



**UAA College of Engineering**  
UNIVERSITY of ALASKA ANCHORAGE



UAA Professional Development Seminar Series

## **Snow Cover in Alaska: Comprehensive Review**

Presented by Kurt Meehleis

This presentation will cover the methodology and results of a statistical analysis of snow cover in Alaska, compiled using historical data acquired from the Global Historical Climatology Network. Data cleaning and a distribution analysis were completed for all Alaska stations which measured snow depth and snow water equivalence from 1950 to 2017. Regression equations were developed to estimate snow water equivalence.

**Kurt Meehleis** is a licensed civil engineer, specializing in hydrologic and hydraulic modeling, analysis, and design. His expertise is in storm water collection and routing, treatment systems, stream crossing structures, and Storm Water Pollution Prevention Plan (SWPPP) development. He is currently a full-time student, pursuing his Masters of Science in Civil Engineering at UAA's College of Engineering.

Friday, March 23, 2018  
11:45 am-12:45 pm  
UAA College of Engineering  
EIB 211