

Mission

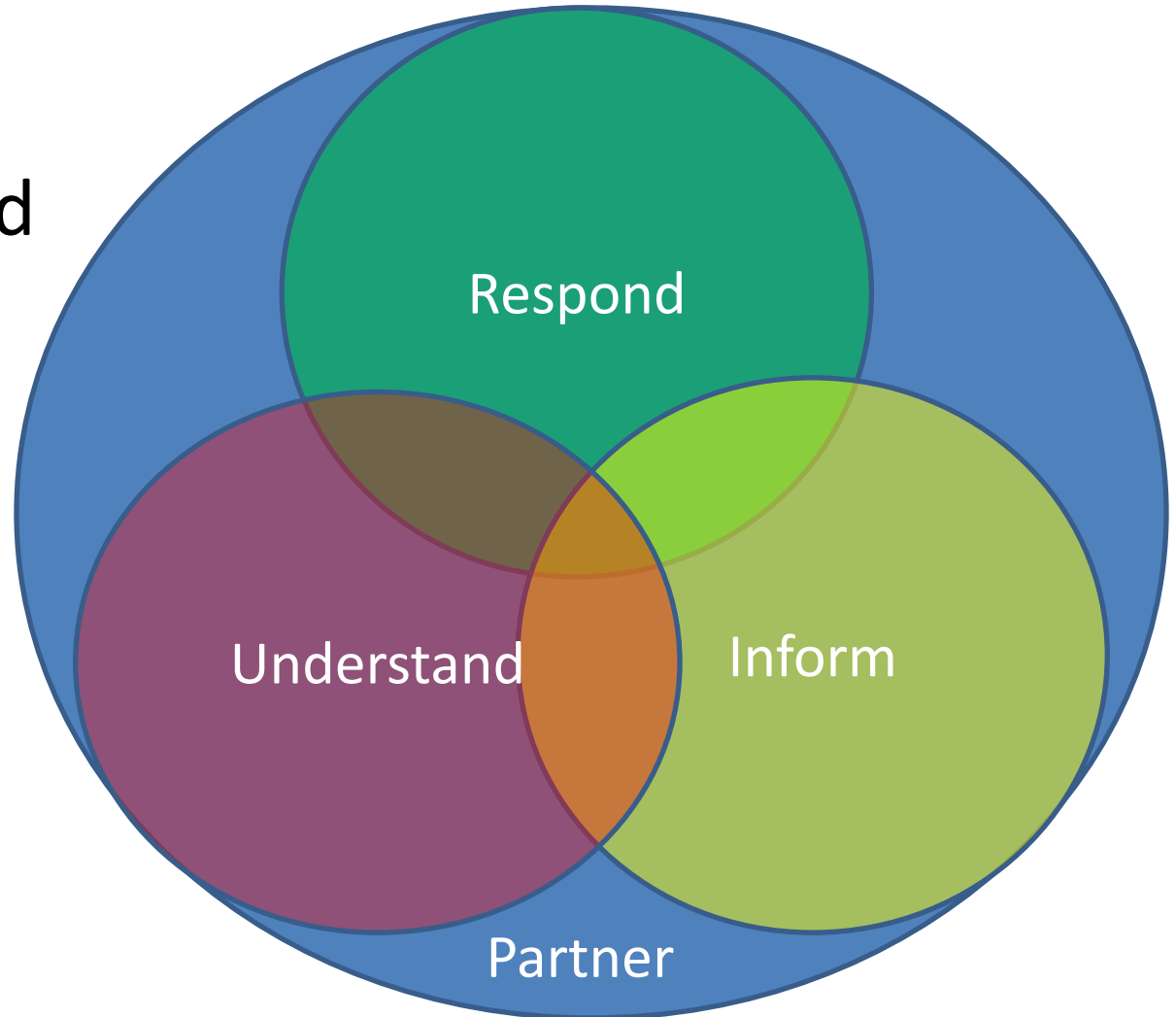
Support research, education, and demonstration projects designed to ~~deal with~~ **respond to** and understand the effects of oil spills in the Arctic and sub-Arctic marine environments

Values

- Knowledge:
- Creativity:
- Achievement:
- Credibility:
- Teamwork:
- Competence:
- Communication:
- Ethics:

Goals

- Understand
- Respond
- Inform
- Partner



Understand

Attain an interdisciplinary understanding of the fate of spilled oil and ~~the~~ **its** effects on Arctic and sub-Arctic marine environments to enable detection **of damaged environments** and **their** subsequent recovery.

- Evaluate short and long-term effects
- Identify chemical, biological, and physical impacts and consequences, **particularly in the nearshore region**
- ~~Emphasize the nearshore region~~
- Identify the impacts of oil spill response options
- Profile potential impacts from oil spills on the economy, life-style and well-being of communities and resource users.

Respond

Enhance the ability of oil spill responders to mitigate impacts of spills in Arctic and sub-Arctic marine environments.

- Fill knowledge gaps on behavior of spilled oil
- Fill knowledge gaps on use and effectiveness of specific mitigation techniques
- Identify and evaluate new prevention and response technologies

Inform

Inform and educate the public on the issues of oil spill prevention, response, and impacts

- Publish scientific and technical results in open literature
- Brief oil spill removal organizations on OSRI projects
- Facilitate the exchange of information and ideas through workshops and other forums
- Educate future researchers and responders through K-12 programs, undergraduate internships, and graduate fellowships
- Convey information to the general public through various media

Partner

Partner with other organizations to take advantage of shared funding, facilities, knowledge, and experience.

- Collaborate with other partners in achieving long-term coastal and ocean observing systems for Alaska
- Coordinate with the efforts of other programs related to OSRI's mission
- Expand OSRI's involvement in Arctic research through partnership opportunities