An NGO Perspective on Implementation of the EA in the Arctic: Progress and Possibilities

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Ocean Conservancy™



Image: Paul Yancey



- 1. Why EA?
- 2. What do we mean by EA?
- 3. Progress on EA implementation in the Arctic
 - National U.S.
 - International
- 4. Possibilities: What are Next Steps & Opportunities

Image: Richard Rothstein

Why an Ecosystem Approach?



Change is Here

Image: Andrew Hartsig



Image: NOAA

Image: U.S. Coast Guard/Sara Francis

ULLUK

Getting it Right

C. Martin

Image: U.S. Geological Survey

Vision

Arctic Marine Strategic Plan

Healthy, productive, and resilient Arctic marine ecosystems that support human well-being and sustainable development for current and future generations.

Image: Jomilo75

Ecosystem Approach

Arctic Council Definition

The ecosystem approach is the comprehensive integrated management of human activities based on the best available scientific and traditional knowledge about the ecosystem and its dynamics, in order to identify and take action on influences which are critical to the health of ecosystems, thereby achieving sustainable use of ecosystem goods and services and maintenance of ecosystem integrity.





Image: PAME

Ecological Quality Objectives Ecological Quality Objectives





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Arctic Boundary as defined by the Arctic Research and Policy Act (ARPA)

All United States and foreign territory north of the Arctic Circle and all United States territory north and west of the boundary formed by the Porcupine, Yukon, and Kuskokwim Rivers; all contiguous seas, including the Arctic Ocean and the Beaufort, Bering and Chukchi Seas; and the Aleutian chain.¹



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US National Ocean Policy



Image: Whitehouse.gov



Image: Data.gov

Photo: Chris Miller, ASMI.





Image: NOAA



Ecosystem Based Fishery Management in N. Pacific



Arctic FMP



International Arctic

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LME Map: PAME





Image: Susan Humphris, Woods Hole Oceanographic Institution)

Possibilities







Indigenous peoples of the Arctic countries



Note: For the USA, only paceliae in the State of Alexiaa are shown. For the Busitan Faderation, only paceliae of the North, State are informed and the state are shown. And and an another and a state are shown. Majority populations of independent states are not shown not even when they form minofields in digitant controls in the state are shown. Areas show colours according to the original impages of the respective displacets project, we fit they for not pack these shapeds today. Developing populations are on shown. The map does not claim to show according to pack the shaped states are appead in the show according to the original group. In the Busine Federation, independe packet are a special status only when in the Busine Federation. Independe packet are a special status only when in grown.



Opportunities: Marine Cooperation

Image: U.S. Fish and Wildlife Service

Opportunities: Important Marine Areas



Questions?

Image: NASA