







The OGP Arctic Oil Spill Response Technology – Joint Industry Programme

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Arctic Oil Spill Response Technology – JIP Environmental Effects of Arctic Oil Spills and Arctic Spill Response Technologies

Towards a NEBA tool

Shell, Total, ExxonMobil, Conocophilips, Chevron, BP, ENI, Statoil, North Caspian Operating Company, GazpromNeft





Main Project coordinator



Project 2A:

Resilience and sensitivity of Arctic species



Project 2B:

Oil weathering and biodegradation



Project C

Population consequences, acute vs. chronic effects



Project 1
NEBA tool



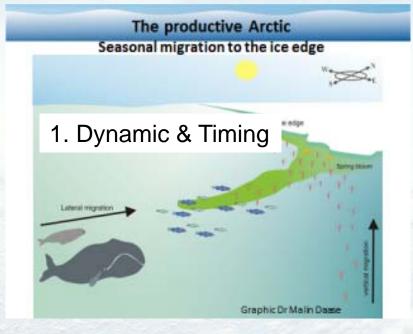
International partners

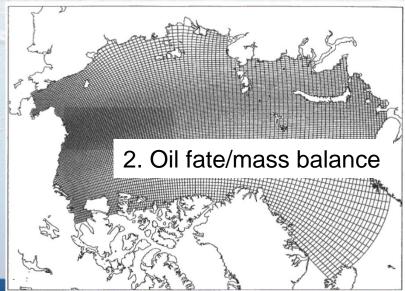
- Akvaplan-niva, IRIS, NORUT, The Norwegian Polar Institute & the University of Tromsø (Norway)
- CEDRE (France)
- IMARES, Wageningen University & Radboud University Nijmegen (Netherlands)
- the University of Laval (Canada)
- Bigelow Laboratories (USA)
- COWI and the Denmark Technical University (Denmark)
- PINRO (Russia)

