Premise:

Rapid changes in climate are altering ice and snow cover

Consequences for:
Arctic ecosystems,
Indigenous societies, and
Global climate.
NATIONAL OCEAN POLICY
PRIORITY OBJECTIVES

Ecosystem-Based Management
Inform Decisions and Improve Understanding
Observations, Mapping, and Infrastructure
Coordinate and Support
Regional Ecosystem Protection and Restoration
Resiliency and Adaptation to Climate Change and
Ocean Acidification
Water Quality and Sustainable Practices on Land
Changing Conditions in the Arctic
Coastal and Marine Spatial Planning
EBM definition (NOAA)

..an integrated approach to management that considers the entire ecosystem, including humans. The goal ......is to maintain an ecosystem in a healthy, productive and resilient condition so that it can provide the services humans want and need. EBM does not focus on a single species, sector, activity or concern; it considers cumulative impacts of different sectors.
(a) facilitate orderly and efficient decision making regarding the issuance of permits...........
(b) ensure coordinated schedules and progress of agency regulatory and permitting activities..
(c) facilitate the sharing of application and project information among agencies........;
(d) ensure sharing & integrity of scientific & environmental information & cultural & TK...;
(e) engage in long term planning & ensure coordination with the appropriate Federal entities;
(f) coordinate Federal engagement with States, localities, and tribal governments..........
(g) collaborate on stakeholder outreach; and
(h) promote interagency dialogue with respect to communications with industry........
IWG / NOC joint initiative: ecosystem-based management for Arctic

- Integrated Arctic Management

......a science-based, whole-of-government approach to stewardship and planning in the U.S. Arctic that integrates and balances environmental, economic, and cultural needs and objectives. It is an adaptive, stakeholder-informed means for looking holistically at impacts and sensitivities across the U.S. Arctic and generating sustainable solutions.