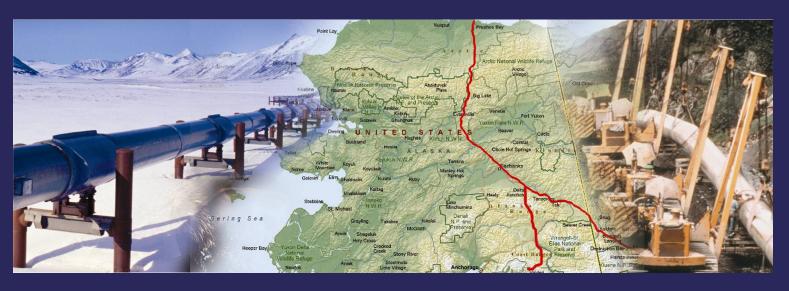
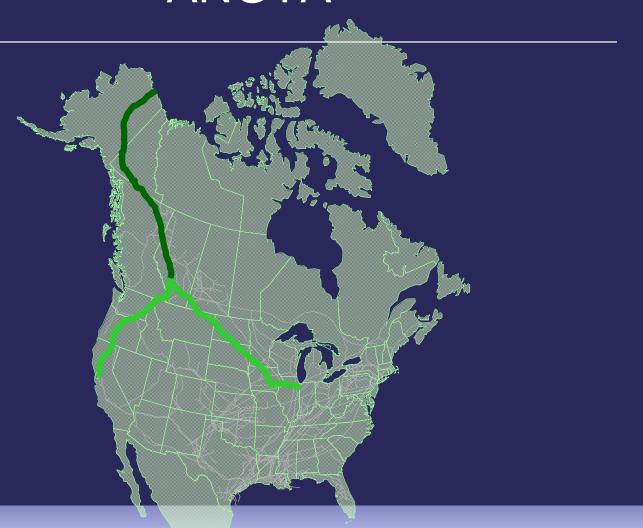
Arctic Oil and Gas in Today's North American Energy Equation



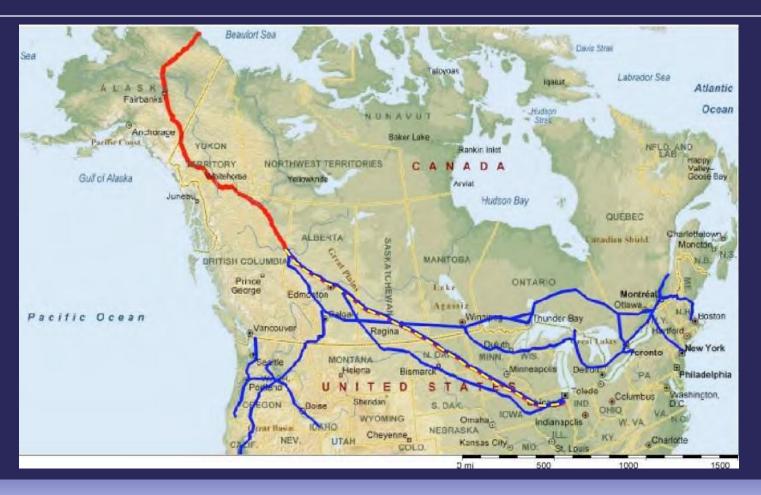
Drue Pearce
Federal Coordinator
Office of the Federal Coordinator for
Alaska Natural Gas Transportation Projects
The Canada Institute and the Global Energy Initiative
of Woodrow Wilson International Center for Scholars
June 24, 2009



ANGTA



ANGPA



North Slope to Alberta and Beyond Pipeline Proposals

Denali



- Pre-filed with FERC
- ❖ Begun engagement with federal agencies
- ❖ Planning open houses in 2009/2010
- Planned Open Season in 2010

TransCanada Alaska

- ❖ AGIA licensee
- ❖ Pre-filed with FERC



Planned Open Season in Spring 2010



President Obama

* Pre-Election

"Over the next five years, we should also lease more of the National Petroleum Reserve in Alaska for oil and gas production. And we should also tap more of our substantial natural gas reserves and work with the Canadian government to finally build the Alaska Natural Gas Pipeline, delivering clean natural gas and creating good jobs in the process."

Obama Campaign, Lansing, MI, August 4, 2008

* Post Election

"Prioritize the Construction of the Alaska Natural Gas Pipeline" White House Agenda – Energy and the Environment



What is the Role of the OFC?

- Coordination
- Compliance and Oversight
- Information Dissemination



U.S. Federal Agencies

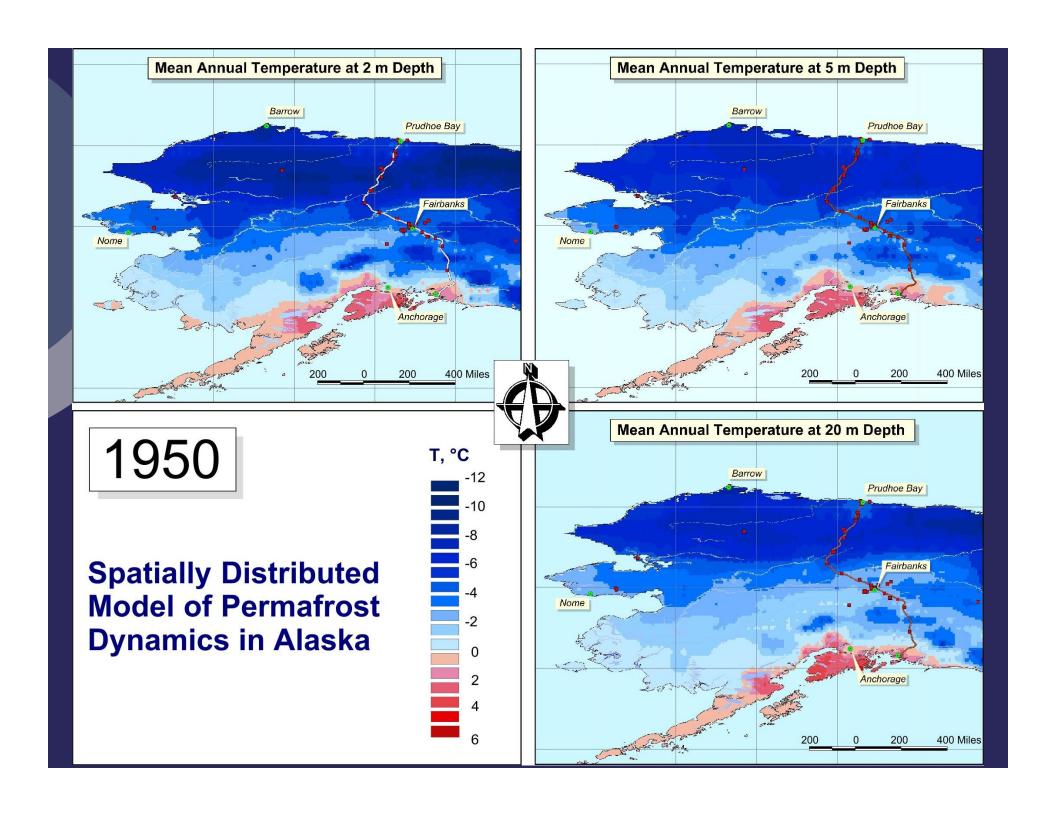
- Office of Federal Coordinator
- Council on Environmental Quality
- Federal Energy Regulatory Commission
- Department of Interior
 - Bureau of Land Management
 - Bureau of Indian Affairs
 - U.S. Fish and Wildlife Service
 - Minerals Management Service
 - National Park Service
 - U.S. Geological Service
- Department of Energy
- o Department of Transportation
 - FHWA
 - PHMSA
 - FAA
- Department of Treasury
- Department of State

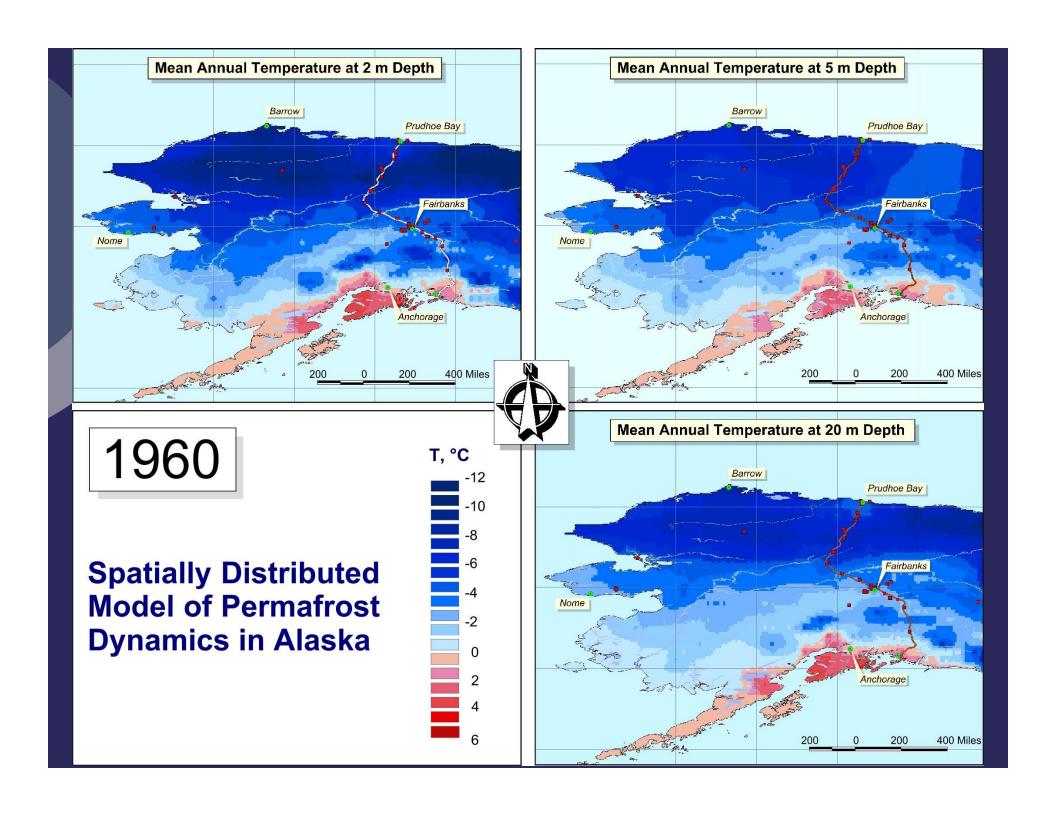
- Department of Defense
 - U.S. Army Corps of Engineers
- Department of Commerce
 - NOAA
 - NMFS
- Department of Homeland Security
 - CBP
 - TSA
 - U.S. Coast Guard
- Department of Labor
- Environmental Protection Agency
- Department of Agriculture
- Advisory Council on Historic Preservation
- o Department of Justice
- Federal CommunicationsCommission

