





Our vision is that "Alaska Native people are the healthiest people in the world".





Climate Change and Indigenous People









Challenges:

- Soil conditions are site specific
- Timely adaptation restricted to federal regulations and land designation
- Lack of funding for monitoring
- Lack of innovative response to urgency
- Short-term alternative, possibly only alternative









Opportunities:

- Innovative Engineering and R&D of new infrastructure
- Integrating Indigenous Knowledge and Traditions
- Potential for phased design approach while awaiting infrastructure
- Creative approaches to adaptation





ANTHC Innovative Approaches:

Oscarville Tribal Resiliency Plan – A Holistic Approach to Sustainable Northern Communities

Newtok to Mertarvik Relocation Plan

Portable Alternative Sanitation System (PASS)

Modular Systems – Moveable for Adaptation

Climate Impact Response Team (CIRT) – Planning for adaptation, saving infrastructure



















Identifying health effects of climate change in Alaska







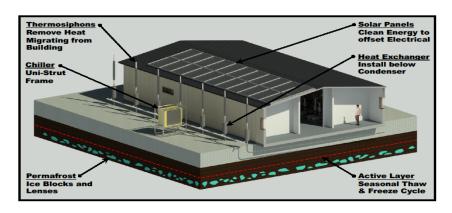
Flexible Arctic Box Design



Modular Water Treatment Plant



Portable Alternative Sanitation System



Solar powered Thermosiphons to control ground temperatures



Climate Change in Quinhagak

Permafrost Thaw: Settling of infrastructure biggest source of damage

- Erosion
- Flooding

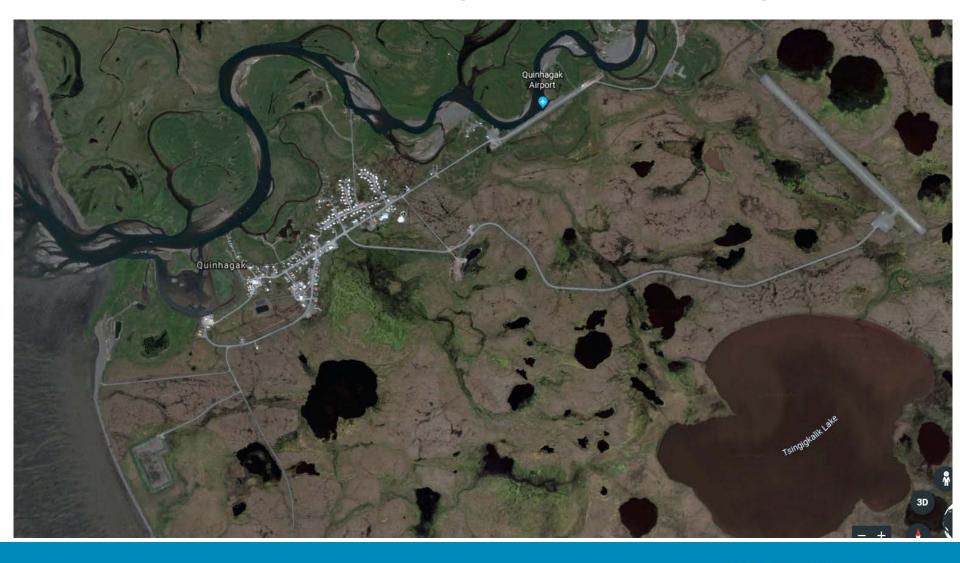








Climate Change in Quinhagak









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