

ACES 2014 Afternoon Workshop 7
December 8, 2014 | 1:00pm-4:30pm

Title: *Ecosystems and Community/ Tribal Social-Ecological Systems*

Description:

This workshop highlights the need for ensuring that local community (e.g. Tribal) social and cultural values are accommodated, and that local communities' (especially Tribal) are being empowered to guide the outcomes of both local natural resource management, as well as local ecosystem restoration objectives.

Agenda:

- 1:00-1:10 **INTRODUCTIONS** (Presenters and Attendees)
- 1:10-1:30 **SOCIAL-ECOLOGICAL SYSTEMS CONCEPTUAL OVERVIEW (incl. CULTURAL ECOSYSTEM SERVICES).** 20 minutes. *Jeffrey Thomas, MS Candidate* - Timber, Fish & Wildlife Program/Puyallup Tribe of Indians, Tacoma, WA. USA. Key concepts for facilitating the integration of ecosystem service principles with local natural resource-based values and needed community (especially Tribal) empowerment will be highlighted.
- 1:30-1:50 **SPATIAL MODELING OF SOCIAL VALUES FOR ECOSYSTEMS (with SolVES Software).** 25 minutes. *Darius Semmens, PhD* - USGS Geosciences and Environmental Change Science Center, Denver, CO. USA. A GIS application (SolVES) which incorporates quantified and spatially explicit measures of social values into ecosystem service assessments will be presented. Users can define their own social values and public uses, model any number of and type of environmental variables, and modify the spatial resolution of the analysis.
- 1:50-2:30 **DEVELOPING CULTURALLY RELEVANT SOCIAL INDICATORS (Job Satisfaction).** 40 minutes. *Richard Pollnac, PhD* - University of Rhode Island, Kingston, RI. USA. Developing job satisfaction indicator(s) via user-based responses combined with progressive culturally-relevant refinements will be highlighted. *A brief interactive exercise will be included.*
- 2:30-3:00 **BREAK.**
- 3:00-3:15 **CONSERVING HABITAT and TRADITIONAL USE (Nushagak Watershed & Bristol Bay, AK).** 15 minutes. *Susan Flensburg* - Bristol Bay Native Association, Dillingham, AK. USA. The Nushagak River Watershed Traditional Use Area Conservation Plan developed using traditional ecological knowledge obtained via interviews - and consisting of water and land resources conservation strategies and corresponding projects - will be highlighted. (Accomplishments include Watershed Council recognition by the International River Foundation.)
- 3:15-3:30 **DEVELOPING RESPONSE INDICATORS OF INDIGENOUS HEALTH (Skagit Watershed & Swinomish Tribe, WA).** 15 minutes. *Jaime Donatuto, PhD* - Environmental Health Specialist/Swinomish Tribe, La Conner, WA. USA. *A brief interactive exercise will be included.*
- 3:30-4:00 **HUMAN SOCIAL INDICATORS (& the Human Ecosystem Model).** 30 minutes. *Gary Machlis, PhD.* - University of Idaho, Moscow, ID. USA (& Science Advisor to the Director/National Park Service). Human ecosystem modeling concepts with a focus upon developing and using human social indicators will be highlighted. *A brief interactive exercise will be included.*
- 4:00 **ADJOURN** [*Please attend the "Ecosystem Services and Human Well-Being" Concurrent Session scheduled for Monday (12-9/3:45-5:30 pm).* It has been organized to deliberately complement this pre-Conference Workshop session on Ecosystems & Community/Tribal Social-Ecological Systems.]

Workshop Organizer:

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