

Accomplishments by goal since 2001

Understand

- Development of a high-resolution meteorological model for Prince William Sound (PWS)
- Development of three 4-D ocean circulation models
- Deployment of 8 meteorological stations
- Maintained an observational oceanography program focused on circulation in PWS
- Completed extensive research on herring, pollock, and zooplankton
- Completed extensive research on the ecology of the Copper River Delta
- Contributed to research on the recovery of river otters in PWS
- Collaborated with NPRB to fund research on the seasonal distribution of forage fish, and tracking of rockfish

Respond

- Provide software for the Alaska Statewide Oil Spill Resource Database
- Deployment of the ice detection radar in Prince William Sound
- Testing of two oil recovery systems in ice conditions
- Collaborated with NOAA to complete Sensitivity index maps for all of Alaska's coasts
- Testing of oil spill response models with the drifter experiment in 2004
- Deployment of six sea-level meteorological stations

Inform

- Sponsor 16 workshops dealing with respond and understand topics
- Development of protocols for the care of oiled migratory birds
- Expansion of the K-12 education Programs
- New undergraduate spill technology scholarship
- 13 Graduate students received fellowships
- 17 peer-reviewed publications in the past 5 years

Partner

- Engaged Advisory Board and Scientific and Technical Committee
- Prince William Sound Demonstration Project with the Alaska Ocean Observing System
- Shared ecological research funding with the North Pacific Research Board
- Cold Climate Partnership Program with CICEET, CRRC, and MMS