

Rosemary Ahtuanguak

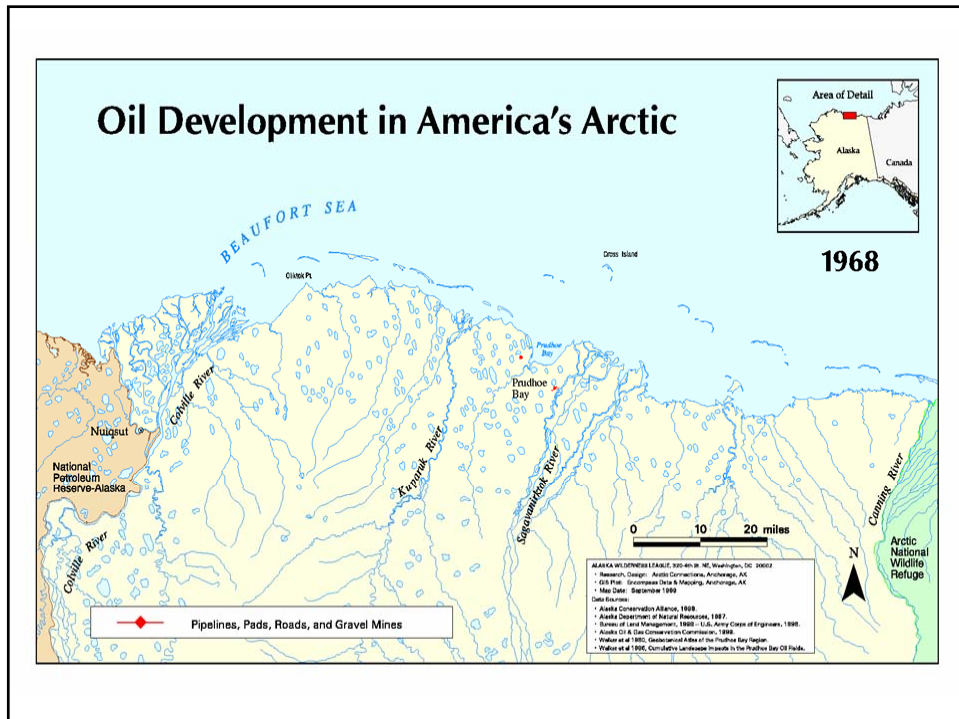
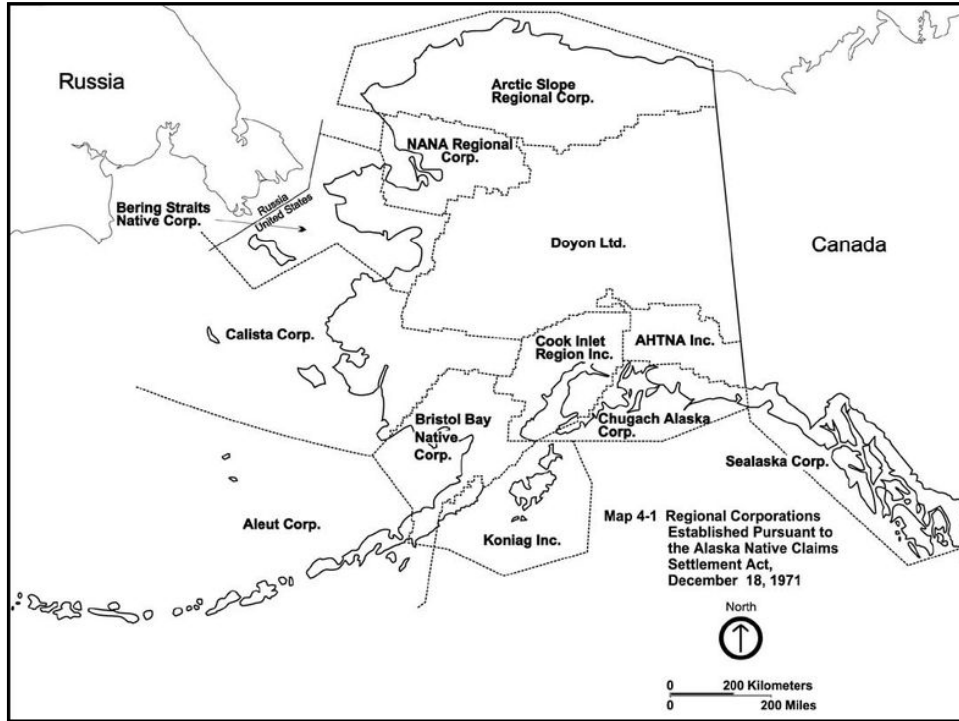
Climate Change in Alaska:
Perspectives in Public Health