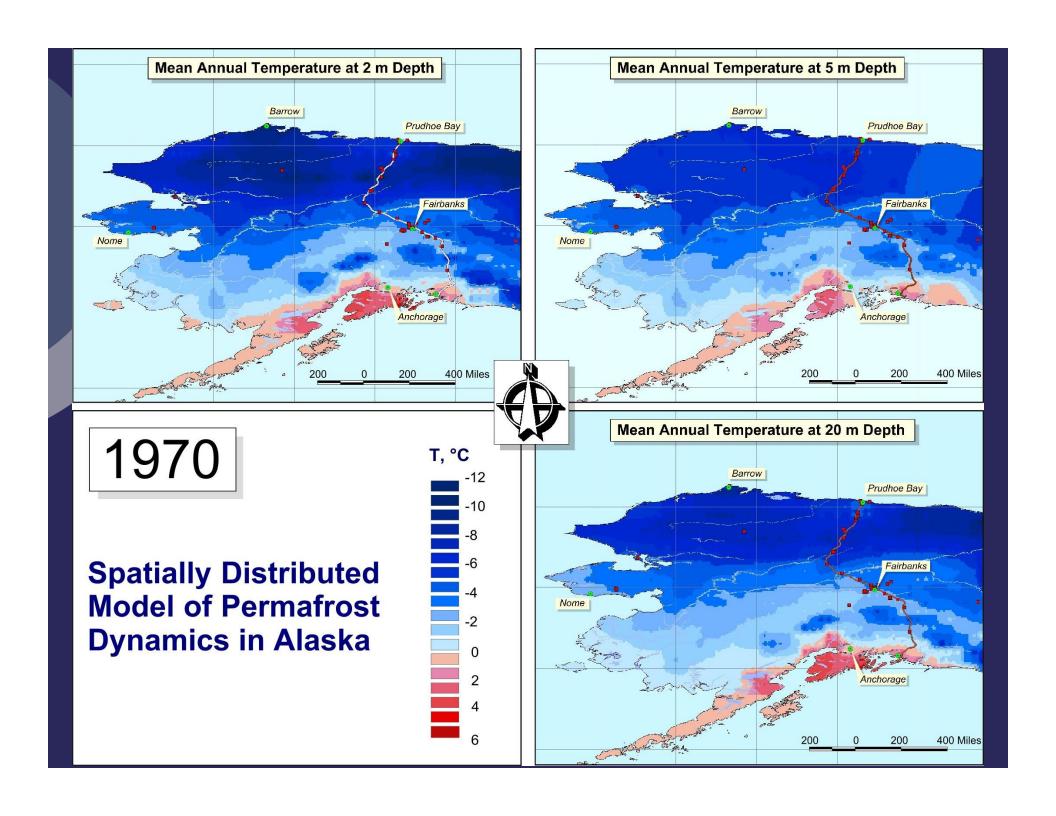


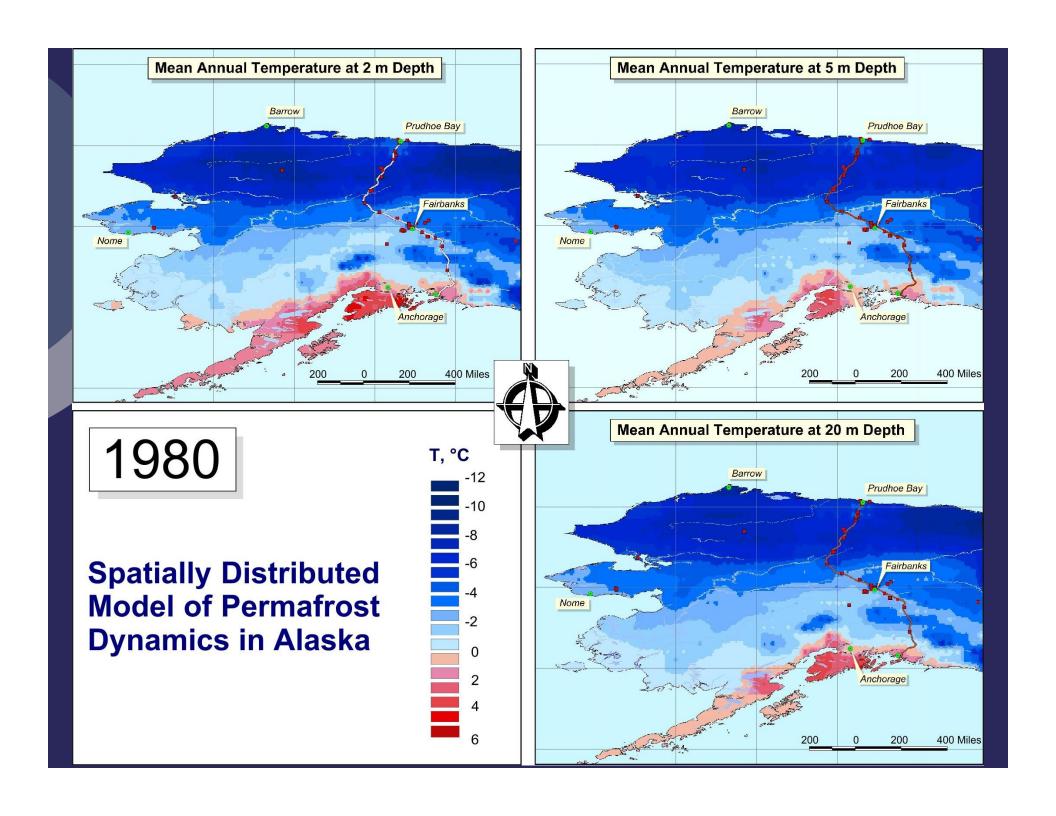
Recent Developments

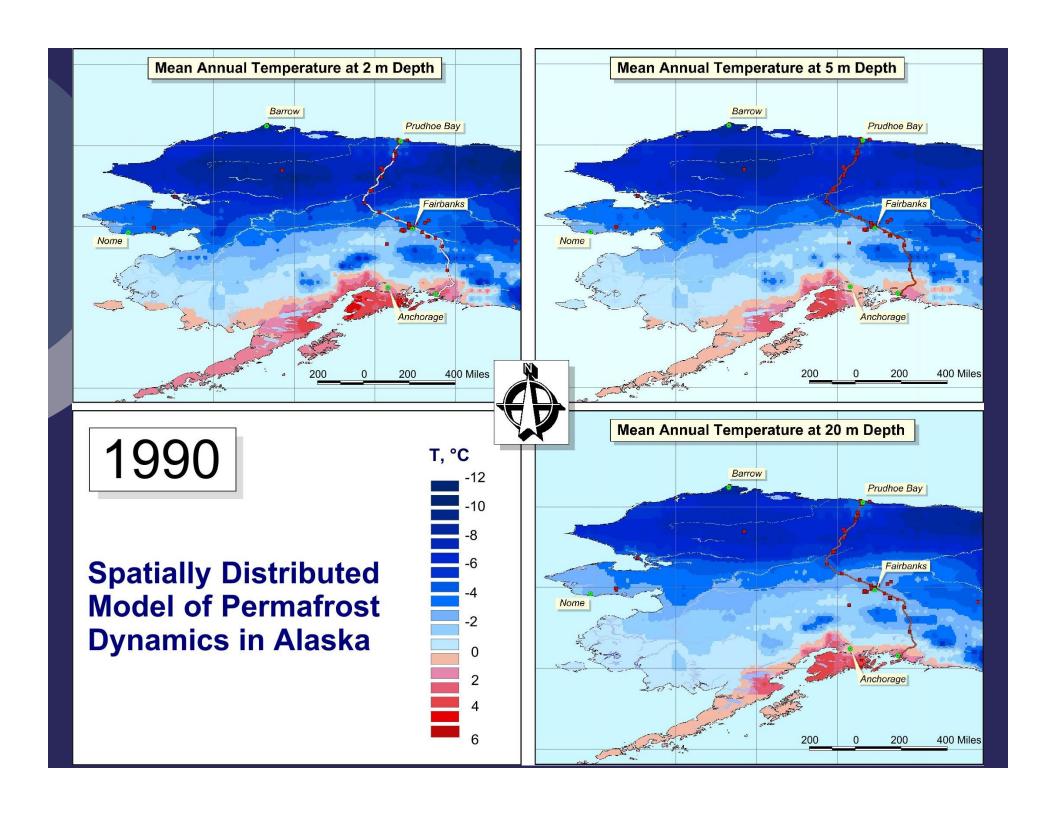
- Consolidated Implementation Plans
 http://www.arcticgas.gov/routes.htm
- TransCanada ExxonMobil Partnership
- Clarity of Canadian Regulatory Regime

