



Dr. Julia Wondolleck is the collaboration expert on the NSC team, ensuring that advice and guidance to NSC grantees is informed by current research findings and documented best practices for collaboration in the context of science-intensive natural resource management issues. Julia has 30 years of experience researching and practicing collaborative natural resource planning and management, working with federal land and coastal management agencies including many NOAA programs. She is Associate Professor of Environment and Sustainability at the University of Michigan. Julia is an expert in the theories and application of dispute resolution and collaborative planning and decision-making processes involving environmental and natural resource issues. She is the co-author (with Steven Yaffee) of the recently released book: *Marine Ecosystem-based Management in Practice: Different Pathways, Common Lessons* (Island Press, 2017). She has authored or co-authored three additional books: *Making Collaboration Work: Lessons from Innovation in Natural Resource Management* (Island Press, 2000); *Environmental Disputes: Community Involvement in Conflict Resolution* (Island Press, 1990); and, *Public Lands Conflict and Resolution: Managing National Forest Disputes* (Plenum, 1988). She has an undergraduate degree in economics from the University of California, Davis; and a Master's and Ph.D. in environmental policy and planning from the Massachusetts Institute of Technology.

Collaboration Support

Dr. Julia Wondolleck is a collaboration scholar who is a key resource person for NERRS Science Collaborative (NSC) grantees, the NSC team and NERRS staff, in general, on issues and questions regarding effective collaborative process. She provides input to the development of, and feedback on, a variety of NSC program products, such as request for proposals, project reporting guidelines, and collaboration tools to ensure that they reflect "best practices" in collaboration. Julia helps to plan and facilitate the annual project team workshops. Her contributions range from her assessment of the characteristics and lessons learned from the first iteration of NSC housed at the University of New Hampshire to the research on the usability of science being led by Dr. Maria Carmen Lemos. Julia provides collaboration advice to project and NERRS staff requesting help, such as on-site guidance, webinars, and phone consultations.

Julia provides added value to the NERR System by connecting interested reserves to interdisciplinary graduate student masters projects at the University of Michigan's School for Environment and Sustainability. This includes helping reserves to scope appropriate projects, identifying strong student team members, and serving as a University of Michigan faculty supervisor who is familiar with the reserve system. She freely engages with reserve staff at the NERRS/NERRA Annual Meeting about the collaborative dimensions of their work, both specific to NSC projects and more broadly within their communities. Julia provides access to unique expertise otherwise unavailable to the System.

Outputs and Impacts to Date

Julia developed an assessment of the characteristics and lessons learned from the first round of NSC projects administered at the University of New Hampshire that revealed several valuable insights about both the nature of collaborative science in the NERRS as well as the challenges and needs of those undertaking collaborative science. These observations and lessons are detailed in the Working Paper: *NERRS Science Collaborative Projects: An Assessment of Characteristics, Grantee Reflections & Lessons Learned* (Wondolleck, Bengtson, Bouma, April 2017). This document details the types of focal issues, systems and scales of NSC research; nature of the science produced; intended end user engagement; dimensions of the collaborative research process and its impact on final products; and grantee reflections on the influence of end users, challenging aspects of the process, and unexpected experiences. The lessons and insights have helped to inform the support the Science Collaborative provides to grantees, as well as the request for proposal guidance and revised project reporting guidance.

Anticipated Accomplishments over the Next Two Years

Julia will continue to serve as a key collaboration expert on the NSC team. Her advice will continue to inform all aspects of the team's work, and be made available to project teams and reserve staff as requested.

