



National Park Service - Southwest Alaska Network Inventory & Monitoring Program

Understanding How Park Ecosystems Are Changing 3rd Biennial Long-term Monitoring Symposium

Alaska SeaLife Center, Seward
April 1, 2009

Afternoon Presentations (Bear Mountain Room) -- 12:30-4:30 p.m.

- 12:30 Welcome and Introduction
- 12:45 Introduction to the Symposium
- 1:00 Glaciers in Kenai Fjords National Park in the Context of Global Glacier Changes
- 1:30 Salt Marsh Monitoring in Lake Clark and Katmai
- 2:00 A Long-term Perspective of Salmon Ecosystems in SWAN
- 2:30 Break
- 3:00 Vegetation Change in Kenai Fjords National Park
- 3:20 Sea Otters - from the Aleutians to Katmai
- 3:40 Marine Bird Surveys in Katmai and Kenai Fjords
- 4:00 Harbor Seals: Long-term Monitoring in Kenai Fjords
- 4:30 Dinner on your own (4:30-6:00 pm)

Presenter:

Jeff Mow
Michael Shephard
Dorothy Hall
Torre Jorgenson
Bruce Finney

Amy Miller
Jim Bodkin
Heather Coletti
Ann Hoover-Miller

Evening Program (Auditorium) -- 6:00-8:30 p.m.

- 6:00 Poster presentation in seminar room, Hors d'oeuvres and desserts
- 7:00 Keynote Presentation: Historic Insect Outbreaks in Katmai and Lake Clark

Presenter:

Rosemary Sherriff

Evening Poster Session (Seminar Room) -- 6:00-8:30 p.m.

- Long-term Ecological Monitoring in the Southwest Alaska Network
- Simulations and Field Data Guide Development of Vegetation Monitoring in the Southwest Alaska Network
- Nearshore Monitoring in the Southwest Alaska Network
- Developing Effective Sampling Designs for Monitoring Natural Resources
- Water Quality Monitoring in Glacial Systems
- Using Satellite Imagery to Monitor Change in Glacial Extent in Kenai Fjords NP and Katmai NPP
- How's the Weather? Remote Automated Weather Stations in the Southwest AK Network
- Lost? Geotagging and Organizing Oblique Aerial Digital Photographs in a GIS
- Salt Marsh Monitoring in Lake Clark and Katmai
- New Satellite-based Methods to Document Landscape-scale Changes in Western National Parks
- Historic Mercury Occurrence in Lake Sediments from Anadromous and Nonanadromous Systems in Southwest Alaska
- Modeling the Distribution of Rare Plants in Southwest Alaska to Identify Rarity Hotspots and Guide Future Floristic Inventory Efforts
- Breeding Bird Survey in Aniakchak National Monument and Preserve
- Kenai Fjords National Park Landcover Classification
- Alder Mortality in Katmai National Park and Preserve
- Developing a Predictive Model for Describing the Breeding Habitat of Black Oystercatchers in Kenai Fjords
- Late Pleistocene Glacial Retreat Isolated River Otter Populations Along the Pacific Coast

Presenter:

SWAN
Amy Miller

Heather Coletti
Bill Thompson
Jeff Shearer
Bruce Giffen

Chuck Lindsay
Chuck Lindsay
Torre Jorgenson
Robert Kennedy

LeeAnn Munk

Helen Cortez-Burns

Dan Ruthrauff
Parker Martyn
Tina Boucher
Brooke McFarland

Merav Ben-David

*The Southwest Alaska Inventory & Monitoring Network (SWAN) is an office of the National Park Service dedicated to providing the scientific foundation for effective, long-term protection and management of natural resources in five units of the national park system. **Resource inventories** inform park managers about the diversity of the resources held in trust and **long-term monitoring** provides information on the condition of natural resources and how they are changing. Collectively, this information will allow park managers and others to make informed decisions in support of protecting and managing national parks.*