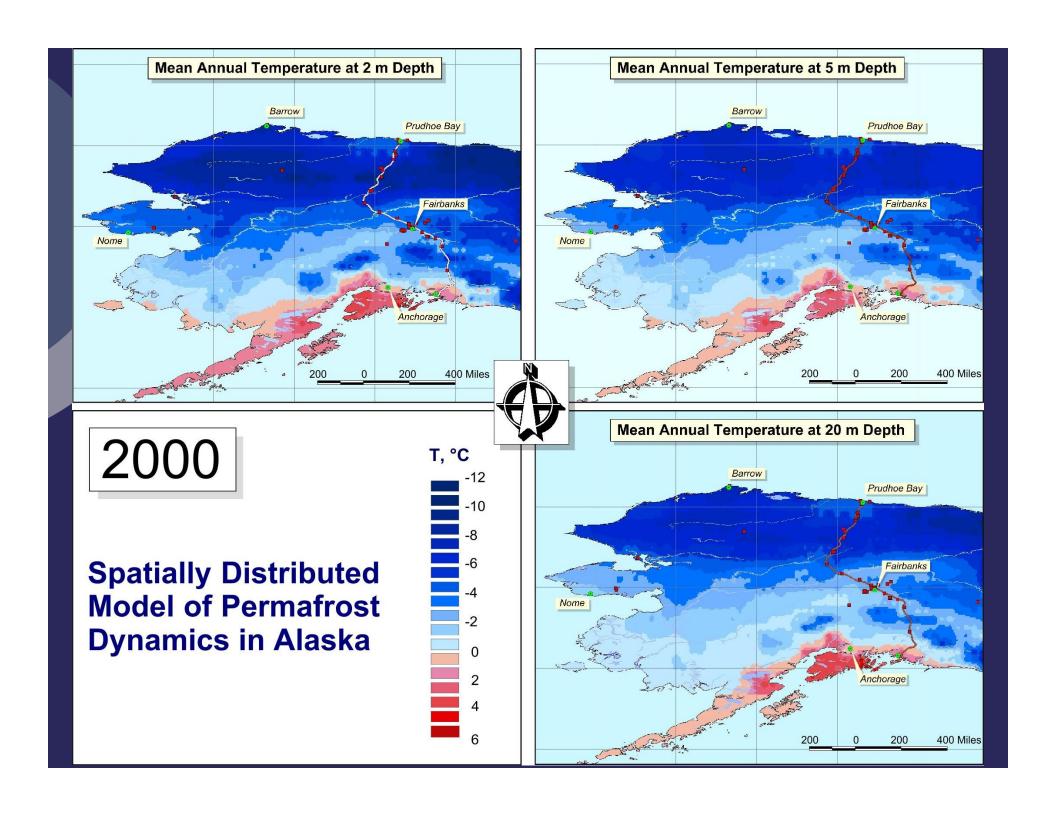


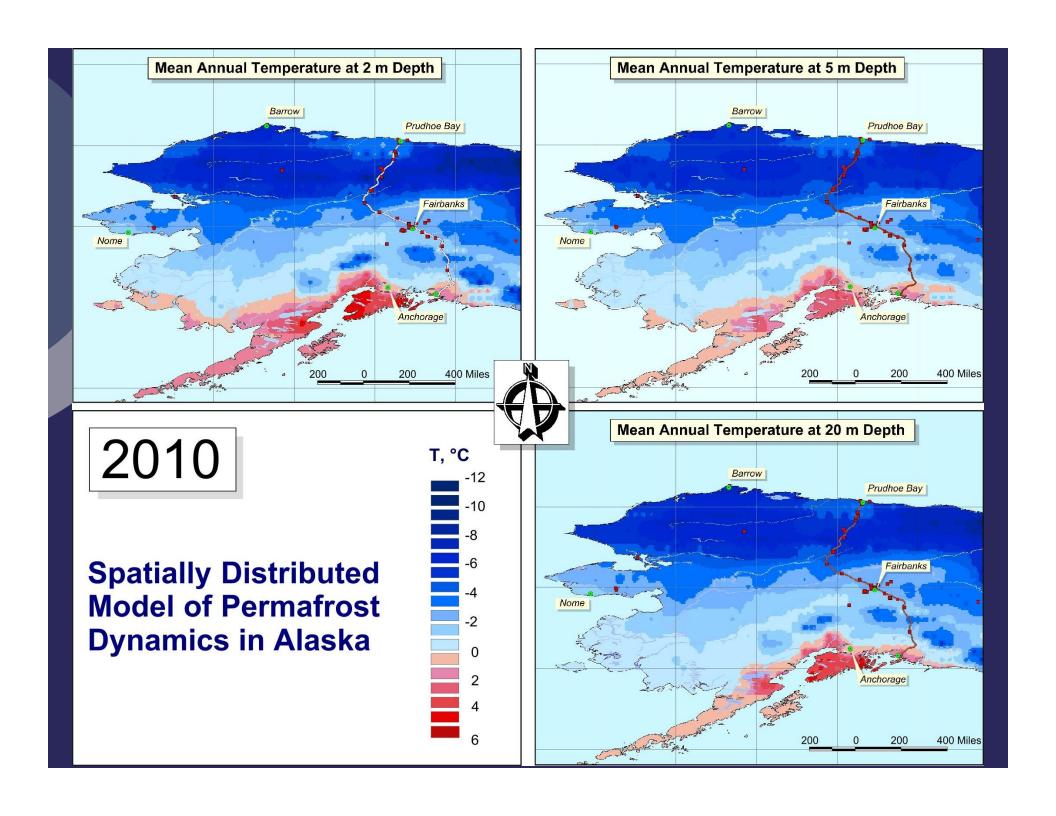


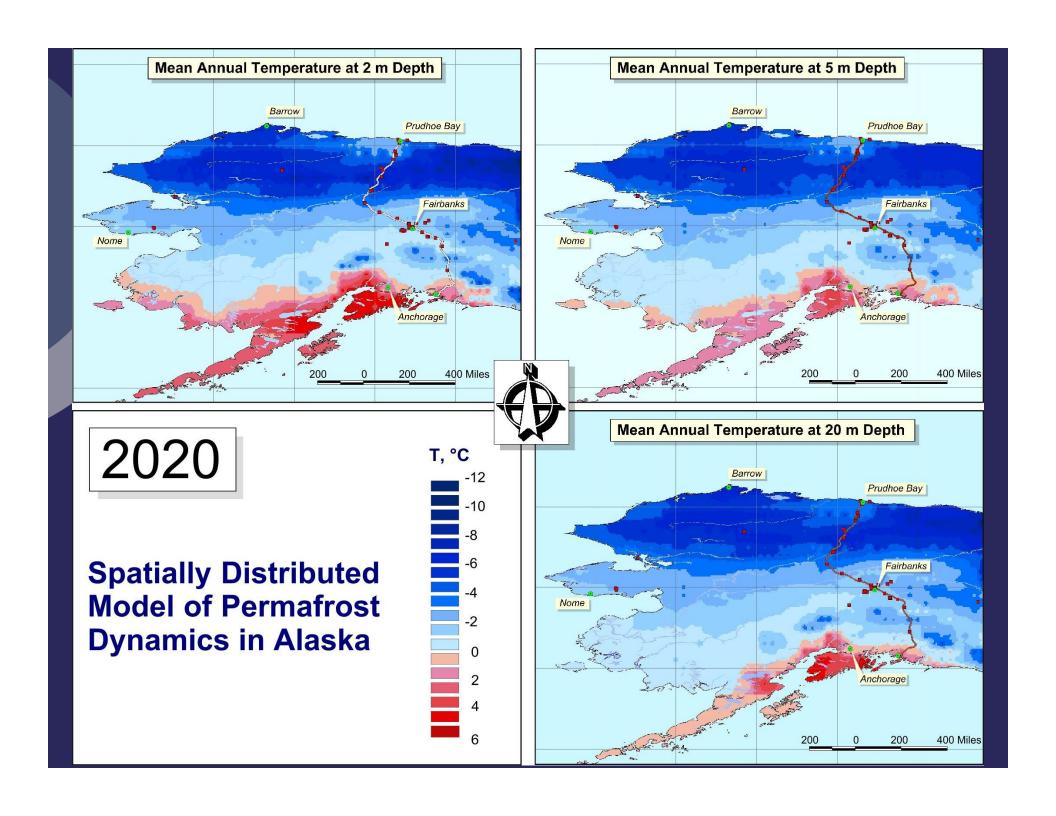


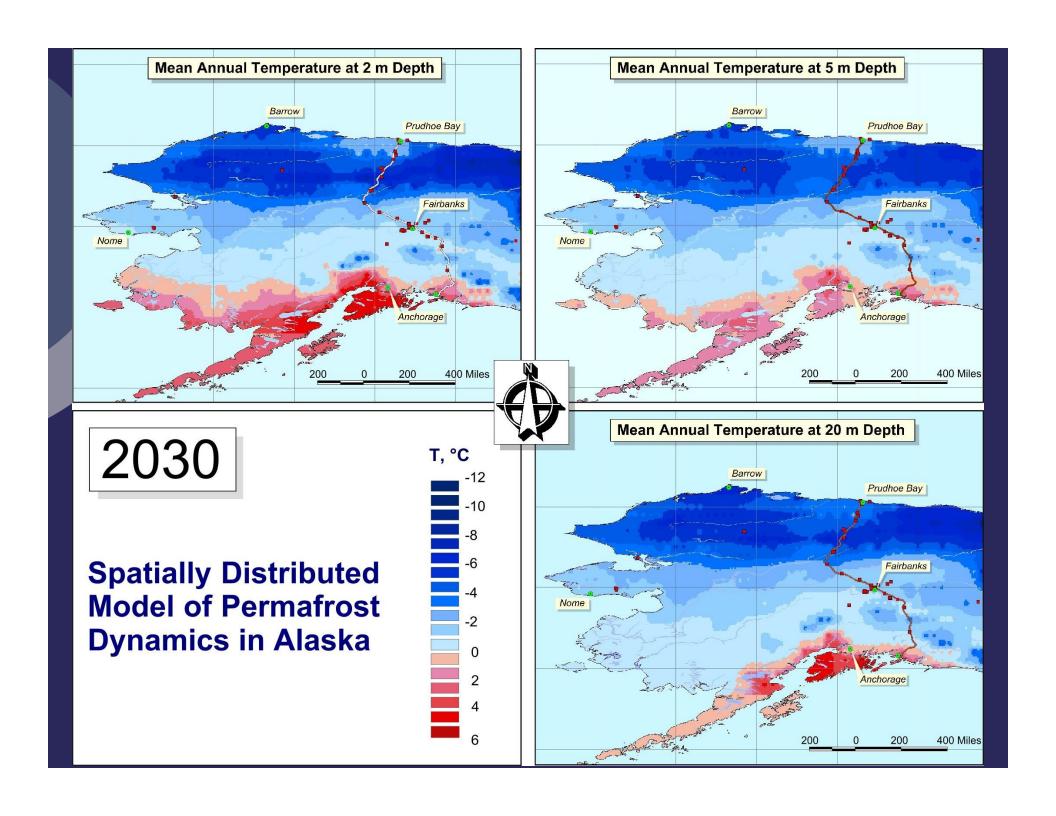


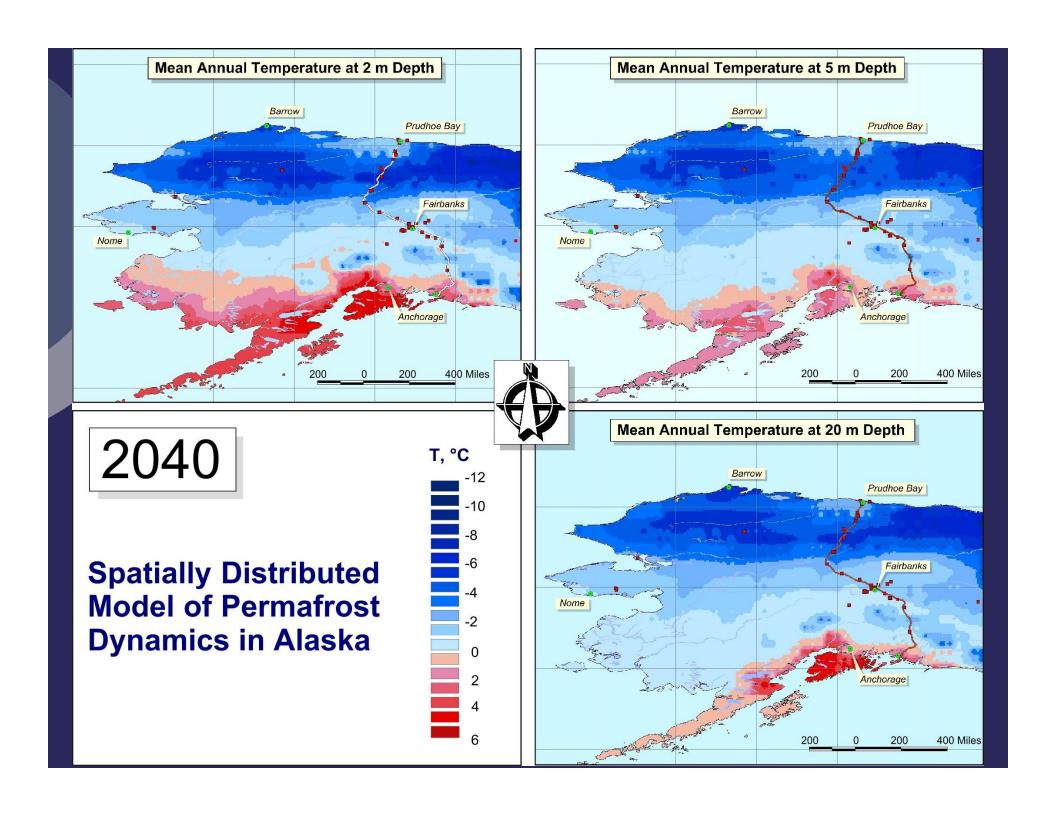


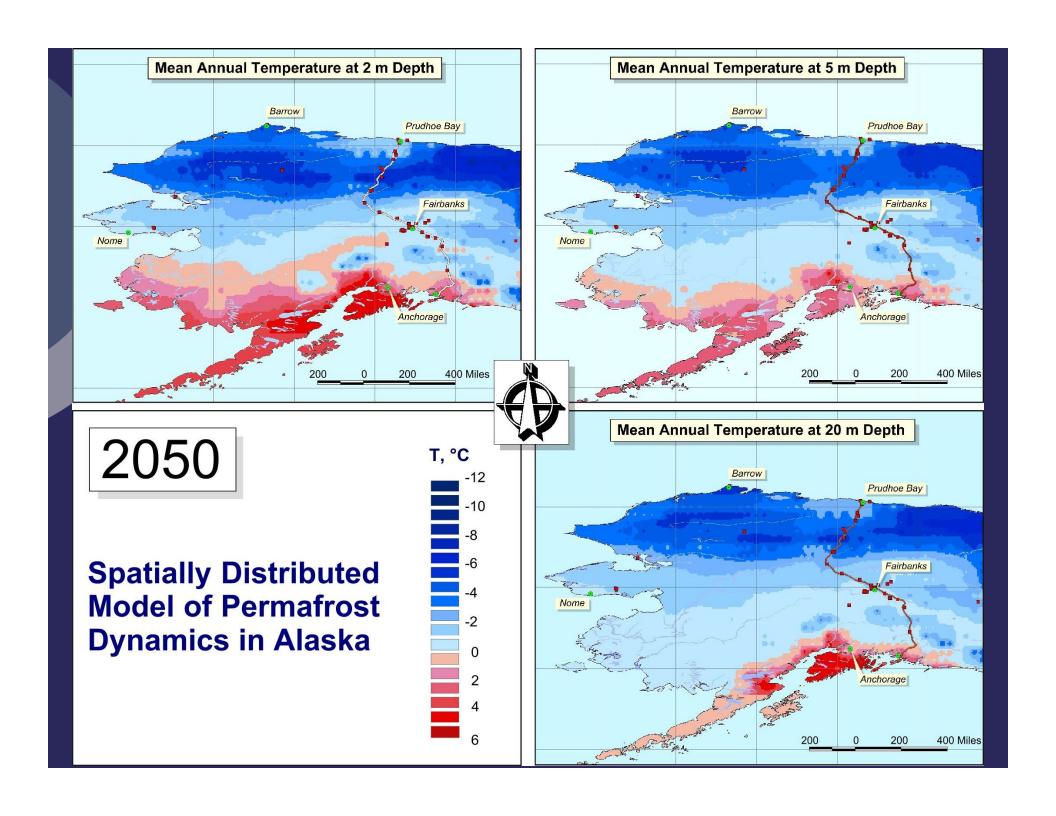


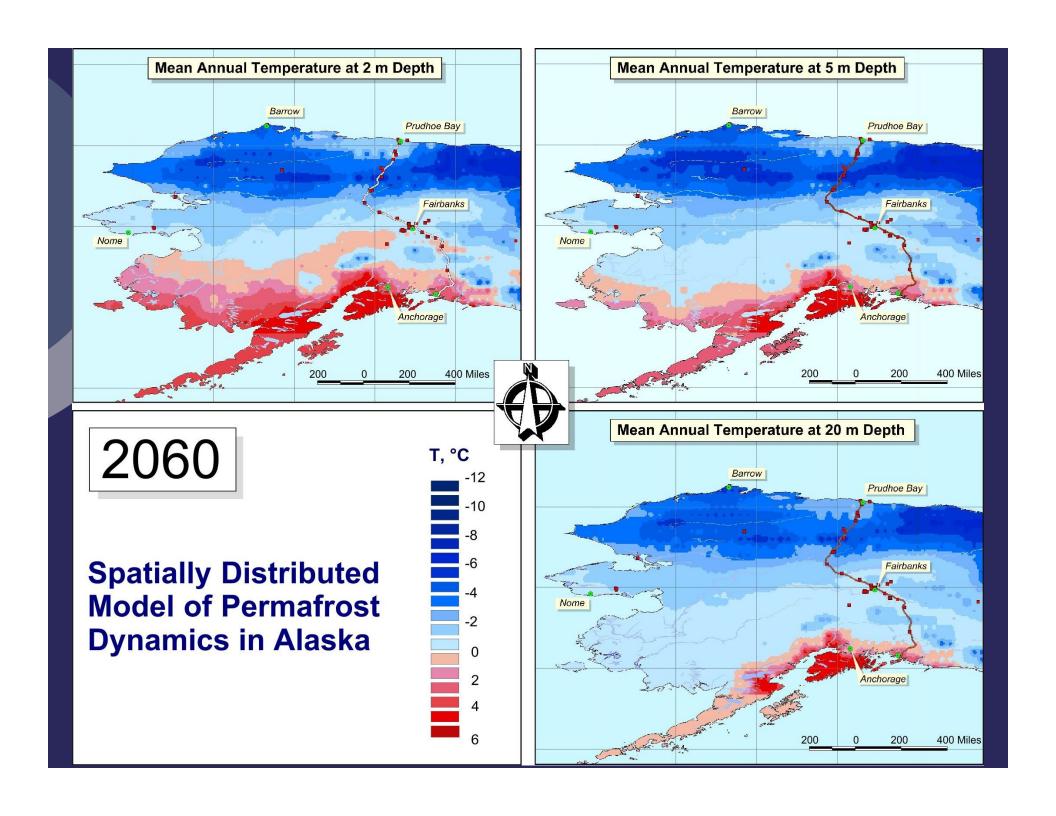