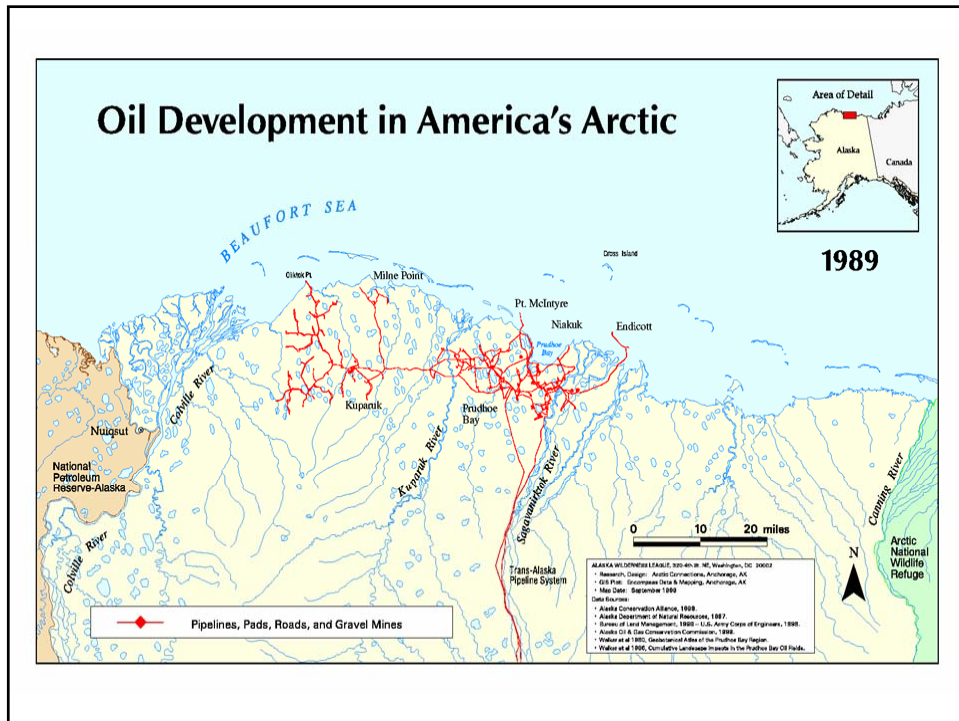
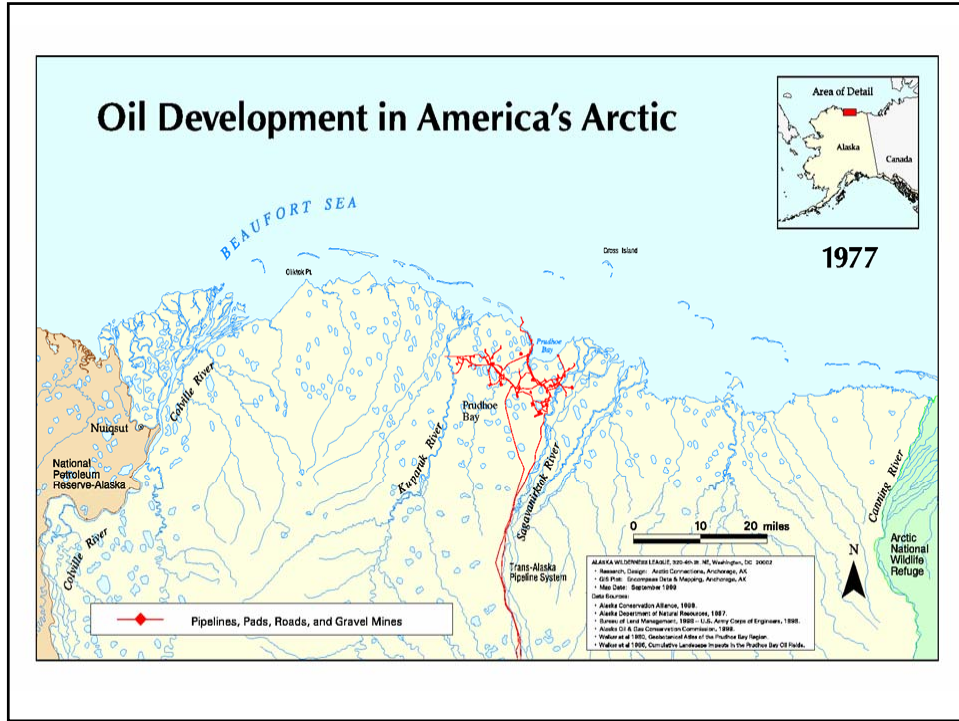
APHA Nov 2014

