

# Marine Arctic Ecosystem Study (MARES)

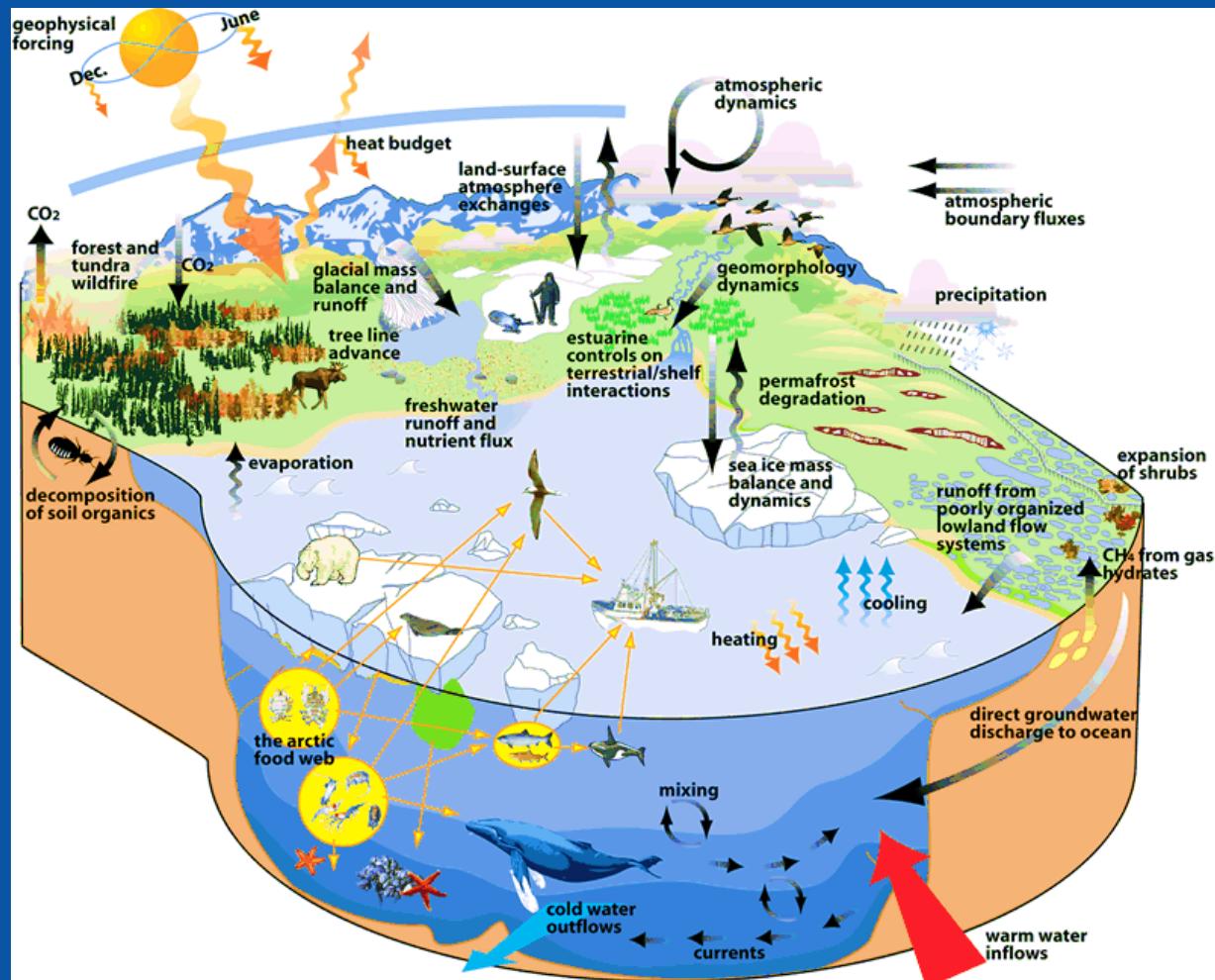
Primary funding agency: Bureau of Ocean Energy and Management (BOEM)

