



UAA Professional Development Seminar Series

## **Ketchikan Shipyard: An Early 21st Century Success Story**

Presented by G. Craig Freas, PE, SE PEng



As Alaska's first city, Ketchikan has long been a trade and transportation hub for southeast Alaska. This presentation will discuss the \$150 million expansion program for a publicly-owned, privately operated shipbuilding and repair yard in Ketchikan, Alaska. The positive economic impacts of the improvements made to the shipyard are evident given the economic history of the region. Craig will address the

goals and objectives of the expansion program, funding sources, key elements of the plan, project construction, and workforce development.

Mr. Freas is a Senior Project Manager with AECOM Alaska. He is a registered civil engineer in Alaska and several Canadian Provinces, and a registered structural engineer in Alaska. Craig has over 47 years of experience and has practiced in Alaska since 1970. He has managed major projects in every region of the state, from Prudhoe Bay to Ketchikan and from Ft. Yukon to Shemya on the Aleutian Chain. His specialties include foundations, structures, remote construction and facilities exposed to harsh environmental conditions. He manages heavy civil and industrial projects for a wide variety of public and private clients. Craig has managed over 40 marine assignments throughout Alaska and North America. His recent marine projects have included an offshore base in Nova Scotia (\$75M), an LNG terminal in British Columbia (\$350M), and a \$30M design-build project at the Port of Anchorage. Craig was AECOM's manager for the \$150M Ketchikan Shipyard expansion program, which involved multiple contracts, including with foreign tenders.

**Friday, December 8, 2017**

**11:45 am-12:45 pm**

**UAA College of Engineering, EIB 211**