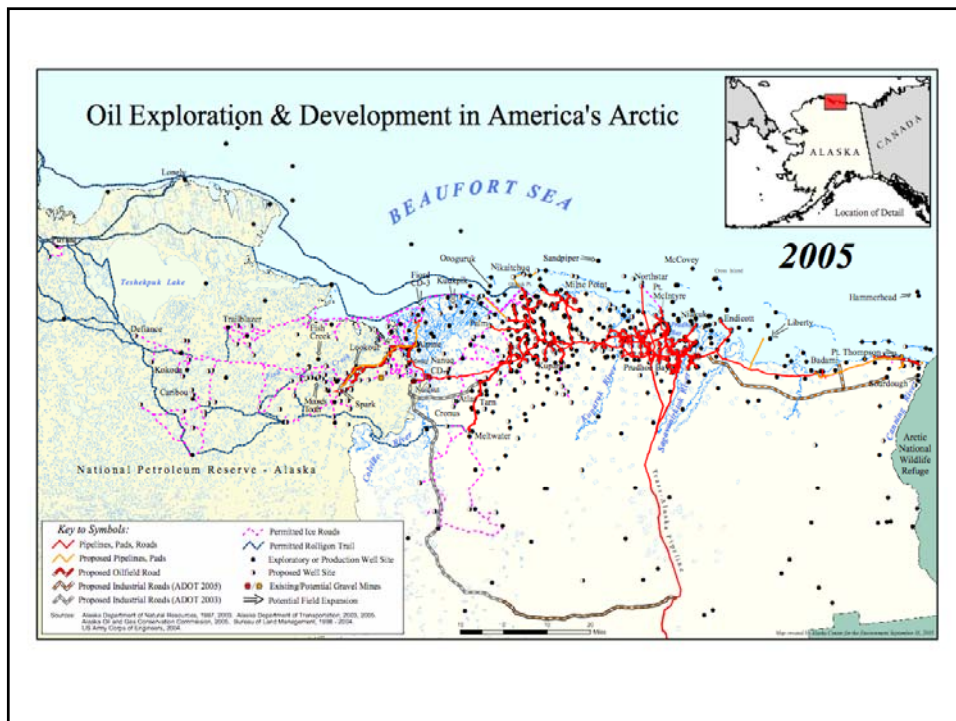
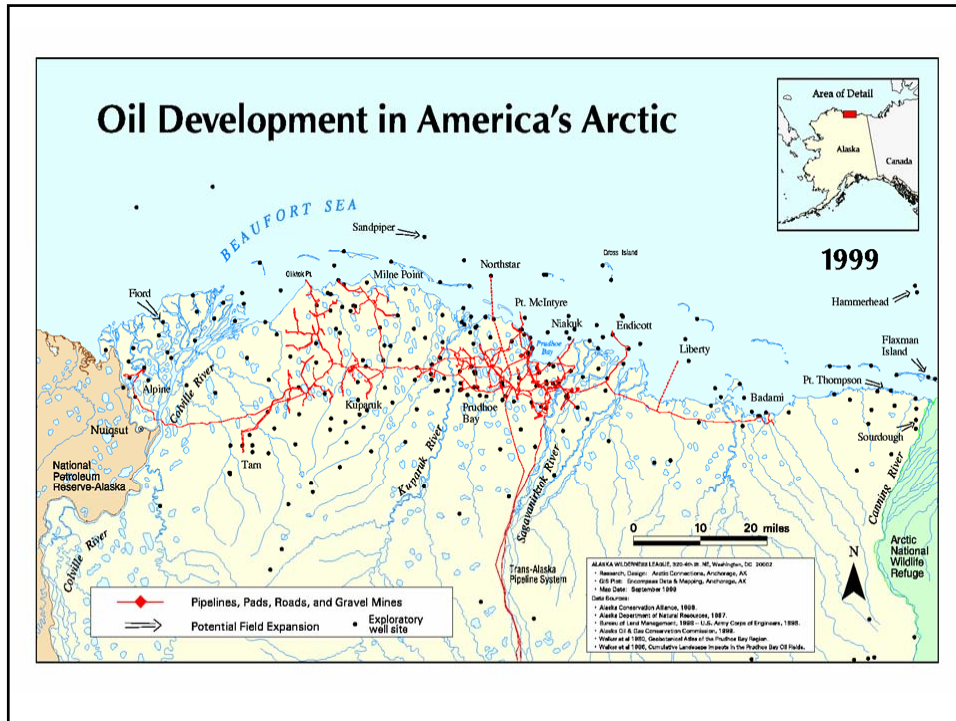
Presenter Disclosure