Contracted through :  Stantec

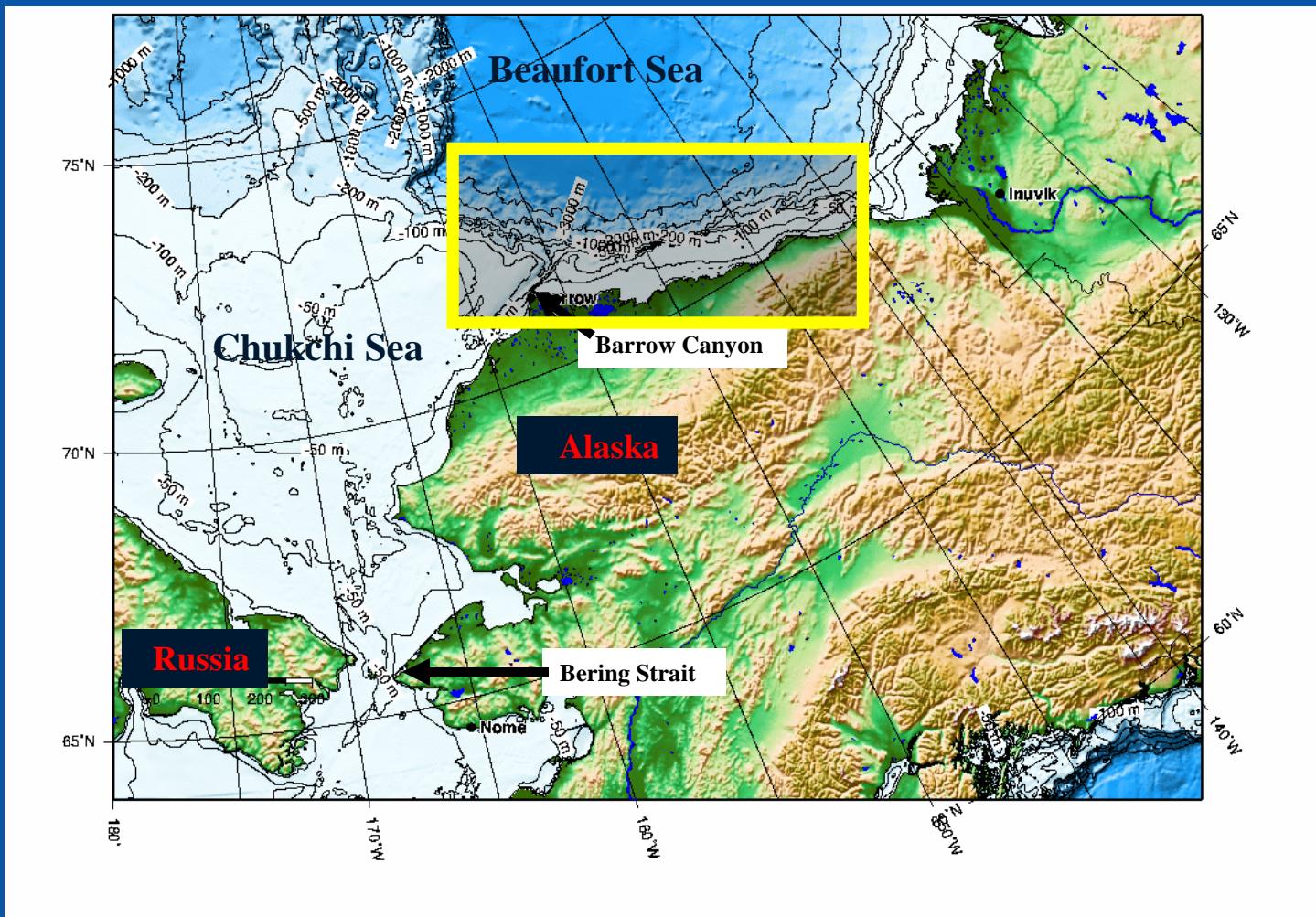


# Ecosystem Dynamics and Monitoring of the Beaufort Sea: An integrated-science approach

- Conceptual Framework and Scientific Priorities
- Physical Drivers
  - Ice/Atmosphere
  - Freshwater Inputs
- Physical Oceanography
- Chemical Oceanography
- Biological Oceanography and Benthos
- Fish and Trophic Linkages
- Marine Mammals
- Community-based monitoring
- Coupled Modeling

