

# Beaufort Regional Environmental Assessment (BREA)

A partnership among Inuvialuit, industry, governments, regulators and academia to prepare for oil and gas activity in the Beaufort Sea

[www.BeaufortREA.ca](http://www.BeaufortREA.ca)

***Building a strong knowledge base to support regulatory decisions on offshore oil and gas activity***

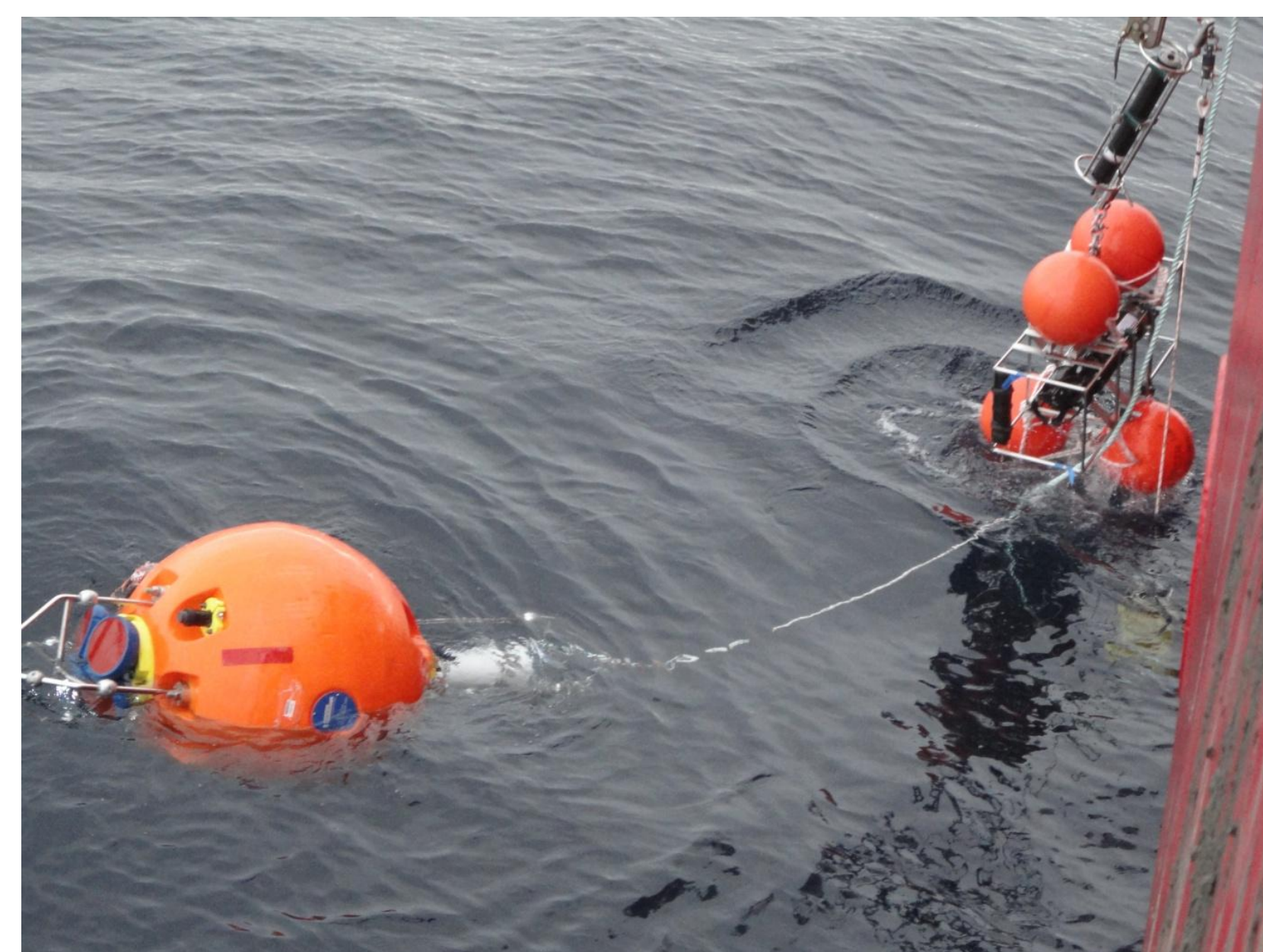
## Objectives

- ✓ Integrate regional scientific and socio-economic information with traditional knowledge to simplify project-level environmental assessments
- ✓ Engage communities and advance their priorities for oil and gas preparedness
- ✓ Strengthen integrated management

## Research Projects

BREA is funding 23 research projects that will provide regional information to contribute to oil and gas management in the Beaufort Sea

- Baseline fish information (3 projects with Fisheries and Oceans Canada, ArcticNet, University of Manitoba)
- Coastal and marine birds (2 projects with Environment Canada, Upun-LGL)
- Biological information for oil spill response (1 project with SL Ross)
- Coupled ocean-ice-atmosphere modeling and forecasting (4 projects with Fisheries and Oceans Canada, Environment Canada, ArcticNet, IMG-Golder)
- Sea Ice types and extreme ice features (7 projects with University of Alberta, University of Manitoba, University of Waterloo, National Research Council, CCore, Environment Canada)
- Geosciences, offshore geohazards and coastal processes (2 projects with Natural Resources Canada)
- Worst-case environmental design limits for ice (1 project with Natural Research Council)
- Community priority – Polar bears and Coastal monitoring (2 projects with Joint Secretariat, Inuvialuit Game Council, Fisheries Joint Management Committee)
- Pilot web based geospatial analysis tool (1 project with Environment Canada)



## Working Groups

Six working groups are addressing key regional priorities in the Beaufort Sea

- 1 - Social, Cultural and Economic Indicators (lead: Inuvialuit Regional Corporation)  
Collect baseline data, conduct research and establish indicators
- 2 - Oil Spill Preparedness and Response (lead: National Energy Board, Aboriginal Affairs and Northern Development Canada)  
Assess community roles and needs for oil spill response training ; Roles and responsibilities for oil spill response
- 3 - Climate Change (lead: Environment Canada)  
Oil and Gas Exploration & Development Activity Forecast for the Beaufort Sea 2012-2027 ; Assess impacts of climate change on oil and gas operations/activities
- 4- Cumulative Effects (lead: Aboriginal Affairs and Northern Development Canada)  
Develop a cumulative effects management framework
- 5 - Waste Management (lead: Environment Canada and Government of Northwest Territories)  
Develop a regional waste management strategy
- 6 - Information Management (lead: Aboriginal Affairs and Northern Development Canada)  
Website, hosted by Joint Secretariat; Make BREA metadata and data accessible through Polar Data Catalogue and the Hydrocarbon Impacts Database

For more information, contact

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