

**Climate Change Impacts to Infrastructure:
Recommendations for the State of Alaska's Climate Action Plan**

February 26, 2018
Alaska Native Tribal Health Consortium
4000 Ambassador Drive, Anchorage, AK 99508
Conference Rooms One and Two

Purpose: Educate the Governor's Climate Action Leadership Team on what is happening now to address climate impacts to infrastructure, predicted future impacts, barriers to success, good practices to recommend, and recommendations for ways the State of Alaska can reduce risk and mitigate impacts.

Participants: presenters listed below, additional subject matter experts, members of the Governor's Climate Action Leadership Team, interested members of the public.

Outputs: Climate Action Leadership Team will create a report summarizing discussion and recommendations.

Desired outcome: Increase the effectiveness of the State of Alaska's Climate Action Plan.

Draft Agenda

8:30a **Welcome** Nils Andreassen, Secretariat, Climate Action Leadership Team
Summary of ANTHC's Climate Change Work: Mike Brubaker, ANTHC
Overview of Alaska's Infrastructure: Dave Beveridge, ANTHC

9:15a **EVALUATING RISK**

- basic mechanics and status of threat; predictions for future (e.g. 2030, 2050, 2100)
- barriers to addressing threat (e.g. data gaps)
- good practices and recommendations for more effective immediate response
- 1-3 recommendations for specific actions the State of Alaska can take to mitigate risk

Sea Level Change: Nicole Kinsman, Alaska Regional Advisor, NOAA

Permafrost: Vladimir Romanovsky, University of Alaska Fairbanks

Erosion and Flooding: Bruce Sexauer, US Army Corps of Engineers

Coastal Hazards: Jacquelyn Overbeck, Alaska Department of Natural Resources

10:15a **BREAK**

10:30a **UNDERSTANDING IMPACTS**

- current efforts to address impacts and barriers to success
- good practices and recommendations for more effective immediate response
- recommendations for specific actions the State of Alaska can take to improve response and/or mitigate risk

Roads and Airports: Ryan Anderson, State Department of Transportation and Public Facilities

Infrastructure Engineering: Dan White, University of Alaska Fairbanks (*invited*)

Water and Sanitation: Bill Griffith, Water Division, Dept. of Environmental Conservation and Brian Lefferts, Yukon-Kuskokwim Health Corporation

Noon **WORKING LUNCH**

Potential Actions: Protection in Place and Relocation

- Don Antrobus, Denali Commission
- Sally Cox, Division of Community and Regional Affairs

1:00p **Federal Agency Action, Policy, and Funding Discussion**

Facilitated by Nils Andreassen, Secretariat, Climate Action Leadership Team

Denali Commission

Tom Hennessy, CDC (*invited*)

Malinda Chase, BIA (*invited*)

Tammy Fordham, EPA (*invited*)

Steve Gray, USGS Climate Science Center (*invited*)

Phillip Johnson, DOI (*invited*)

Brent Nichols, DHSEM (*invited*)

HUD (*invited*)

EDA (*invited*)

USDA-RD (*invited*)

2:30p **BREAK**

3:00p **Immediate and Long-term Action Discussion**

Facilitated by Nils Andreassen, Secretariat, Climate Action Leadership Team

4:30p Adjourn