

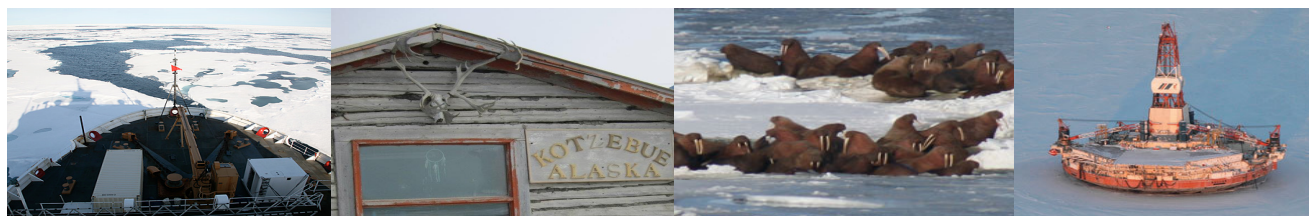
Spring 2016
Final Offering!

SMEA 514: Marine Pollution Management and Policy with a focus on

Oil in the Arctic

Exploring Environmental and Human Dimensions of
Risk from Oil in a Changing Arctic

Instructors: Professor Thomas Leschine , Dr. Mary Baker, Dr. Robert Pavia
School of Marine and Environmental Affairs and U.S. NOAA

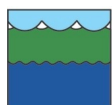


In this class you will learn—

- Fundamental principles that inform modern pollution management and policy, including risk reduction, the precautionary approach, and environmental justice
- How such principles apply to risks from oil development and marine transportation in the Arctic in the face of rapid change in physical environments, ecosystems, and human communities—products of both climate change and globalization
- How Arctic development and protection decisions are being made given environmental and economic factors and social and political conflict. Who decides and how is social and natural scientific information influencing decisions concerning oil in the Arctic?

Lecture, discussion and group work are combined to examine threats from oil in the context of scientific uncertainties, conflicting values, and human-induced changes, with a focus on the decision making that is affecting the future of the Arctic region.

Offered by the School of Marine and Environmental Affairs through the Future of Ice initiative of the Colleges of the Environment and Arts and Sciences. Open to graduate and advanced undergraduate students from all schools and colleges. Meets Arctic Minor elective requirements.



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Marine & Environmental Affairs
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SLN#19117· Marine Pollution Management
SMEA 514 · 3 Credits
Tue/Thu 2:00 – 3:20