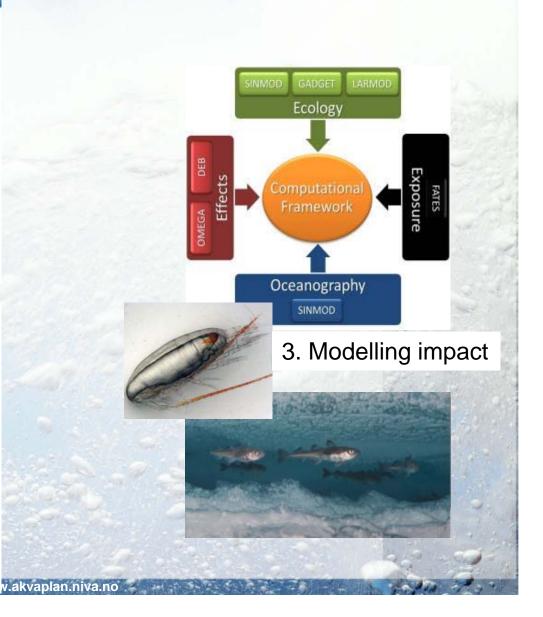




Desk work: Arctic Ecology & modelling









Field work: to study impact of oil and response on ice ecosystem



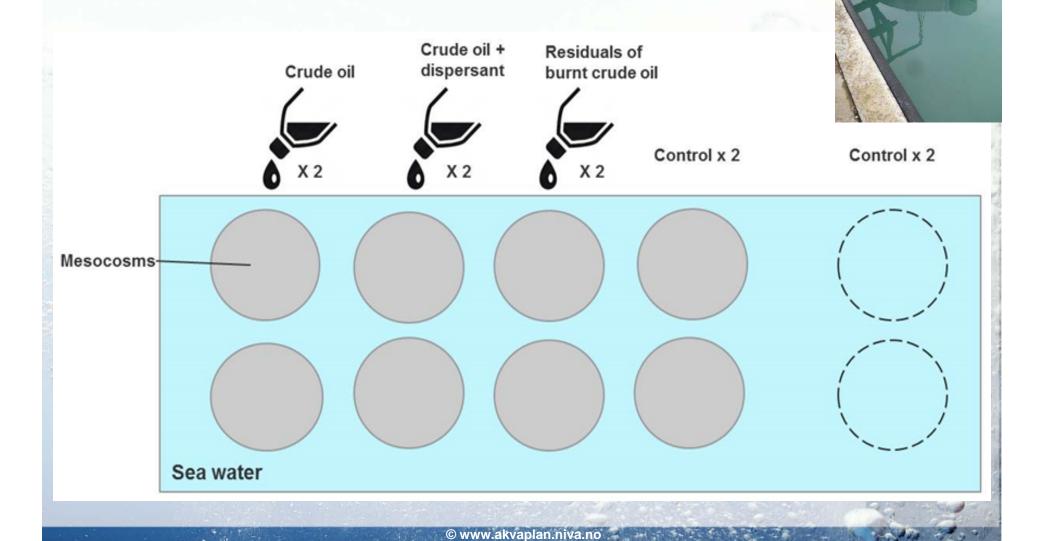


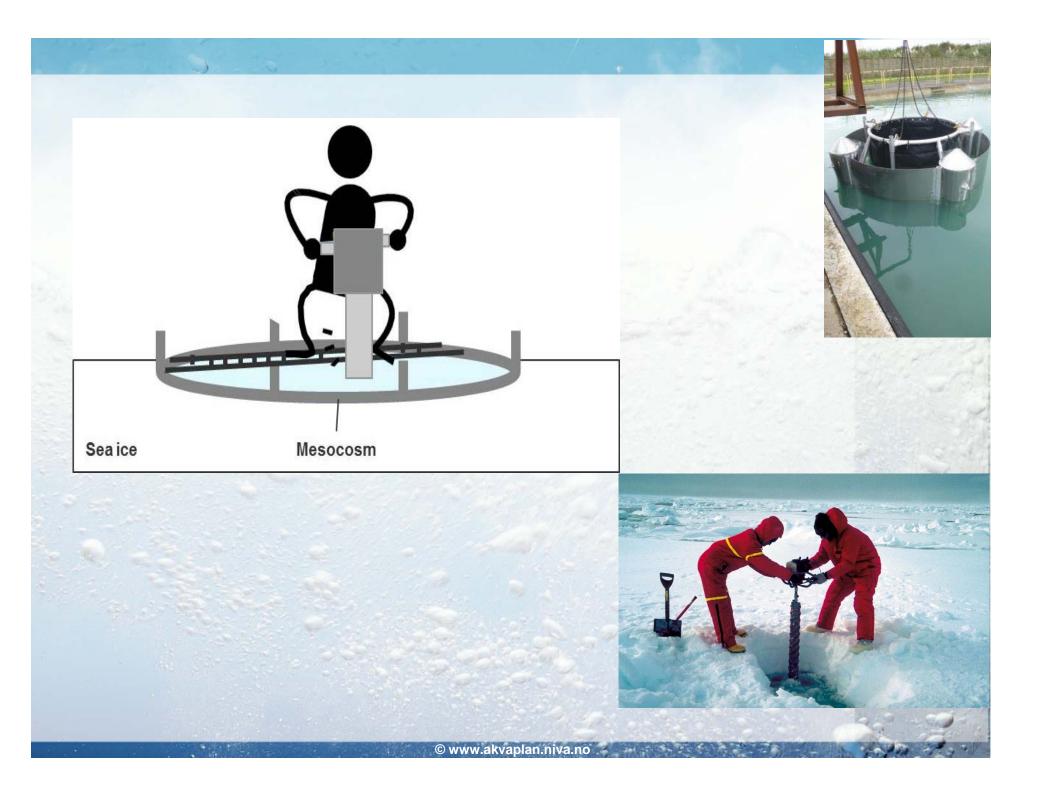
Field site



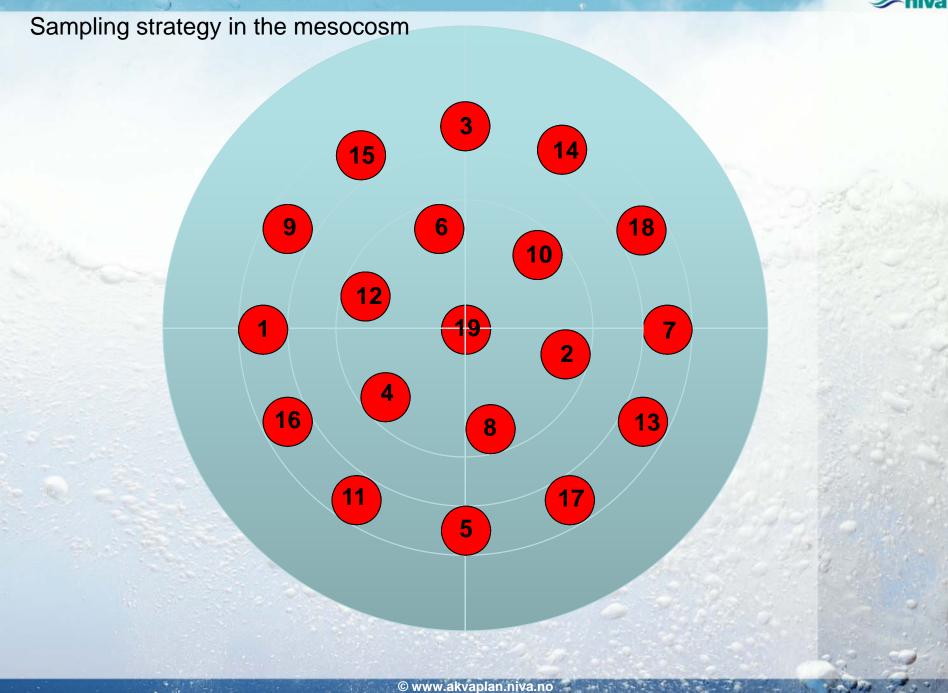


Treatments

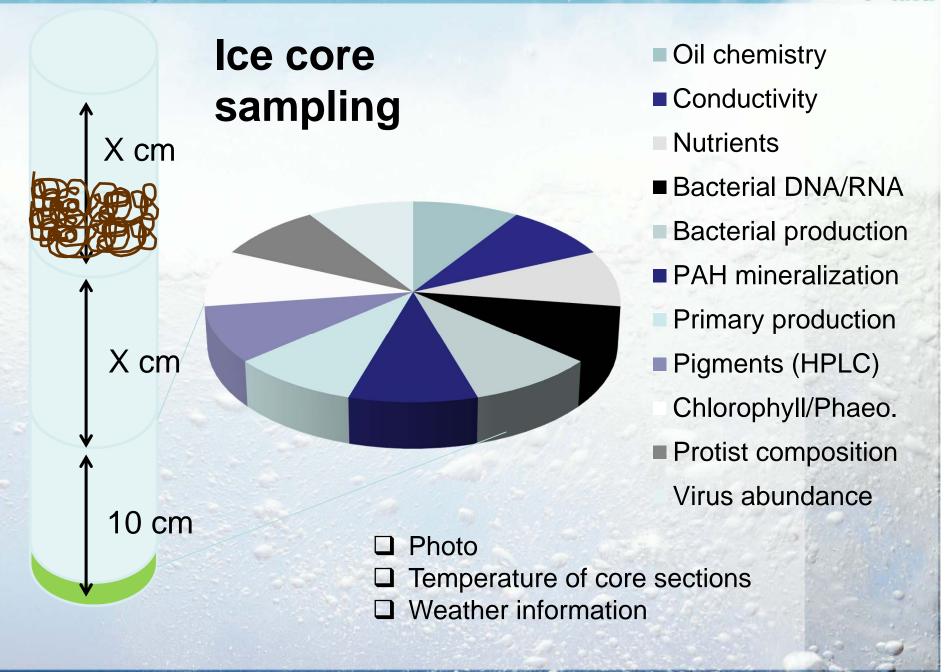














Oil weathering and biodegradation on the shore

Oil smeared rock tiles



Oiled sediment bags



Laboratory: effect of chemically dispersed oil and residues of burnt oil on fish and zooplankton





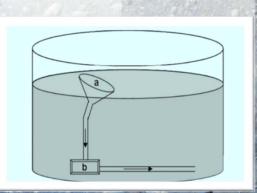
















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Project 2A:

Resilience and sensitivity of Arctic species



Project 2B:

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Project 3

Population consequences, acute vs. chronic effects



Project 1
NEBA tool



Follow the project on: www.arcticresponsetechnology.org