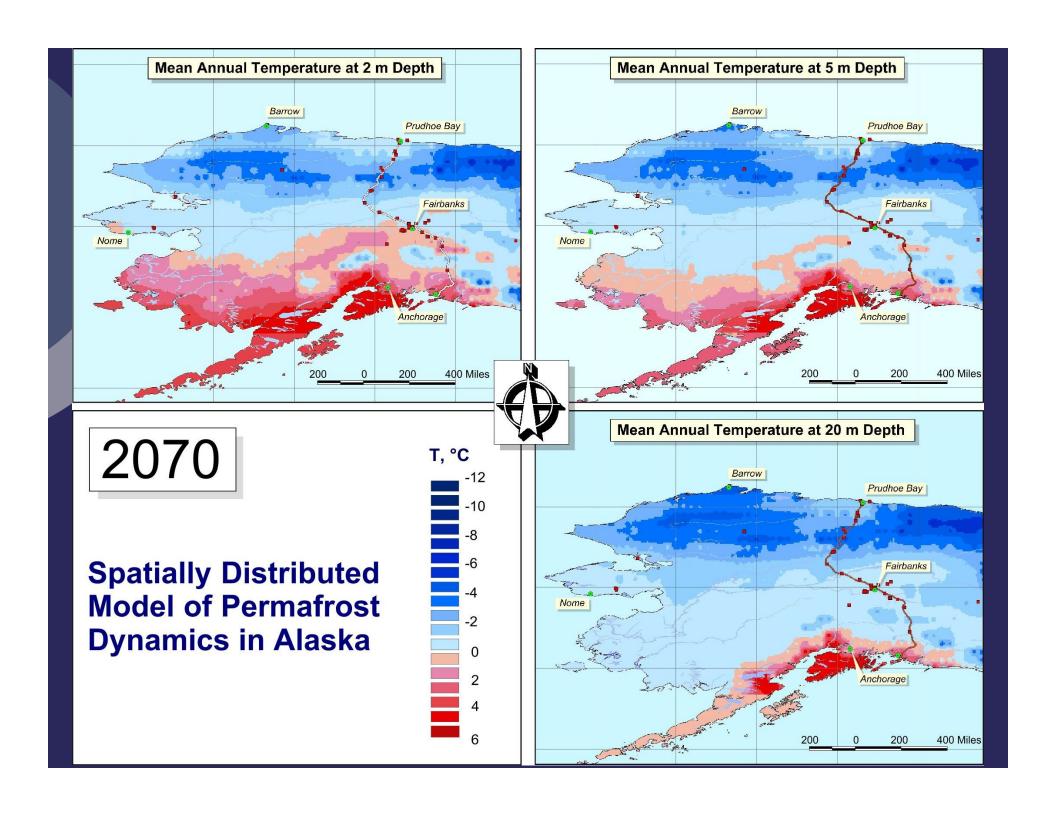


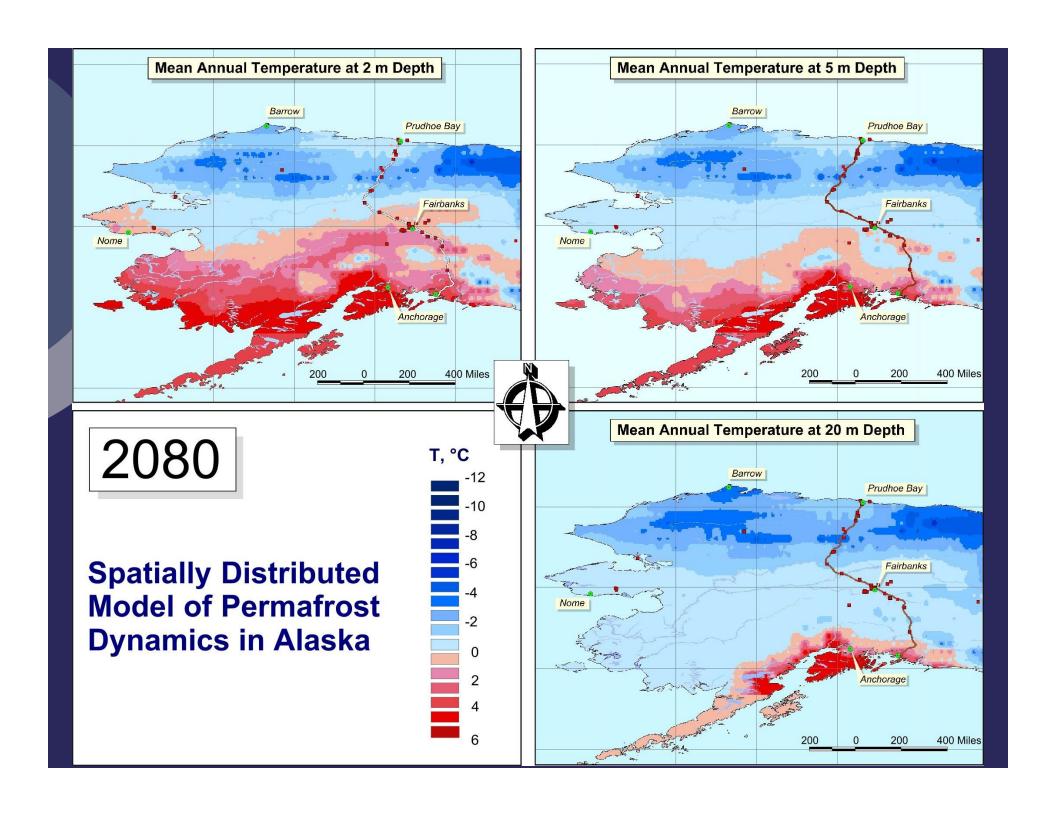


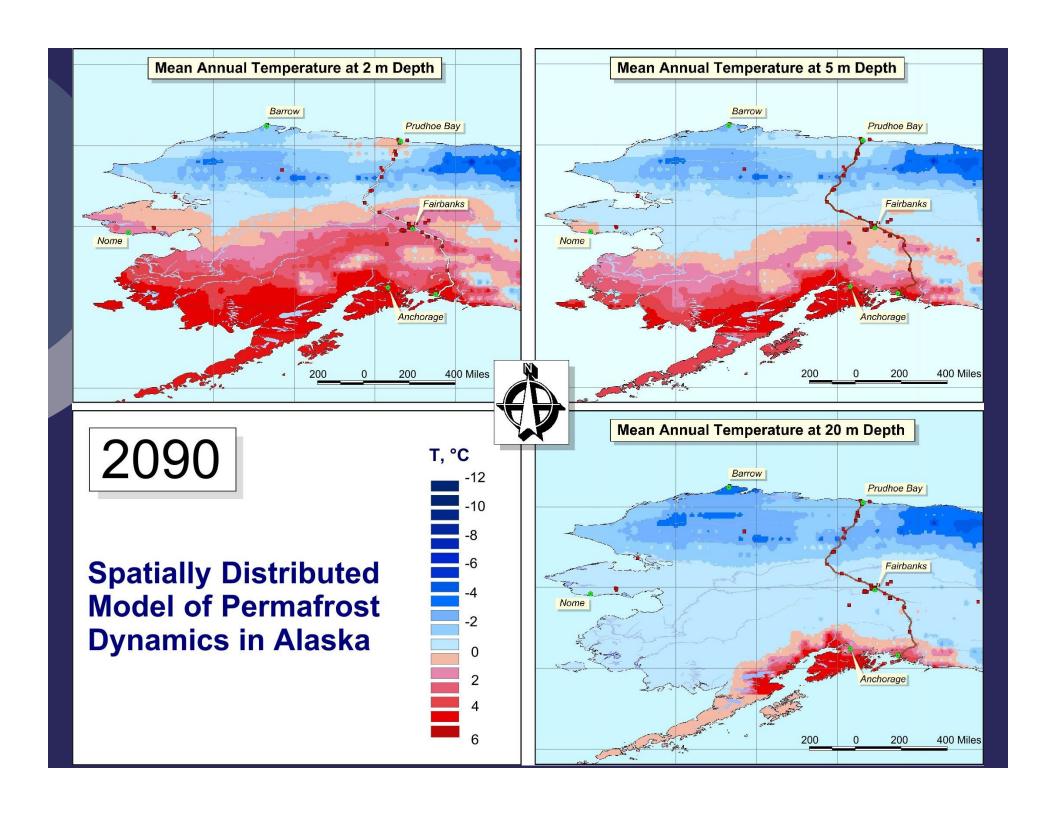


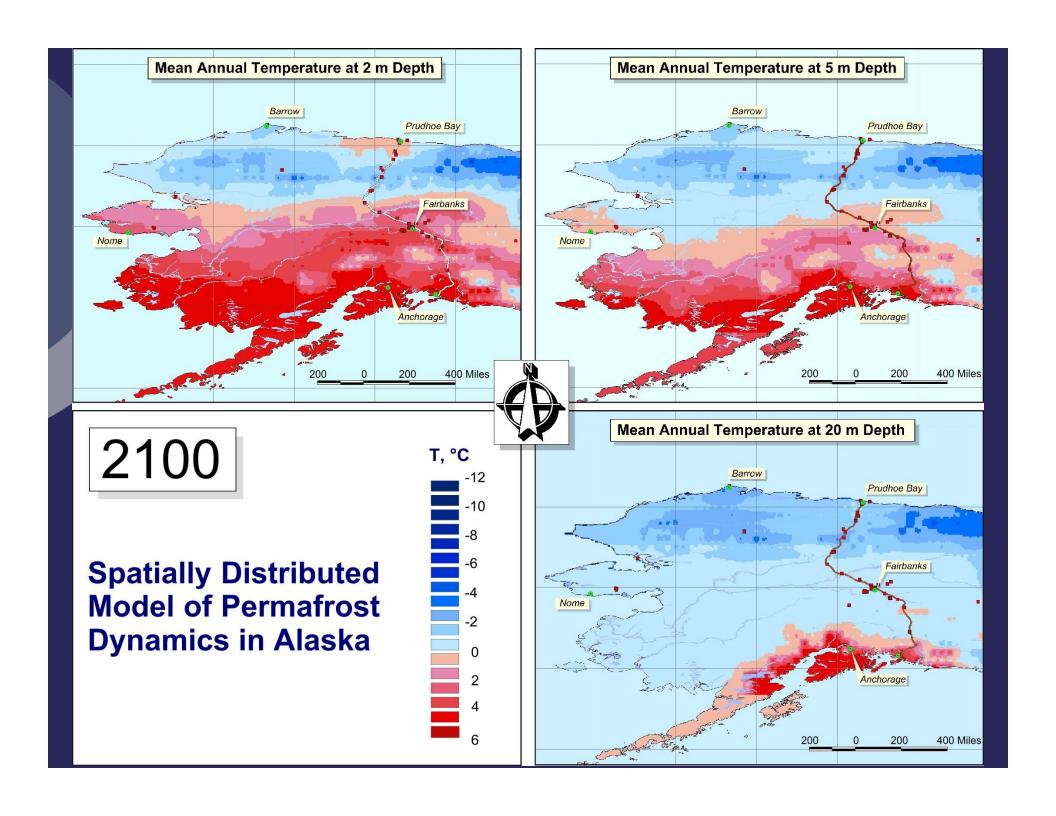


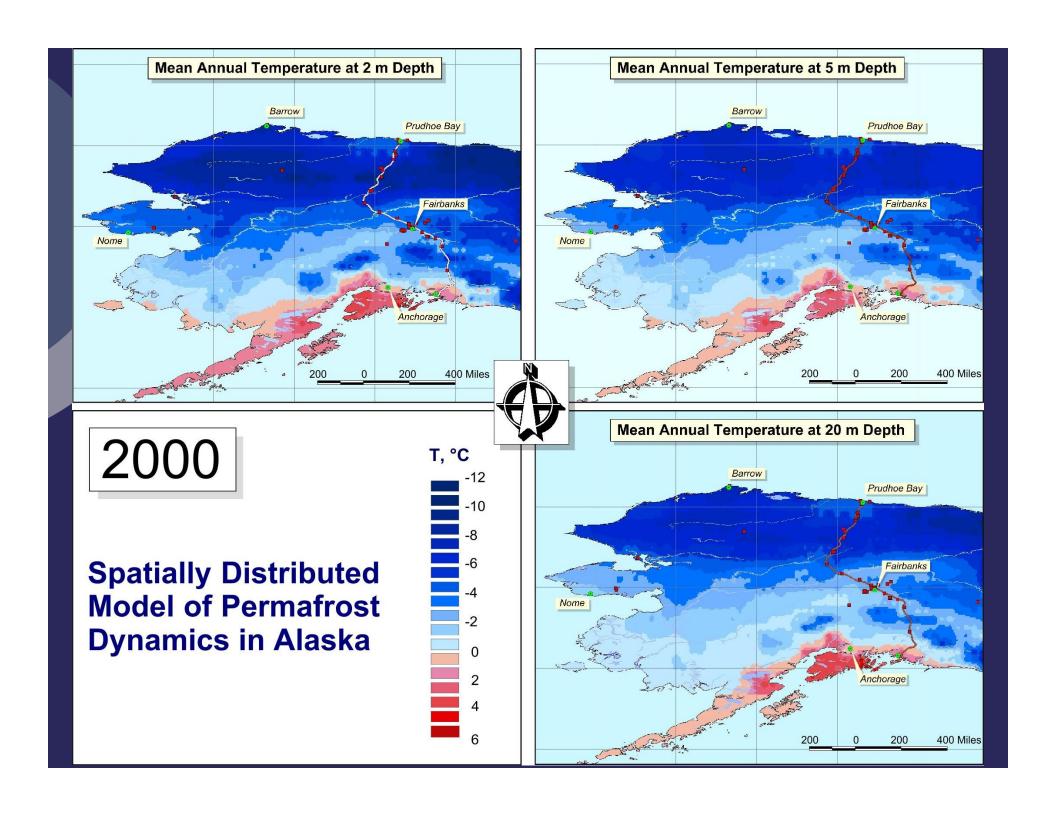


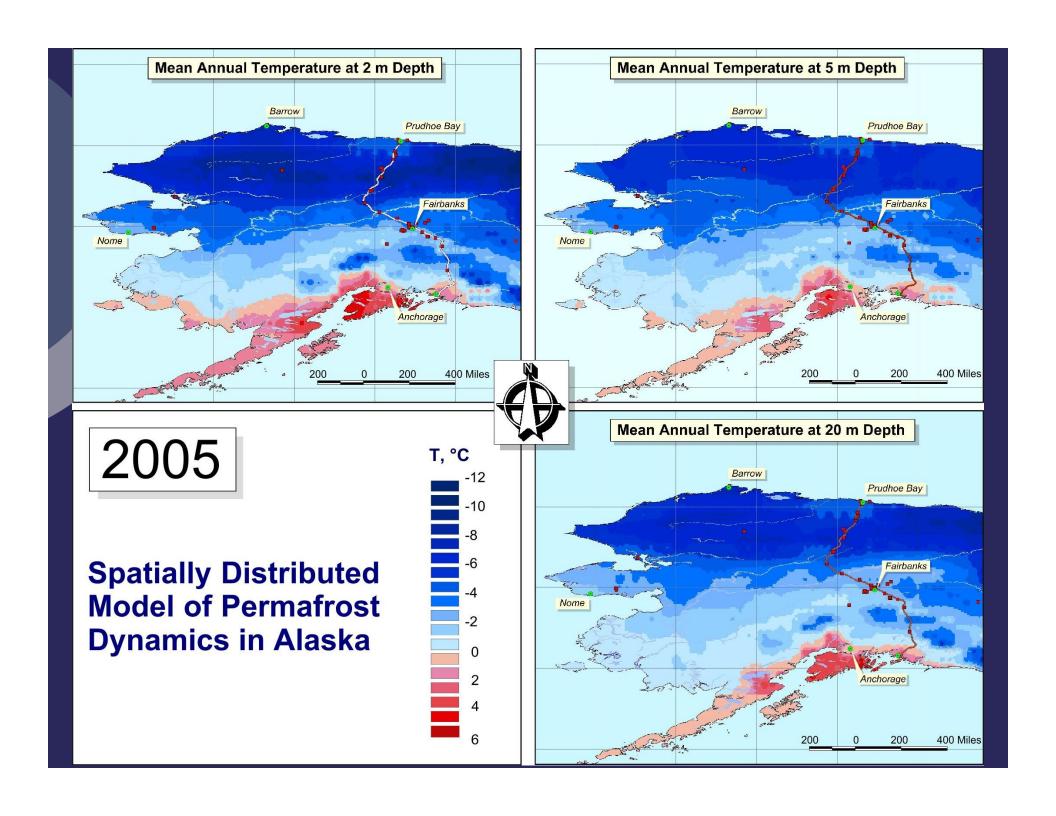


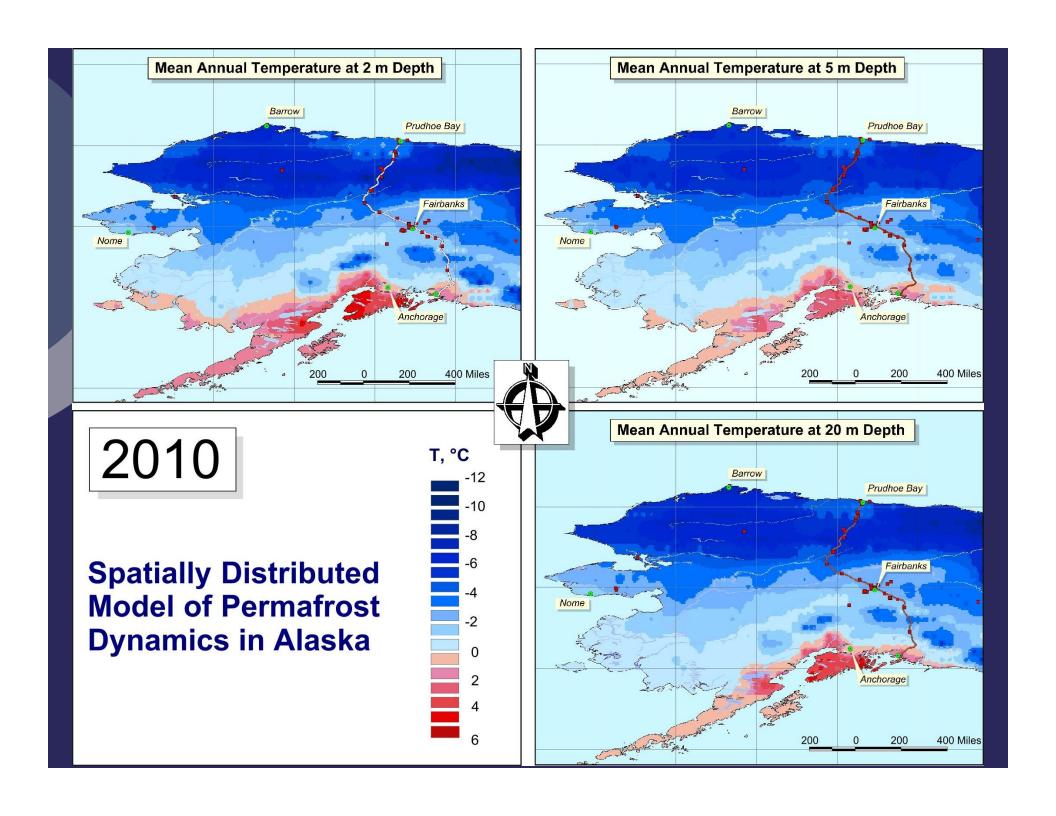


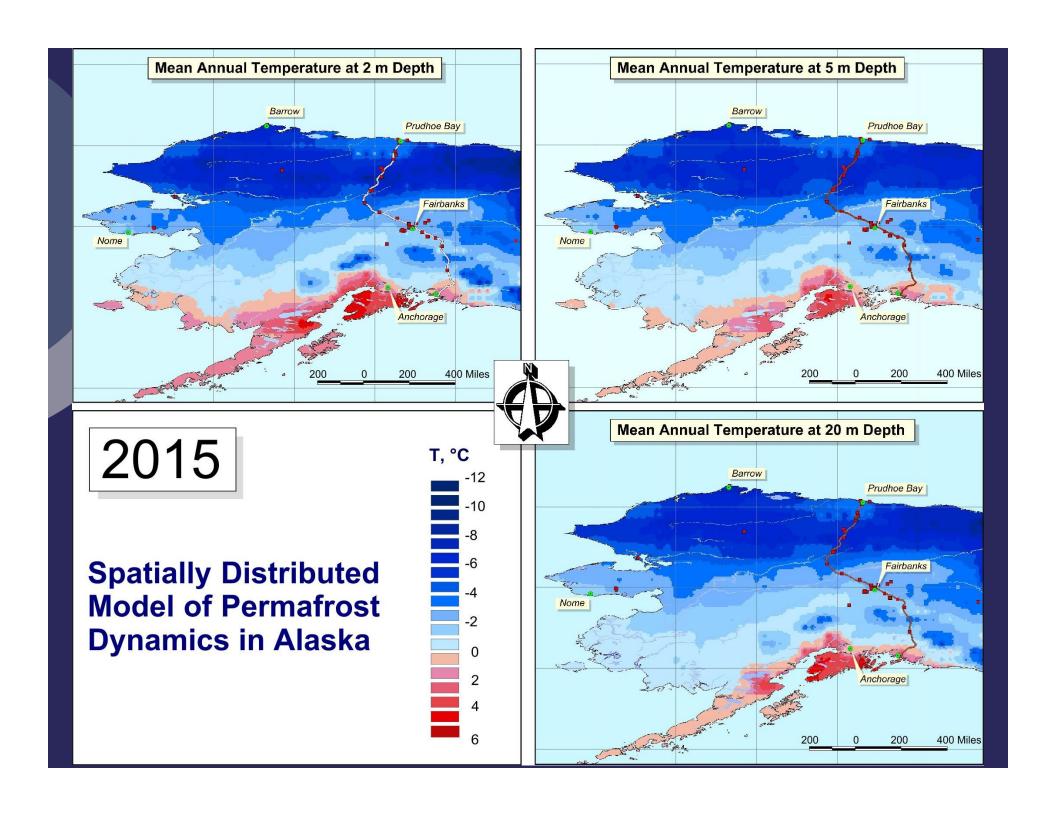


