

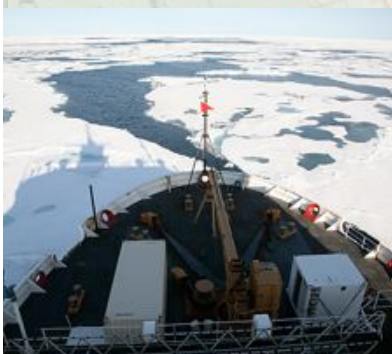
Spring 2014

SMEA 514: Marine Pollution Management

Oil in the Arctic

Decision Making Under Conflict and Uncertainty
Exploring the Environmental and Human Dimensions of
Risk from Oil in a Changing Arctic

Instructors: Professor Thomas Leschine, Dr. Robert Pavia, Dr. Mary Baker



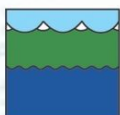
The Course -

will examine risks from marine transportation and oil development in the Arctic in the face of changing physical environments, ecosystems, and the human communities that depend upon them in the face of increasing development.

How do we manage the risks and who decides? How are development decisions being made given environmental, political, and societal uncertainty; and how should they be made? What roles do natural science, social science, technology, and risk management play in decision making?

The course will combine lecture, discussion, and group work to examine threats from oil in the context of conflicting values, uncertainty, and ongoing human-induced changes in the Arctic. The course will focus on decisions being made today that could affect the future of the entire Arctic region and beyond.

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 requirement. SLN 18905 - 3 Credits. Tu/Th 9:30-10:50



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