

Breakout Session #4 – Cross-Cutting Issues  
Tuesday p.m., 8 October 2013  
International

Best Case Scenario (5-10 yrs)

- Unimpeded access to all areas of the Arctic, especially with future UNCLOS implications
- Coordinated international and interagency research with common science objectives but funded nationally, ie country funds its own scientists
- Co-ordinated international science objectives and logistics, e.g., reduce redundancies in Beaufort Sea measurements
- Examples of what has worked or headed in that direction
  - IODP; NSF-International project in Antarctica
  - INTERACT funds scientists to work at foreign field stations – money is for common use of research infrastructure – strongly facilitates interdisciplinary and international cooperation and coordination
  - CHARS is working with many countries to coordinate research in Canada, e.g., NASA-CHARS coordination to develop mutual objectives, research ask coordinated, logistics and other costs shared

# Actionable Steps to meet the Best Case Scenario

- Arctic Council – support international group to establish common high level goals for circum-polar social and bio-physical research
- FARO organizes funders to discuss where icebreakers are going; this could be expanded to work more broadly for broader initiatives
- EU 2020 a good model, can we move it to the Arctic?
- provide funds for short-fuse opportunities for researcher salaries for participation in international science expeditions
- develop international agreements to alleviate costs and other issues (e.g., export agreements) getting science samples and gear into and out of the field – disincentive to international science!!!!
- develop a mechanism for sharing international archival data exchange, e.g. bathymetric data; make US data sharing tools broadly available - ACADIS
- improve sharing of satellite imagery – US data is free but other countries charge