



UAA College of Engineering
UNIVERSITY of ALASKA ANCHORAGE



UAA Professional Development Seminar Series

Chemistry for Contingency Planning: Managing Invasive Pest and Oil Spills in the Subarctic

Presented by Patrick Tomco

High-latitude regions experience unique contaminant exposure scenarios when compared to temperate regions, due to long, cold, dark winters. Permitting and response decisions in Alaska are typically extrapolations from research findings conducted in lower latitudes, where contaminant attenuation, fate/transport, and toxicological effects can vary from those experienced here. This talk will highlight several recent research studies on this topic that are useful for contingency planning, including pesticide persistence and oil spill toxicity.

Patrick Tomco is an Assistant Professor of Chemistry at UAA and Manager of the ASET (Applied Science Engineering and Technology) Lab housed in the ConocoPhillips Integrated Science Building. Dr. Tomco is the Chair of the local Alaskan section of the American Chemical Society. His research interests are in the field of environmental organic chemistry, particularly in the persistence and toxicology of contaminants in cold regions.

Friday, April 12, 2019

11:45 am-12:45 pm

UAA College of Engineering, EIB 211