lakes Bioenergy Research Center. Scott has authored over 60 journal articles and served as associate editor of five journals, most recently the American Journal of Agricultural Economics and Frontiers in Ecology and the Environment. Scott teaches graduate agricultural production economics and undergraduate ecological economics. He holds degrees from University of Minnesota (PhD), Cornell University (MS), and Swarthmore College (BA).