Rosemary Ahtuanguak
No relationships to disclose



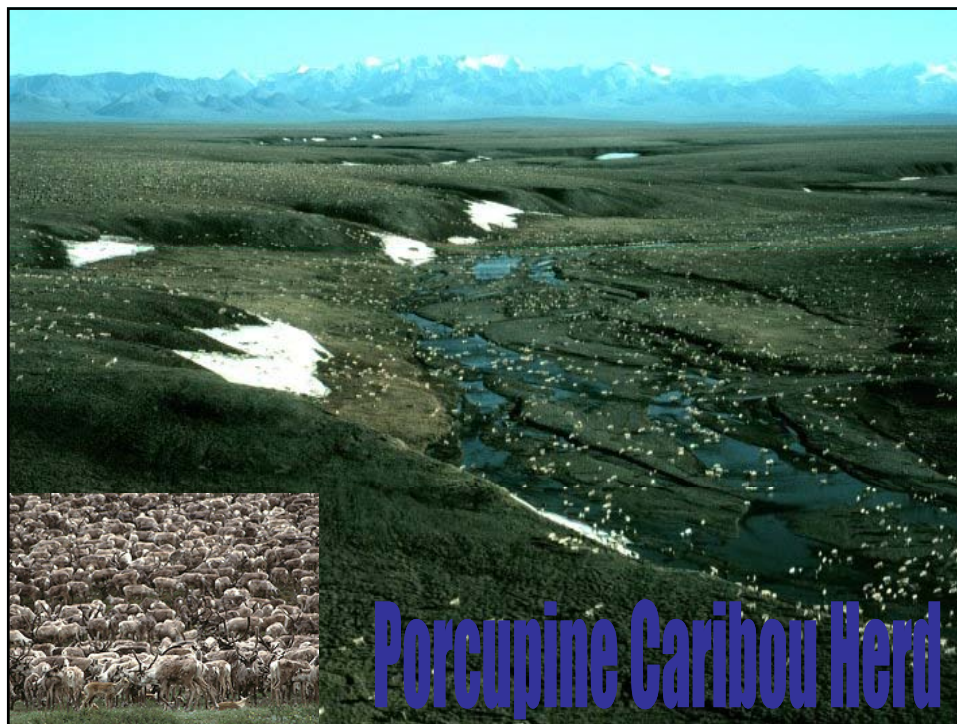


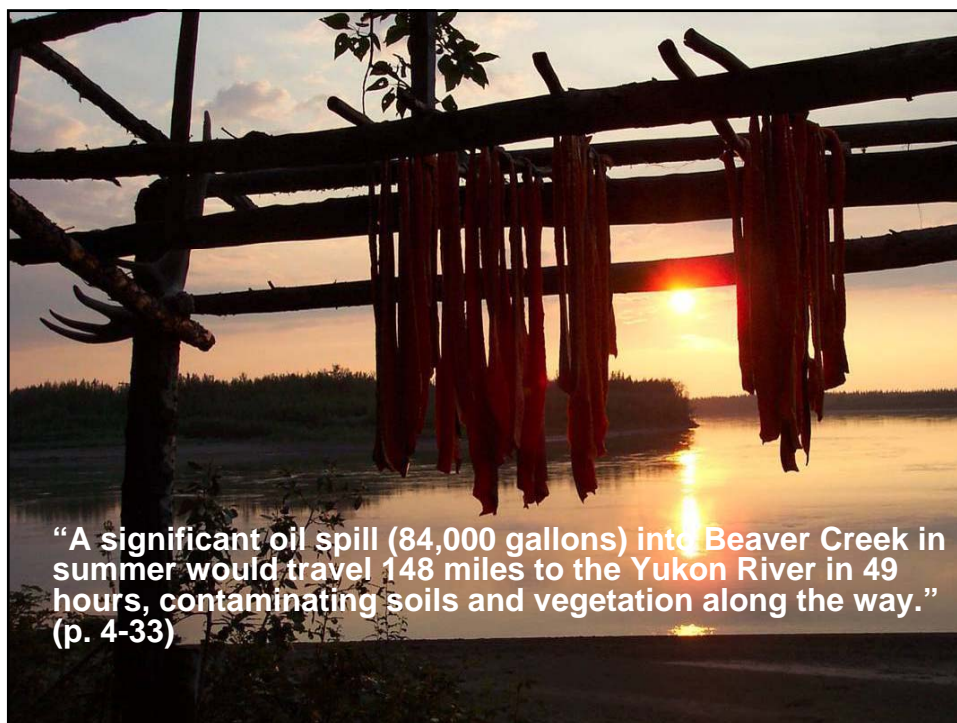




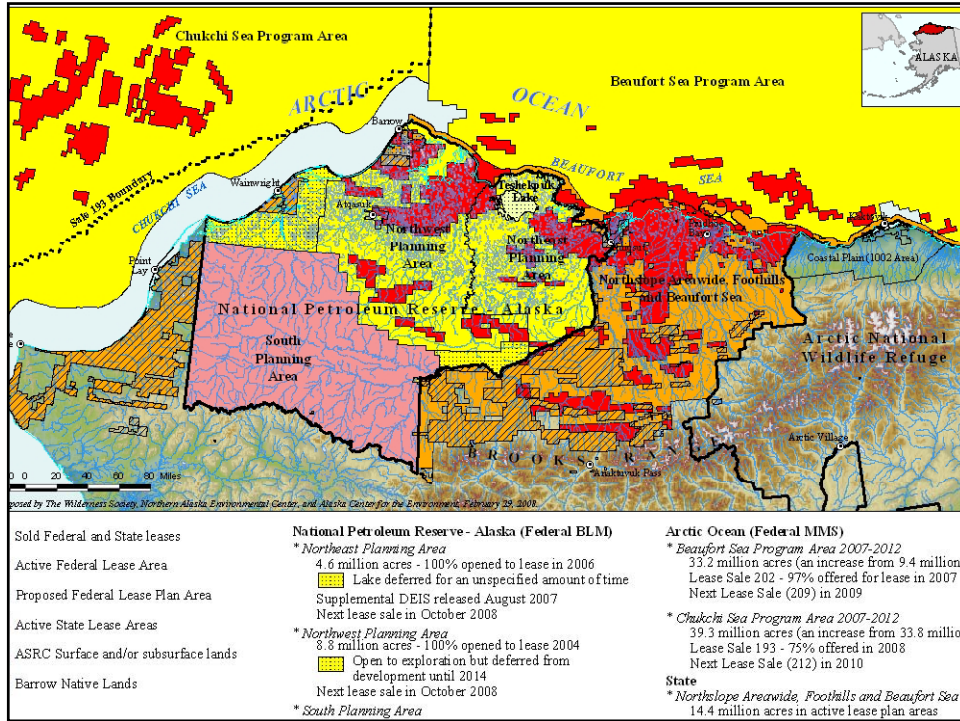


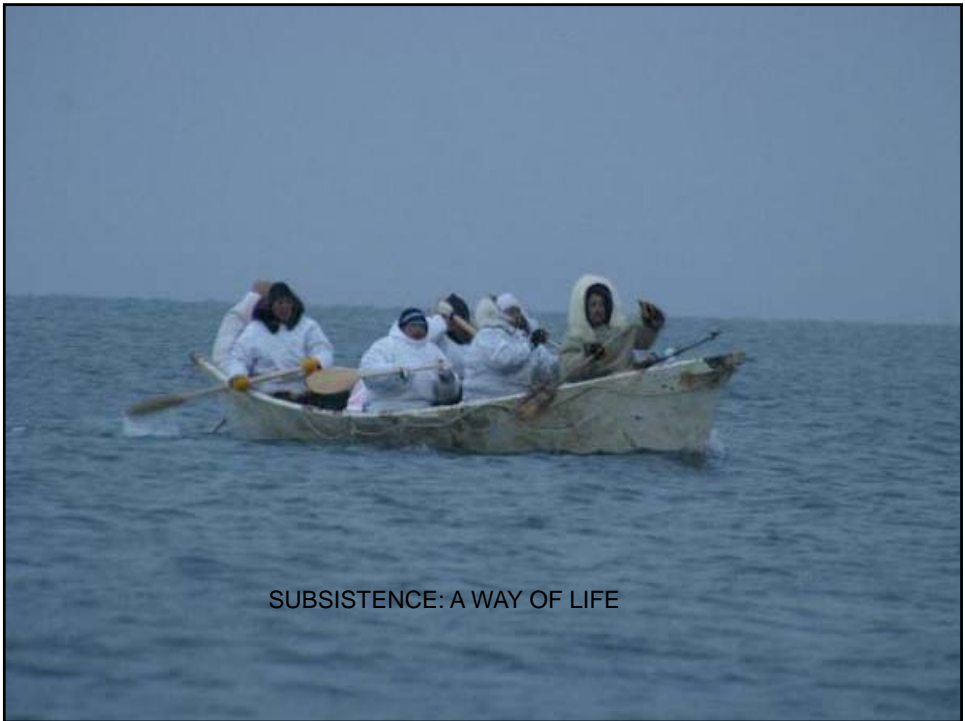












SUBSISTENCE: A WAY OF LIFE



RISK: Oil Spills

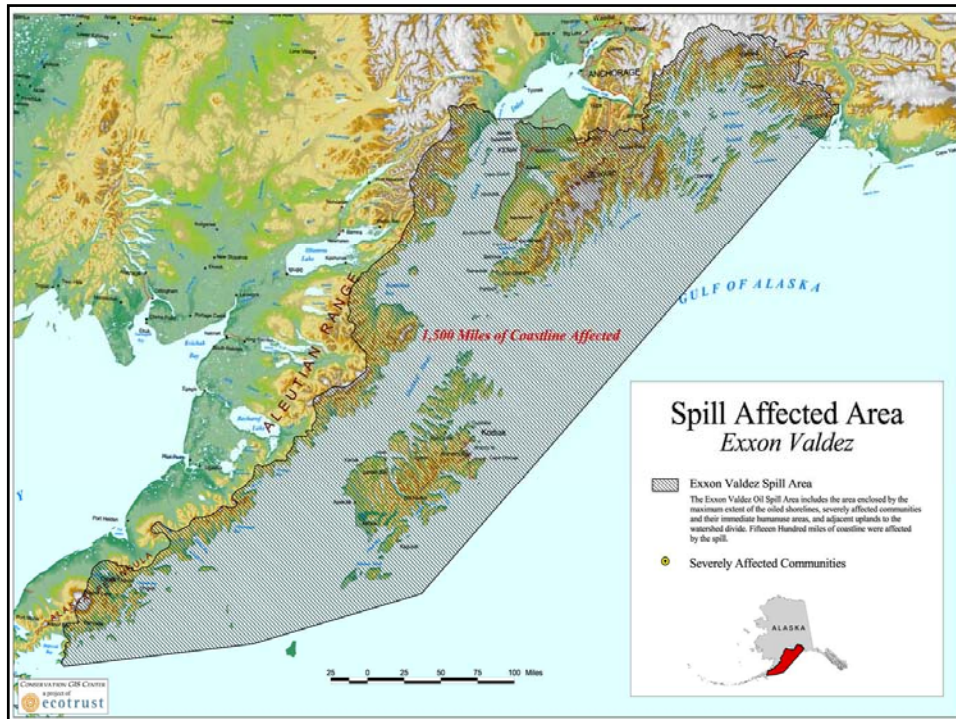
Oil spills have wreaked havoc on the oceans for several decades, and are primarily caused by accidents involving tankers, barges, pipelines, refineries, and storage facilities, usually during transport. Spills are also caused by making mistakes, equipment breaking down, natural disasters, such as hurricanes, terrorist acts, or illegal dumpers.

How Much Oil Are We Talking About?

The United States uses about 700 million gallons of oil every day.

