

Alaska Capital Engineers

A branch of the American Society of Civil Engineers

October 2023 Newsletter

October Presentation:

Eran Hood

Professor of Environmental Science, UAS

MEETING LOCATION:

University of Alaska, Auke Bay Campus

UAS Recreation Center Room 116

**Note: This is not the same
building/room previously used**

See Attached Map

Date: October 10th

Time: 12:00 PM

Cost: \$20 (includes lunch)

Suicide Basin is a glacier-fed lake along the margin of the Mendenhall Glacier in Juneau, Alaska. Each summer since 2011, Suicide Basin has collected melt and rainwater, creating a temporary glacier-dammed lake. Water that accumulates in the basin is typically released through channels that run beneath the glacier. These lake drainage events start slowly and then rapidly accelerate as the flowing water widens the drainage channels beneath the ice, resulting in a glacier lake outburst flood. Between 2011 and 2022, these annual outburst events led to minor to moderate flooding along Mendenhall Lake and Mendenhall River, which flows through the most heavily populated neighborhood in Juneau. However, in 2023 the outburst flood from Mendenhall glacier resulted in the highest streamflow ever measured on the Mendenhall River and resulted in extensive damage to homes and properties in the Mendenhall Valley. This talk will explore the causes of the 2023 flood as well as future directions for research on this hazard.

Visit our website at <https://branches.asce.org/juneau/> for the following:

PDH Certificates, Newsletters, ASCE Membership, Job Postings

Announcements and More!

Newsletter Sponsorship

This time of the year is also a great opportunity to support the ASCE Juneau Branch through newsletter sponsorship. The cost of sponsorship is \$200 for a 2"x3.5" business card sized ad and \$250 for a 4"x6" sized ad. Your company's ad will run in the newsletter for the 2023-2024 season. Sponsors are also welcome to place announcements and job notices in the newsletter and on the Juneau Branch website. Sponsorship ad letters with more information were sent out at the end of August. If you did not receive one and would like to host your ad in the monthly newsletter, please reach out to micki.minsch@respec.com.

Current Job Postings

(Visit <https://branches.asce.org/juneau/> for more information)

RESPEC - Senior Civil Engineer - Juneau, AK
RESPEC - Senior Structural Engineer - Juneau, AK
RESPEC - Civil Engineer-in-Training - Juneau, AK
RESPEC - Land Surveying Technician - Juneau, AK
RESPEC - Electrical BIM Technician - Juneau, AK
RESPEC - Alaska Water Resources Lead - Juneau, AK
AK DOT&PF - Technical Engineer I/Architect 1 - Juneau, AK
AK DOT&PF - Engineering Assistant 2/3 - Juneau, AK
AK DOT&PF - Engineering Technician, Sub-Journey 3 - Juneau, AK
DOWL - Transportation Project Engineer 1 - Juneau, AK
DOWL - Field Project Representative 3 - Juneau, AK
DOWL - Civil Designer - Entry Level - Juneau, AK
DOWL - Transportation Design Engineer (Engineer 3) - Juneau, AK

PND Engineers, Inc - Structural Engineer - Juneau, AK
proHNS LLC - Project Engineer - Juneau, AK
proHNS LLC - Construction Manager - Craig, AK
proHNS LLC - Civil/Environmental Engineer - Juneau, AK
proHNS LLC - Resident Civil Engineer - Haines, AK
DOWL - Aviation Project Engineer (Mid to Senior level) - Fairbanks, AK
DOWL - Transportation Designer - Juneau, AK
DOWL - Project Manager - Transportation Engineering - Juneau, AK
DOWL - Transportation Designer - Entry Level Engineer - Juneau, AK
DOWL - Aviation Designer 1 (Engineer 1) - Fairbanks, AK
DOWL - Structural Design Engineer - Juneau, AK

Local Branch Officers:

2023-2024 ALASKA CAPITAL ENGINEERS OFFICERS

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School Outreach/STEM Coordinator - Please Volunteer
Dream Big Coordinator - Please Volunteer

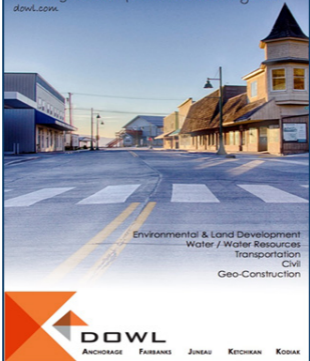
ASPE - Alaska Society Contacts

Past President – Chris Miller, PE
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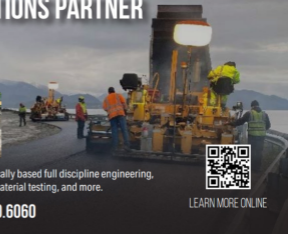


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