

# Alaska Section American Water Resources Association

Juneau, Centennial Hall

## AGENDA as of 9/11/2019

### September 17, 2019: *Big Picture Water Issues and Southeast Examples*

9:20 am	Flight from Anchorage lands in Juneau
10:00 am-11:00 am	Doors open at Centennial Hall, pick up name tags, store luggage
11:00 am – 11:15 am	Welcome and Introductory Remarks: <i>Jessica Cherry (NWS)</i>
11:15 am – 12:15 pm	Keynote Speaker: <i>Jules Tileston (retired BLM, DNR)</i> on Wild and Scenic Rivers Act, Water Rights in Alaska, Fortymile River
12:15 pm – 1:15 pm	<u>Catered lunch</u>
1:15 pm – 1:35 pm	<i>Carl Reese (DNR)</i> : Regulatory and Hydrologic Considerations for Water Right Applications
1:35 pm – 1:55 pm	<i>Ann Marie Larquier (ADFG)</i> : Protecting Fish and Wildlife Habitat: Alaska's Instream Flow Reservations Program
1:55 pm – 2:40 pm	Panel discussion and Q&A on Water Rights ( <i>Tileston, Larquier, Reese, Burger (NPS), Hamblen (Takshanuk), Hanlon (Yakutat Tlingit Tribe)</i> ), moderated by <i>Cherry</i> )
2:40 pm – 3:00 pm	<u>Coffee and tea break</u>
3:00 pm – 3:20 pm	<i>Jennifer Hamblen (Takshanuk Watershed Council)</i> : Water Quality Monitoring in the Chilkat Watershed, Haines, Alaska
3:20 pm – 3:40 pm	<i>Sonia Nagorski (UAS)</i> : Spawning salmon deliver marine-derived contaminants to southeast Alaskan streams
3:40 pm – 4:00 pm	<i>Angie Mendbayar (Juneau District Heating)</i> : Heating Buildings with Warmed Seawater
4:00 pm – 6:00 pm	Intro to Posters, Posters, and <u>catered reception with no-host bar</u>

### September 18, 2019: *Statewide and Regional Hydrology*

7:30 am – 8:30 am	<u>Catered hot breakfast</u>
8:30 am -- 8:50 am	<i>Jeff Conaway (USGS)</i> : Overview of the 2019 Water Year at USGS Streamgages
8:50 am -- 9:10 am	<i>Chris Arp (UAF)</i> : Hydrological System Regime Change from the Fish Creek Watershed Observatory in northern Alaska
9:10 am -- 9:30 am	<i>Bob Bolton (UAF)</i> : Permafrost, Snow, and Vegetation Interactions on the Seward Peninsula
9:30 am -- 9:50 am	<i>Terry Schwarz (DNR)</i> : Alaska Groundwater Monitoring Program
9:50 am -- 10:20 am	<u>Coffee and tea break</u>

10:20 am – 10:40 am	<i>Janet Curran (USGS):</i> Alaska hydrograph and peak streamflow seasonality and the influence of streamflow drivers
10:40 am -- 11:00 am	<i>Aaron Jacobs (NWS):</i> Atmospheric Rivers in Alaska
11:00 am -- 11:20 am	<i>Carl Dierking (UAF):</i> Polar Satellite Data for Hydrologic Applications in Alaska
11:20 am – 12:00 pm	Rapid talks / Visualization Gallery
12:00 pm -- 1:00 pm	<u>Catered lunch</u>
1:00 pm -- 1:20 pm	<i>Luca Adelfio (USFS):</i> Streamflow data collected for instream water reservations at Bering River, Alaska
1:20 pm -- 1:40 pm	<i>Christian Kienholz (UAS):</i> Monitoring the 2018 and 2019 outburst floods at Juneau’s Mendenhall Glacier
1:40 pm -- 2:00 pm	<i>Dina Abdel-Fattah (UAF):</i> The role of stakeholder feedback in glacial lake outburst flood monitoring tools – Mendenhall and Snow Glaciers
2:00 pm – 2:20 pm	<u>Coffee and tea break</u>
2:20 pm -- 2:40 pm	<i>Jeff Conaway (USGS):</i> U.S. Geological Survey Water Quality Strategy for Transboundary Alaskan Rivers
2:40 pm – 3:00 pm	<i>Eran Hood (UAS):</i> Using dendrochronology to reconstruct Juneau's avalanche history
3:00 pm – 3:50 pm	Rapid Talks/discussion
4:00 pm -- 5:00 pm	<b>Field trip to Gold Creek Hydropower facility (walk to, optional)</b>
5:00 pm onwards	<u>Dinner on your own</u>

### September 19, 2019: Water, Fish, and Habitat

7:30 am -- 8:30 am	<u>Catered breakfast (everyone) – AWRA business meeting (open)</u>
8:30 am -- 8:50 am	<i>Aaron Jacobs (NWS):</i> Drought in a rainforest
8:50 am -- 9:10 am	<i>Cindy Hartmann Moore (NMFS):</i> Alaska's ShoreZone Imagery and Habitat Mapping Data
9:10 am -- 9:30 am	<i>Katherine Prussian (USDA):</i> Large Wood Stream Restoration Using Hand Methods
9:30 am -- 10:00 am	<u>Coffee and tea break</u>
10:00 am -- 10:20 am	<i>Bernard Romey (Romey Fisheries and Aquatic Sciences):</i> Landscape-level Model for Predicting Juvenile Coho Salmon Rearing Habitat in Southeast Alaska
10:20 am -- 10:40 am	<i>Hal Shepard (Water Policy Consulting):</i> Salmon Die-off and the Changing Landscape in the Norton Sound Region
10:40 am – 11:00 am	<i>Katherine Prussian (USDA):</i> Promoting Natural Resource Jobs with Local Youth and Real Projects

11:00 am -- 11:15 am	Closing remarks ( <i>Cherry and Larquier</i> )
11:15 am	<u>Sack lunches to go</u>
1:00 pm	Flight departs Juneau for Anchorage
1:00 pm	Interagency Hydrology Committee of Alaska meeting, Room 445C on the 4th floor of the Federal building (709 W 5th Street)

## Posters

*Chris Arp (UAF)*, Fresh Eyes on Ice: Connecting Arctic Communities through a Revitalized and Modernized Freshwater Ice Observation Network

*Jason Fellman (UAS)*, From glacial, to snow, to rain: Effects of hydrochemical homogenization on stream food webs in southeast Alaska

*Connor Johnson (UAS)*, Influence of watershed characteristics on invertebrate and organic matter density

*Rick Lader (UAF)*, Historical and projected precipitation extremes for Southeast Alaska

*Katherine Prussian (USDA)*, Landslide Data Efforts around Sitka

*Ross Spicer (UAF)*, Exploring Thermokarst Initiation for the Alaska Thermokarst Model