



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



UAA Professional Development Seminar Series

## **Meandering vs. Braided Rivers: Bank Erosion Challenges Along the Matanuska River**

Presented by Paul Janke, PhD, PE, AK  
DOT&PF

The presentation will discuss the following topics: The three basic types of natural streams (straight, meandering, and braided), characteristics of these stream types, general locations of braided streams, characteristics of braided streams, why braided streams such as the Matanuska River are a problem for the Glenn Highway and Old Glenn Highway, and design strategies to protect the Glenn Highway and the Old Glenn Highway.

Paul Janke is a licensed Civil Engineer in Alaska. He has been working with the State of Alaska as the regional hydrologist for the Alaska Department of Transportation and Public Facilities for 23 years. Paul has worked for four departments with the State of Alaska for a total of 43 years. He has achieved a Bachelor of Science in Engineering, a Master of Science in Civil Engineering, and a PhD in Civil Engineering specializing in hydraulic engineering.

Friday, October 29, 2021

11:45 am-12:45 pm

Online Via [YouTube Live](#)