

Supporting Materials

ShoreZone: An Inventory and Photographic Record of Coastal Habitats in Alaska and the Pacific Northwest

Brief Tutorial Description:

ShoreZone is an imaging and coastal classification project that, with contributions from over 60 partners, has been gradually cataloging information about coastlines in the Pacific Northwest since 1979 and Alaska since 2001. The ultimate goal of the ShoreZone program is to collect aerial imagery and habitat classification characteristics for all of coastlines from California to Alaska's North Slope, and to make the imagery and the data both "physically and intellectually" accessible to everyone. Attend this session to learn how you can use ShoreZone to "fly the coastline" (aerial video), view still photos, access biophysical data using the interactive website, and use ShoreZone data to for a wide range of applications. Participants are encouraged to bring laptop computers with them to follow along during live demonstrations.

Content Details:

Half- day presentation, 8:30 am – 12:00 pm (3.5 hours)

8:30 – 9:15 am	History and overview of ShoreZone imagery and data (Sue Saupe and Cindy Hartmann Moore)
9:15 – 9:45 am	Coastal mapping and complimentary datasets (Nicole Kinsman)
9:45 – 10:15 am	Networking Break
10:15 – 11:00 am	Live demo: Accessing the ShoreZone imagery and data online (Sue Saupe)
11:00 – 11:45 am	ShoreZone applications and uses for coastal management (Sue Saupe and Cindy Hartmann Moore)
11:45 am – 12:00 pm	Questions and wrap-up

Presenters: (*Curriculum Vitae* for all presenters attached)

1) Susan Saupe

Director of Science and Research, Cook Inlet Regional Citizens Advisory Council

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Susan Saupe received a B.S. in Chemistry (1985) and an M.S. in Chemical Oceanography (1990) from the University of Alaska Fairbanks. During the mid- to late 1980s, she worked on multiple stable isotope food-web studies in the Bering, Chukchi, and Beaufort seas, including her thesis "Nutrient dynamics and carbon supply to the north Aleutian Shelf nearshore ecosystem." In 1988, she moved to Woods Hole, MA, to work with a team developing stable isotope methods for assessing dissolved organic flow through east coast estuarine ecosystems. She returned to Alaska to conduct damage assessment studies for the University of Alaska Fairbanks following the Exxon Valdez Oil Spill until 1996 when she joined Cook Inlet RCAC's staff. Since joining Cook Inlet RCAC, Ms. Saupe has developed a multi-disciplinary science program with multiple

funding sources and partnering organizations. She was also the Lead Scientist for the first surveys of Alaska's Environmental Monitoring and Assessment Program and initiated a web-based ShoreZone coastal mapping program in Cook Inlet and surrounding areas that has since developed into a state-wide program sponsored by NOAA.

2) Dr. Nicole Kinsman

Alaska Regional Advisor, NOAA/NOS/National Geodetic Survey
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Dr. Kinsman is Alaska's Regional Advisor at NOAA's National Geodetic Survey (NGS). Based in Anchorage, she is available to provide technical guidance on geospatial positioning topics in support of activities such as mapping and charting, navigation, flood risk determination, transportation, land use and ecosystem management. She formerly managed the State of Alaska DGGS Coastal Hazards program for 5 years, is an affiliated faculty member at the University of Alaska Fairbanks, and presently serves as a technical advisor on the ShoreZone Steering Committee.

3) Cindy Hartmann Moore

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Cindy Hartmann Moore is a fish biologist with the National Oceanic and Atmospheric Administration's National Marine Fisheries Service, Habitat Conservation Division, in the Alaska Region in Juneau, Alaska. Cindy has been actively involved in ShoreZone since 2005. Her ShoreZone activities include being a contracting officer's representative on ShoreZone imaging and mapping contracts, being a member of the ShoreZone Steering Committee, actively seeking ShoreZone partners, and doing ShoreZone planning and outreach.