

## Evaluation of In-Situ Response Options

### Request for proposals

The Oil Spill Recovery Institute (OSRI) in Cordova, Alaska is interested in evaluating historic information associated with in-situ response options in the Arctic. We recognize that the window for response is short in the Arctic due to extreme weather and low light conditions. It is made even more difficult by the lack of infrastructure to support a large shoreline cleanup effort that requires large amounts of personnel and equipment. Therefore, in-situ cleanup techniques, including natural attenuation, need to be considered. There is a body of historic knowledge associated with long-term scientific experiments and spills that have been monitored through time that can be revisited and evaluated to help identify how the shoreline recovers after application of different cleanup techniques.

### Program objectives

OSRI seeks a report and/or decision tree regarding the use of in-situ oil spill response options in the Arctic. The main goal is to interpret the available data on oil persistence from relevant Arctic or “Arctic-like” environments, evaluate the historic findings based on current knowledge, and determine how the project results can be framed to help make decisions to improve the effectiveness of shoreline clean-up in the Arctic. The project is expected to draw on a welth of information from related field experiments and historical spills. For example, the Svalbard Project, BIOS, *Arrow*, *Metula*, *WestWood Annette*, and other spills during which in-situ response options were applied. The desire is to produce a knowledge tree of increasing levels of detail that enable users to progressively access the supporting information and data.

A description of OSRI and our mission and goals is at [OSRI.us](https://osri.us). Grant application materials can be found at <https://osri.us/projects/grant-policy-manual/> with appendices D and F of most importance. OSRI has a single application form for all size grants but does not expect that all areas within the application form will be relevant to every request for proposals.

**The deadline for submitting applications is January 12, 2024.** OSRI has budgeted \$80,000 for this research in FY 24. Funding is anticipated to begin as early as April 1, 2024. Applications should be emailed to [wspogau@pwssc.org](mailto:wspogau@pwssc.org). Applicants are encouraged to contact Dr. Scott Pegau, OSRI Research Program Manager ([wspogau@pwssc.org](mailto:wspogau@pwssc.org)), with any questions regarding this opportunity.