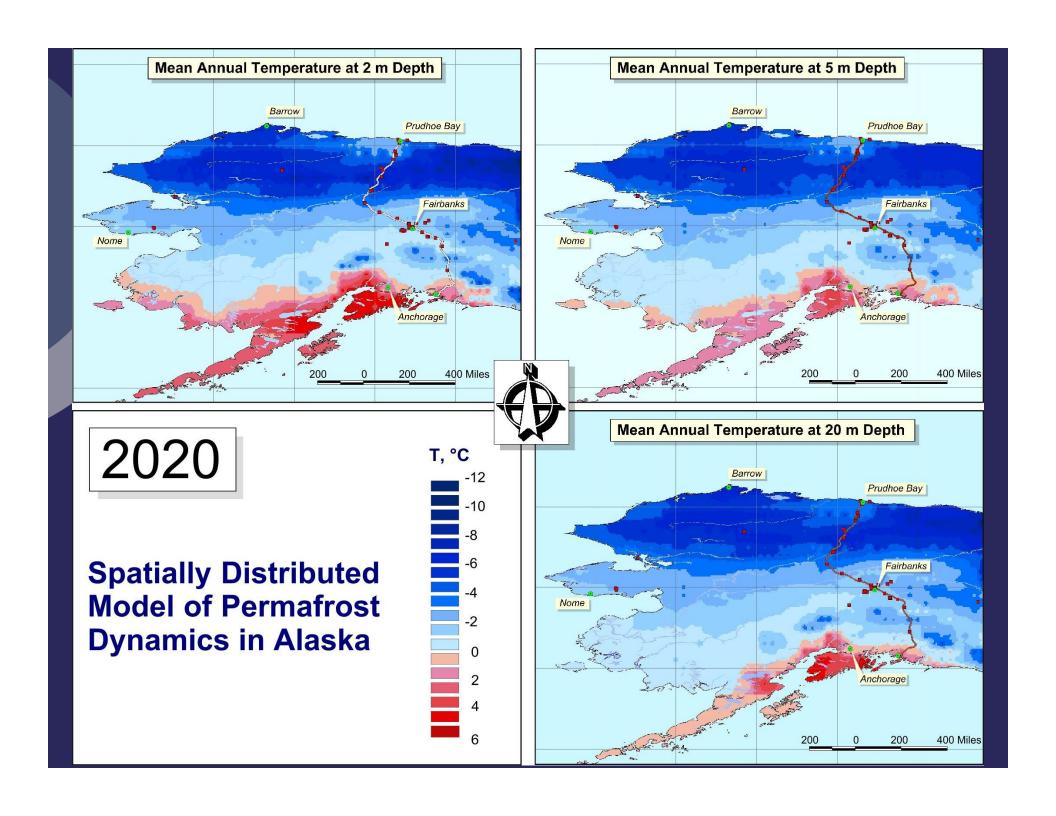


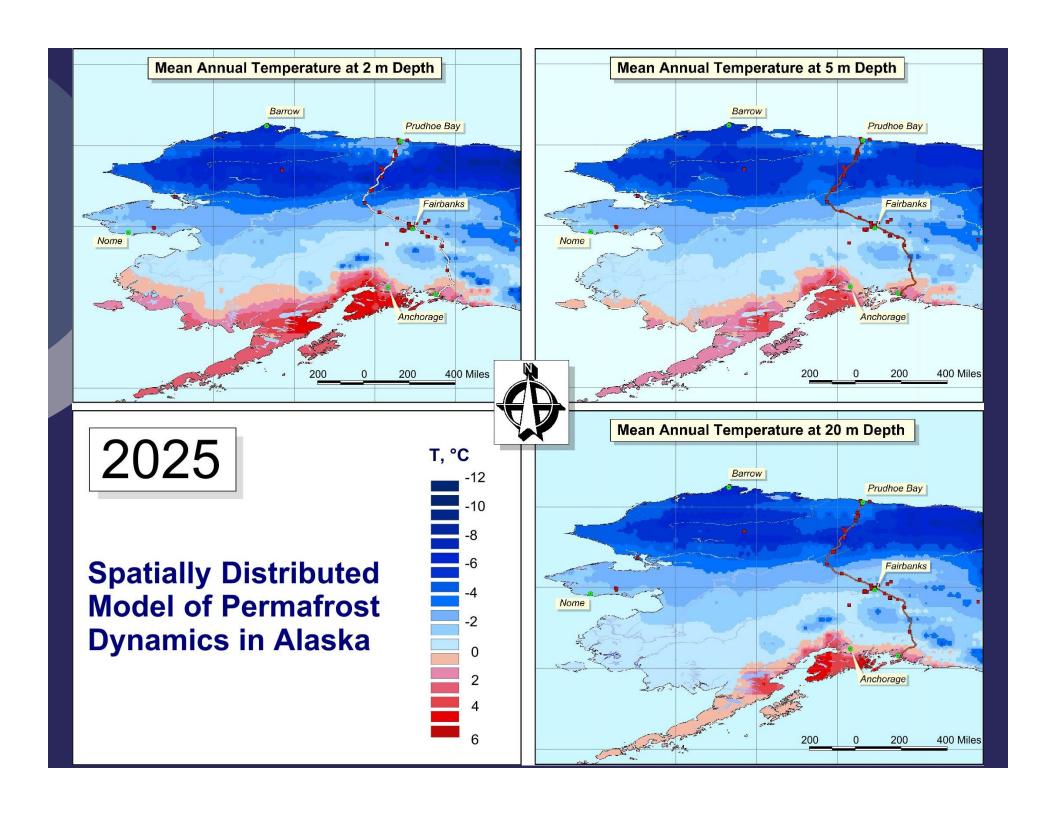


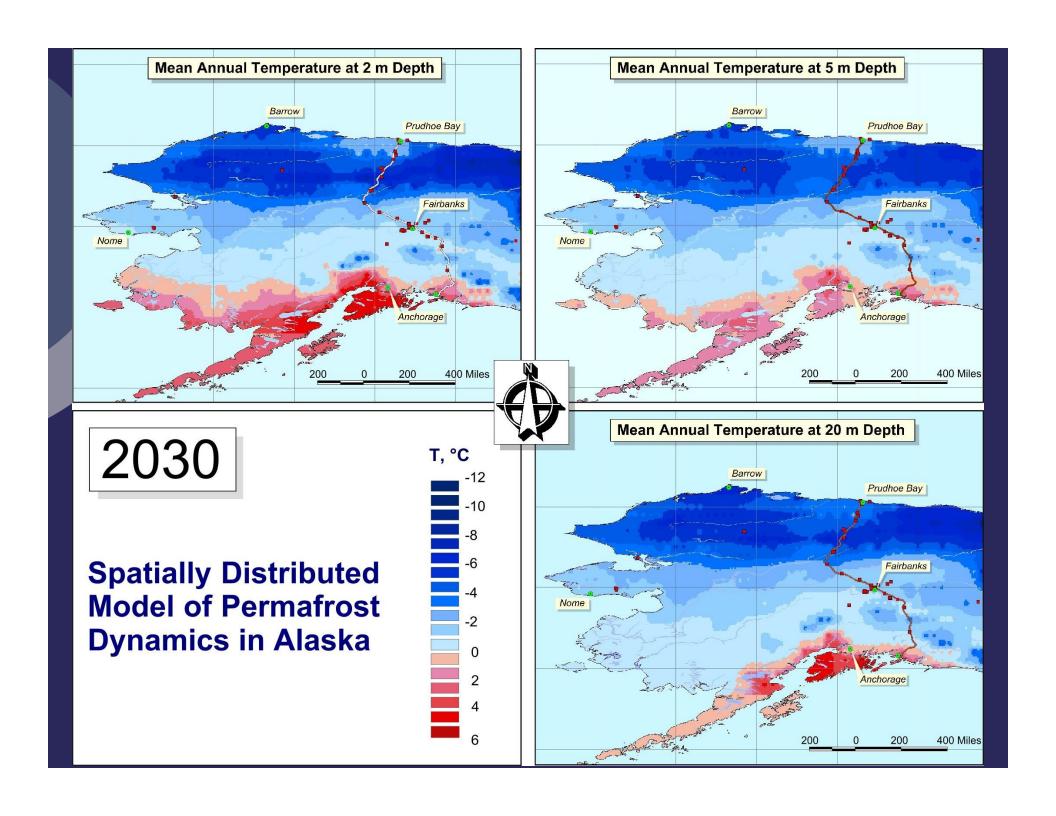


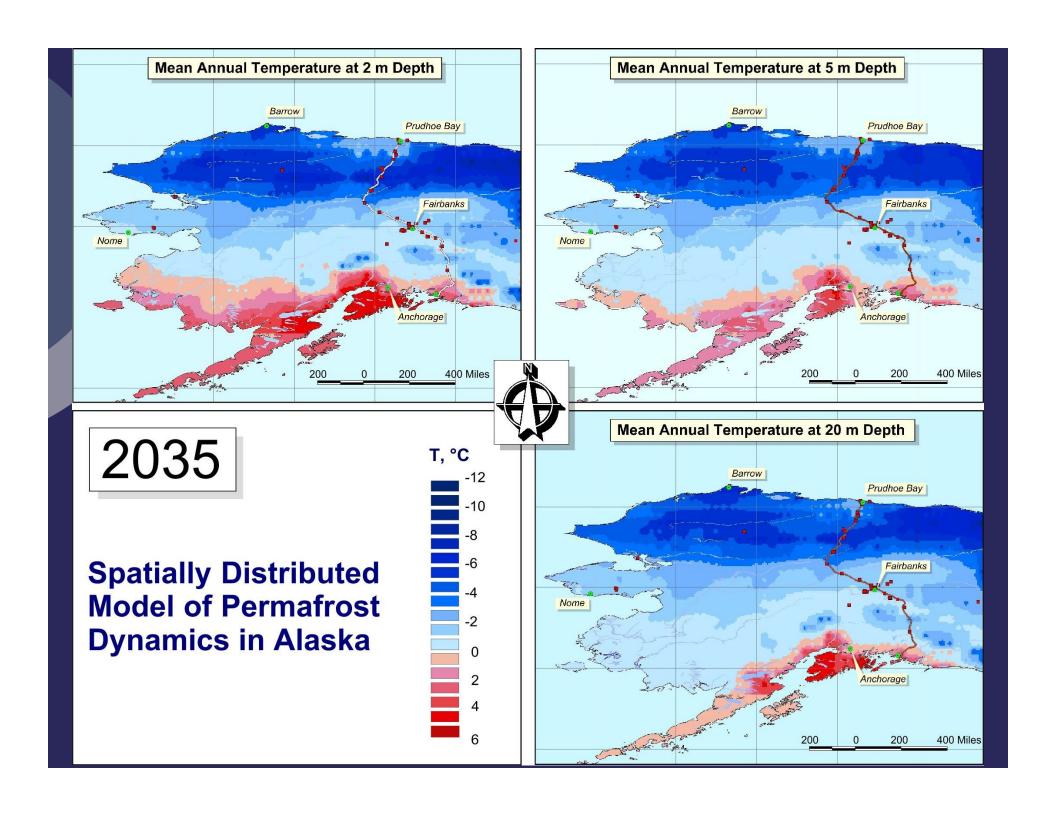


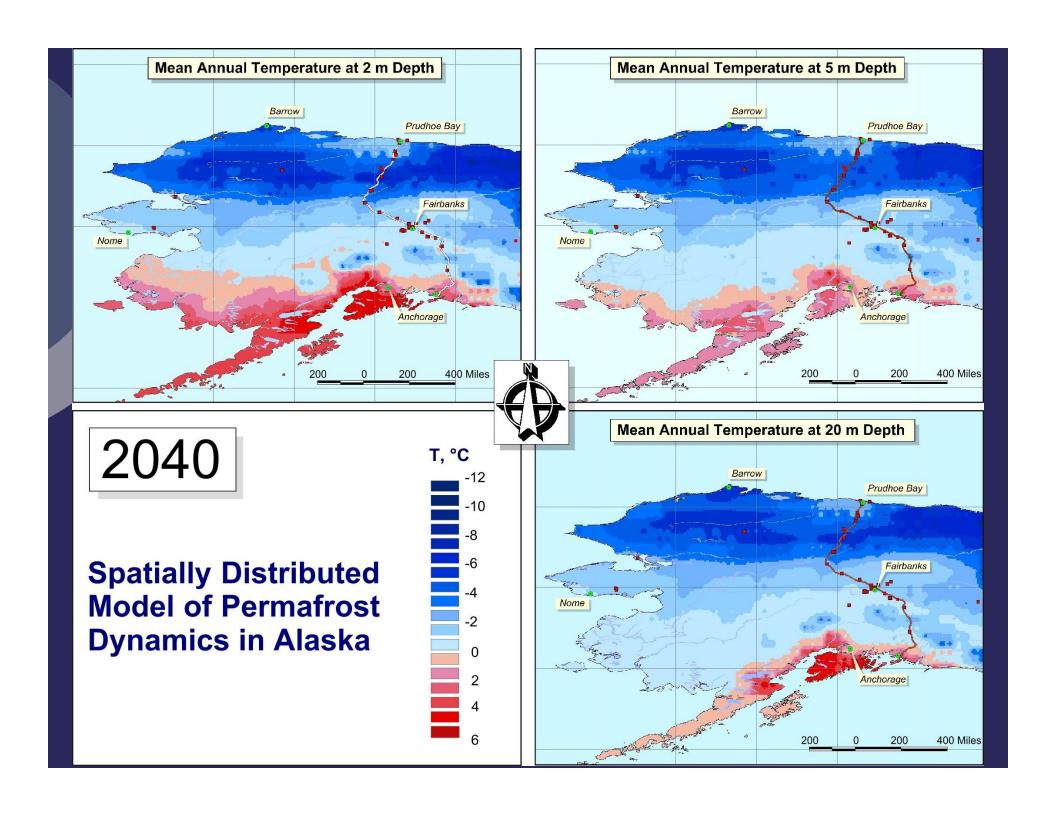


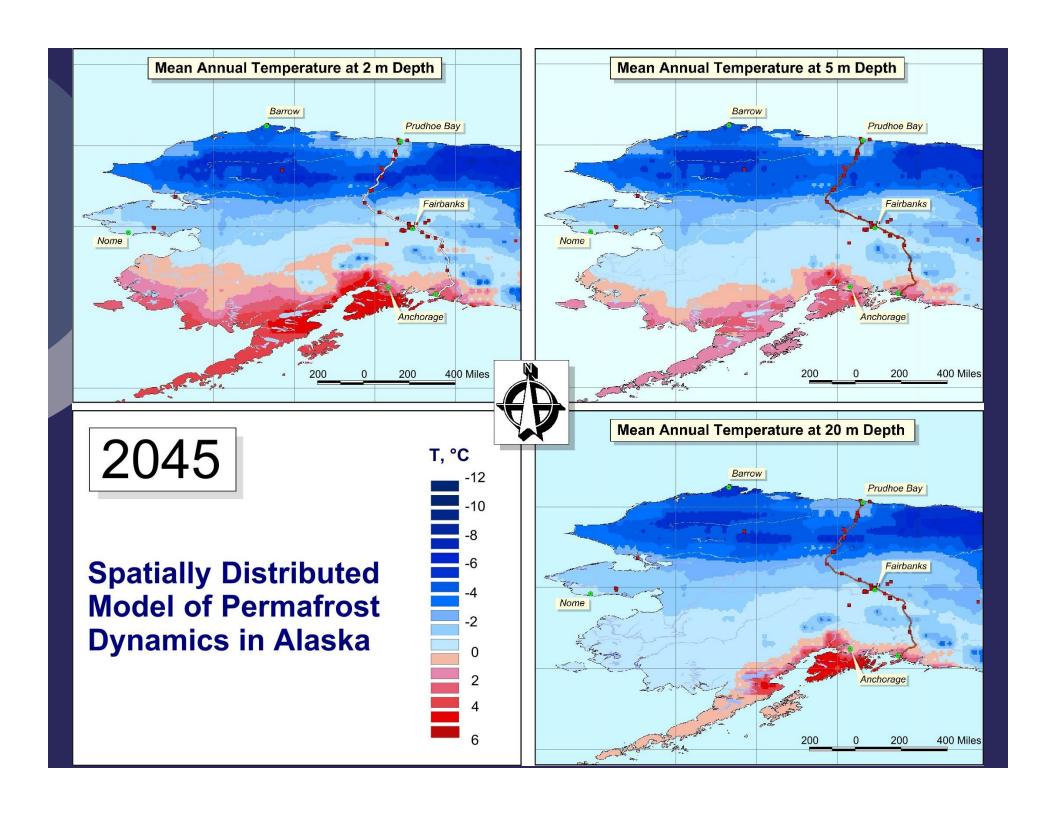


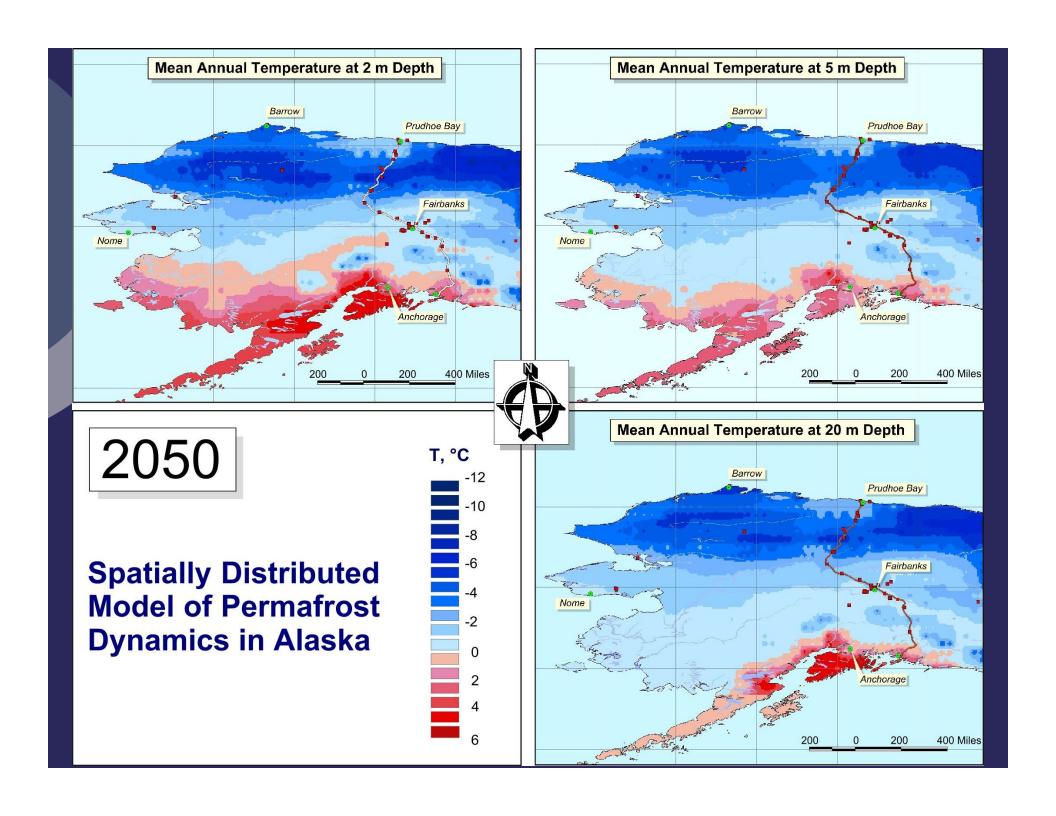












