

**ACES 2014 Morning Workshop 6**  
**December 8, 2014 | 8:00am-11:30am**

**Title: *Incorporating Ecosystem Services Concepts and Measures into Coastal, Marine and Great Lakes Management***

**Description:**

This workshop invites participation from individuals with experience and/or interest in (1) the application of ecosystem service valuation to inform policy, planning, and management; and (2) maintaining a robust community of practice for ocean, coastal, and Great Lakes social science. A combination of presentations, facilitated discussion, exercises, and sharing of resources and results will provide the Interagency Working Group on Ocean Social Sciences with recommendations specific to Ecosystem Services to take forward to the Federal Agencies, and will provide participants with concepts, cases, and networks to further the application of their own work.

The application of social science has been recognized as a priority for effective ocean and coastal management, driving much discussion and fostering emerging efforts in several areas. The Interagency Working Group on Ocean Social Science (IWG-OSS) is tasked with assisting the Subcommittee on Ocean Science and Technology and Ocean Resource Management Interagency Policy Committee to integrate social science into ocean, coastal, and Great Lakes governance structures, agency functions, policies, and decision-making. The working group comprises social scientists representing U.S. federal agencies with ocean-related responsibilities. The IWG-OSS provides input on how agencies can enhance current policy, management, and research activities through incorporation of social science, and thereby better inform ocean- and coastal-related decision-making.

The working group's efforts are focused on implementing key actions in the National Ocean Policy Implementation Plan including: (1) enhancing our understanding of ocean and coastal systems, and (2) improving science-based products and services for improved decision-making. The IWG-OSS is currently working on the following issues:

- coordinating across scientific and management communities to identify priority social science data needs;
- **using socioeconomic and natural sciences to identify, develop, and apply valuation frameworks for ecosystem services;**
- synthesizing ongoing social indicator efforts that characterize human interactions with the ocean, coasts, and Great Lakes, and providing recommendations for application to inform long-term trend analyses and integrated ecosystem assessments for coastal communities.

In this workshop, members from the IWG-OSS will engage participants with presentations, discussion, and exercises to illicit participant perspectives on status of ecosystem services research and application in natural resource decision-making with a specific focus on the use of this valuation technique for the management of our nation's oceans, coasts and Great Lakes. The objectives of this workshop are to identify lessons learned, and next steps for furthering the use of ecosystem services science in the implementation of the National Ocean Policy.

Participants will have opportunity to share their own work, their thoughts about challenges, barriers, and opportunities, and to discuss the role of government agencies, NGOs, academia, and industry in fostering and facilitating inclusion of ecosystem service valuation in ocean and coastal policy, planning, and management. Additionally, they will have opportunities to coordinate/develop partnerships across existing networks and projects to meet National Ocean Policy goals, leverage existing capacity/expertise within the coastal management and partner community, and articulate lessons learned and best practices... What works? What doesn't? Why?

**Target Audience:**

This workshop invites participation from individuals with experience and/or interest in (1) the application of the ecosystem service approach to inform policy, planning, and management; (2) experience or need in applying ecosystem service functions and measures in real decisions around coastal, marine, and great lakes management; and (3) maintaining a robust community of practice for ocean, coastal, and Great Lakes social science.

**Workshop Structure (total of 3 hours and break):**

<b>Agenda</b>	<b>Time &amp; Duration (min)</b>	<b>Format</b>
Introductions	8:00-8:15 (15)	exercise
Overview of IWG-OSS and setting the stage for this workshop	8:20-8:35 (15)	plenary, with powerpoint
Where are we at?- Participant Perspectives	8:40-9:20 (40)	participant 2 slide talks using preset format
Discussion #1: Visions	9:20-9:30 (20)	Facilitated breakout discussions, using input provided by participants both prior to workshop & in session
Break	9:30-10:00 (30)	
Discussion #2: Practical steps	10:00-10:30 (30)	Facilitated breakout discussions
Discussion #3 : Actions- Implementing ecosystem services within the National Ocean Policy and your work	10:30-11:10 (40)	Interactive exercise and report outs
Wrap up and moving forward	11:10-11:30 (20)	Powerpoint and plenary discussion

**Workshop Organizer(s):** The Interagency Working Group on Ocean Social Sciences- Marilyn Buchholtz ten Brink (U.S. Environmental Protection Agency, Office of Research and Development), Tracy Rouleau (National Oceanic and Atmospheric Administration, Office of Program Planning and Integration), and Thomas E. Fish (U.S. Department of the Interior, National Park Service)

This workshop is convened by the Interagency Working Group on Ocean Social Sciences, through the co-chairs Marilyn ten Brink, Tom Fish, and Tracy Rouleau.

**Qualifications:**

Qualifications for the convener(s) include (1) the IWG-OSS charter as a Federal interagency working group under the executive office and the IPC-SOST and IPC-ORM. The Interagency Working Group on Ocean Social Science (IWG-OSS) is tasked with assisting the Subcommittee on Ocean Science and Technology (SOST) and Ocean Resource Management (ORM) Interagency Policy Committee to integrate social science into ocean, coastal, and Great Lakes governance structures, agency functions, policies, and decision-making.

The working group comprises social scientists who are formally representing U.S. federal agencies with ocean-related responsibilities. The IWG-OSS provides input on how agencies can enhance current policy, management, and research activities through incorporation of social science, and thereby better inform ocean- and coastal-related decision-making.

The working group’s efforts are focused on implementing key actions in the National Ocean Policy Implementation Plan including: (1) enhancing our understanding of ocean and coastal systems, and (2) improving science-based products and services for improved decision-making. The IWG-OSS is responsible for an Action with the NOP to demonstrate and promote the use of Ecosystem Services. The co-conveners for this session (Fish, Rouleau, and ten Brink) are currently the three co-chairs of the IWG OSS and each holds a leadership position within their own agency in the research and/or application of ecosystem services.

Role	Presenter/Discussions	Email & Mailing Address	Phone
Convener	Marilyn Buchholtz ten Brink	<a href="mailto:tenbrink.marilyn@epa.gov">tenbrink.marilyn@epa.gov</a>	401-782-3078
		Special Assistant to the Director, US EPA Office of Research and Development, Environmental Effects Research Laboratory, Atlantic Ecology Division, 27 Tarzwell Dr., Narragansett, RI. 02882	
Co-Convener	Tom E. Fish	<a href="mailto:Tom_Fish@nps.gov">Tom_Fish@nps.gov</a>	202.208.5972
		National Coordinator, Cooperative Ecosystem Studies Units Network, U.S. Department of the Interior, Main Building; 1849 C Street NW, Room #2737   Washington DC 20240	
Co-Convener	Tracy Rouleau	<a href="mailto:tracy.rouleau@noaa.gov">tracy.rouleau@noaa.gov</a>	240-533-9027

		Sr. Social Science Advisor, Deputy to the Chief Economist, PPI/National Oceanic and Atmospheric Administration, 1315 East West Highway, Rm 15710, Silver Spring, MD, 20910	
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Each registered participant will be asked to complete a pre-workshop exercise and to bring 2 slides about their own work to present in the workshop. Conveners will solicit participation that represents both research scientists and decision-makers who may use ecosystem services concepts and data through targeted invitations in addition to the ACES postings.