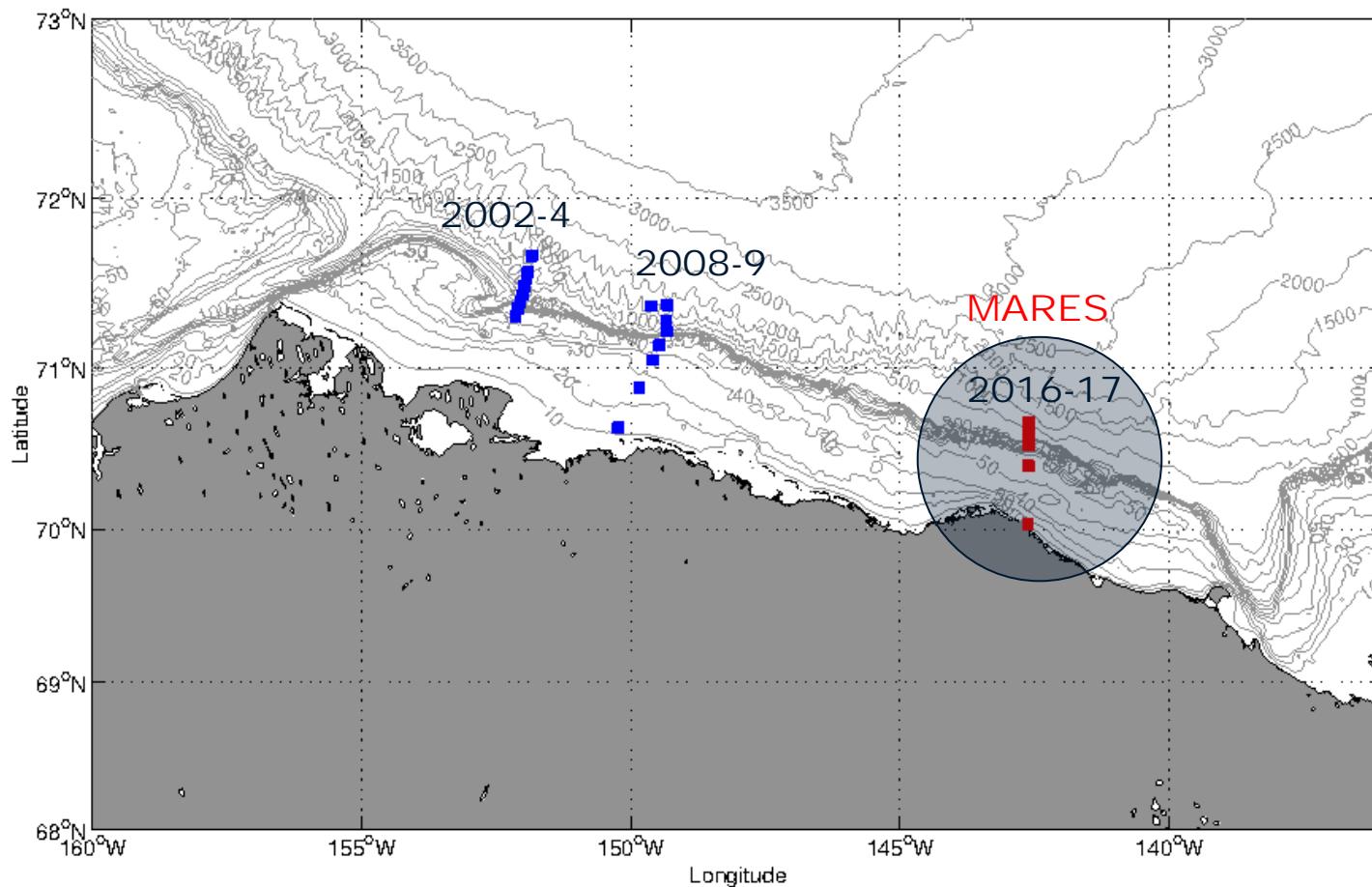


# Geographical setting of MARES

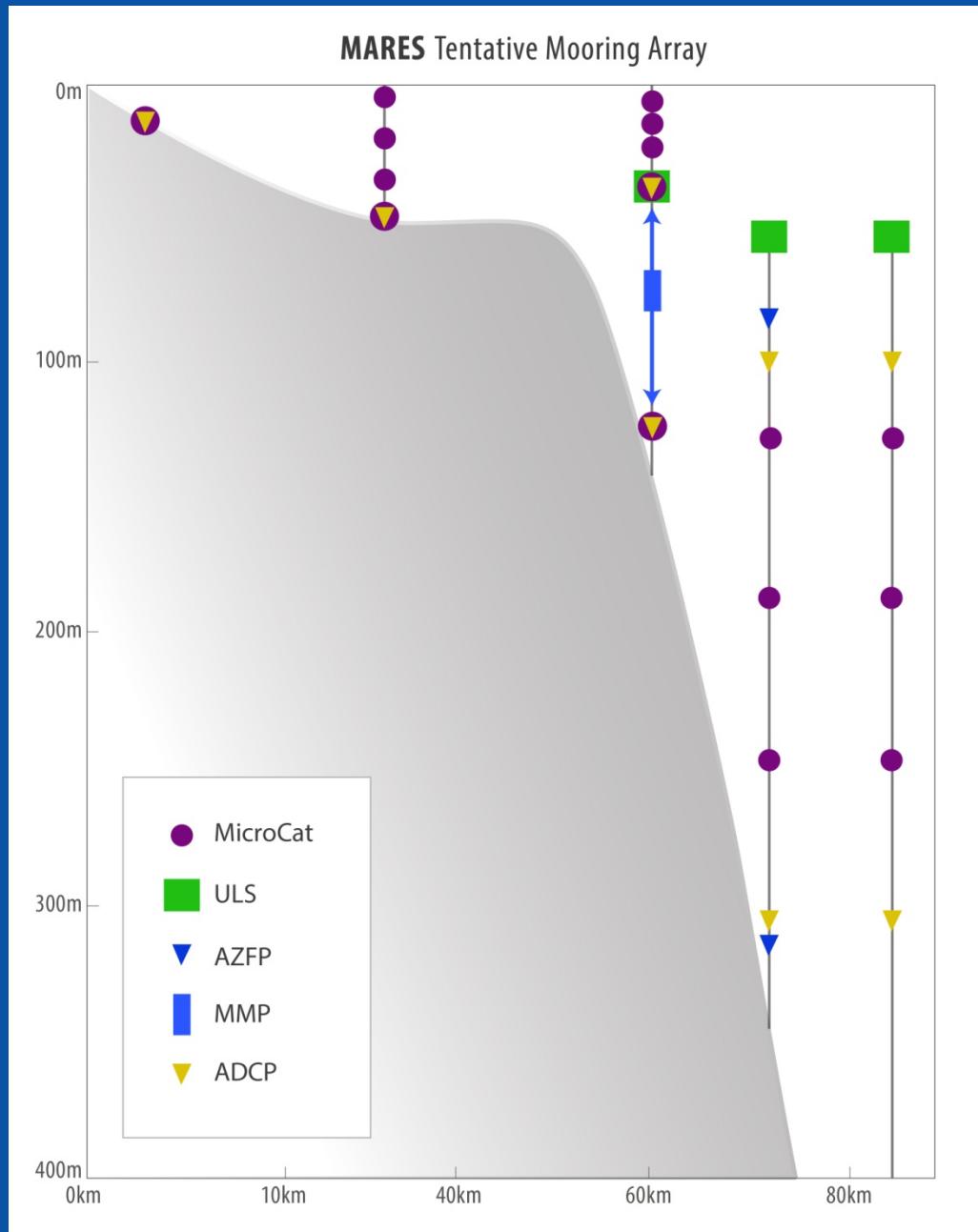


# Mooring component of MARES

Mooring arrays across the Beaufort shelf/slope



## Cross-section view of the MARES array



# Mooring work to be done on a USCG buoy tender



# Possible biophysical survey in early-summer 2016 on *Healy*