Economics

- ❖ Financing a \$26+ Billion Enterprise
- Infrastructure
- Steel
- Training/Retaining Qualified Labor
- Natural Gas Prices



Infrastructure

- Approximately \$2 Billion in Alaska Projects to improve safety and drivability and maintainability
 - * 52 Highway Projects
 - * 6 Airports
 - * 14 Bridges
 - * 15 Facilities
- Canada?
 - * No firm estimates are available



Steel

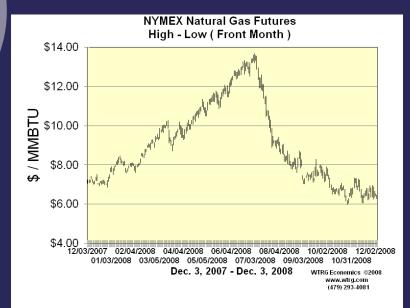
Estimated 1.1 million tons in U.S.
 Estimated 1.4 million tons in Canada

Photo provided by North American Pipeline Inc.

Training/Retaining Qualified Labor



Natural Gas Prices and Supply









Office of the Federal Coordinator Alaska Natural Gas Transportation Projects

Washington, DC Location: 1101 Pennsylvania Avenue, NW, 7th Floor Washington, D.C. 20004 (202) 756-4955

> Anchorage, AK Location: 411 W 4th Ave. 2nd Floor Anchorage, Alaska 99501 (907) 257-1364

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