The world uses nearly 3 billion gallons each day.

The largest spill in the United States so far was the *Exxon Valdez* spill on March 24, 1989 off the coast of Alaska. It was 11 million gallons of crude oil.



Oil is still being found on the beaches of Prince William Sound today.

Of the 25 species that were devastated by the Exxon Valdez Oil Spill, only 8 are considered fully recovered.

The herring fishery has never recovered.





A Clean Operation?

- EPA has launched a criminal investigation into BP's management of the pipeline corrosion blamed for the spill of an estimated 267,000 gallons of crude oil in the western part of the largest US oil field.
- Alaska officials blamed internal corrosion for creating a hole that sprung the oil leak in late February of 2006 and crude poured out for several days before being discovered.
- The resulting crude oil spill, the largest ever recorded on Alaska's North Slope, spread over nearly two acres of snow-covered tundra and frozen lake surface

A photograph of a polluted landscape. In the foreground, a white sign with a red circle and a diagonal line through it, with the text "NO DISCHARGING MUD OR FLUIDS" below it, stands on a dark, rocky shore. In the background, there is a body of water with a large, dark, irregular spill of oil or mud. The sky is overcast.

In 2001, Daniel Carson Lewis shot a gun into the 800 mile Trans Alaska Oil Pipeline.

250,000 Gallons of Oil Spilled out of the gunshot hole.

In 2006 after an oil spill from a transit pipe in Prudhoe Bay, BP discovered 16 of 22 miles of transit pipes were corroded.

Some of the pipes had corroded as much as 80 percent.

RISK: Pipelines Pose a Risk to the Environment

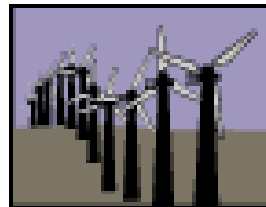


- **Bullet Hole Spill took 36 hours to plug leak**



“Just Transition”?

Just Transition is a way of getting both a **healthy Economy** as well as a **safe & clean Environment**.









Contact us:

Resisting Environmental Destruction on Indigenous Lands

P.O Box 74667

Fairbanks, AK 99707-4667

PH: 907-456-2181

Fax: 907-456-2184

Email: redoil@acsalaska.net

Web: www.ienearth.org/redoil

- Tell Charlotte Shane said hi worked with her at Kugaruk



