

# Institute of Northern Engineering Pubinar!

**Friday, February 16, 3:30pm, UAF Pub**

## **Permafrost-related causes and consequences of the Sagavanirktok River Delta flooding in Spring 2015**

Presented By: Yuri Shur

Flooding of the Dalton Highway in March and May 2015 caused its closing for several weeks. The Alaska governor Bill Walker twice (in April and May) issued Declarations of Disaster Emergency due to the unprecedented flooding. The declarations acknowledged the severe impact and damage to highway infrastructure, including the road surface, embankments, and drainage structures; restricted or prohibited travel that caused economic hardship to local, regional, and international business; an urgent need for immediate road repairs and flow diversion efforts to alleviate future threats to that infrastructure. Causes of the severe Dalton Highway flooding were widely attributed to high precipitations in the previous summer, cold winter, and to warm spring. In the presentation, we consider other causes of flooding and an impact of flooding on permafrost and shore erosion.

Join via your computer, smart phone and/or phone (audio and visual):

<https://zoom.us/j/275612771>

Meeting ID: 275-612-771

Or dial (for 2<sup>nd</sup> option audio):

[669 900 6833](tel:6699006833) or [646 558 8656](tel:6465588656)

