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: Jessica Cherry (NWS)

11:15 am - 11:50 am
Keynote Speaker: Jules Tileston (retired BLM, DNR) on Wild and Scenic Rivers Act, Water Rights in Alaska, Fortymile River

12:15 pm - 1:15 pm
Carl Reese (DNR): Regulatory and Hydrologic Considerations for Water Right Applications

1:15 pm - 1:55 pm
Ann Marie Larquier (ADFG): 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 (Tileston, Larquier, Reese, Burger (NPS), Hamblen (Takshanuk), Hanlon (Yakutat Tlingit Tribe), moderated by Cherry)

2:40 pm - 3:00 pm
Coffee and tea break

3:00 pm - 3:20 pm
Jennifer Hamblen (Takshanuk Watershed Council): Water Quality Monitoring in the Chilkat Watershed, Haines, Alaska

3:20 pm - 3:40 pm
Sonia Nagorski (UAS): Spawning salmon deliver marine-derived contaminants to southeast Alaskan streams

3:40 pm - 4:00 pm
Angie Mendbayar (Juneau District Heating): Heating Buildings with Warmed Seawater

4:00 pm - 6:00 pm
Intro to Posters, Posters, and catered reception with no-host bar

September 18, 2019: Statewide and Regional Hydrology

7:30 am - 8:30 am
Catered hot breakfast

8:30 am - 8:50 am
Jeff Conaway (USGS): Overview of the 2019 Water Year at USGS Streamgages

8:50 am - 9:10 am
Chris Arp (UAF): Hydrological System Regime Change from the Fish Creek Watershed Observatory in northern Alaska

9:10 am - 9:30 am
Bob Bolton (UAF): Permafrost, Snow, and Vegetation Interactions on the Seward Peninsula

9:30 am - 9:50 am
Terry Schwarz (DNR): Alaska Groundwater Monitoring Program

9:50 am - 10:20 am
Coffee and tea break
10:20 am – 10:40 am  | Janet Curran (USGS): Alaska hydrograph and peak streamflow seasonality and the influence of streamflow drivers
10:40 am -- 11:00 am  | Aaron Jacobs (NWS): Atmospheric Rivers in Alaska
11:00 am -- 11:20 am  | Carl Dierking (UAF): Polar Satellite Data for Hydrologic Applications in Alaska
11:20 am – 12:00 pm  | Rapid talks / Visualization Gallery
12:00 pm -- 1:00 pm  | Catered lunch
1:00 pm -- 1:20 pm  | Luca Adelfio (USFS): Streamflow data collected for instream water reservations at Bering River, Alaska
1:20 pm -- 1:40 pm  | Christian Kienholz (UAS): Monitoring the 2018 and 2019 outburst floods at Juneau’s Mendenhall Glacier
1:40 pm -- 2:00 pm  | Dina Abdel-Fattah (UAF): The role of stakeholder feedback in glacial lake outburst flood monitoring tools – Mendenhall and Snow Glaciers
2:00 pm – 2:20 pm  | Coffee and tea break
2:40 pm – 3:00 pm  | Eran Hood (UAS): Using dendrochronology to reconstruct Juneau’s avalanche history
3:00 pm – 3:50 pm  | Rapid Talks/discussion
4:00 pm -- 5:00 pm  | **Field trip to Gold Creek Hydropower facility** (walk to, optional)
5:00 pm onwards  | Dinner on your own

---

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

7:30 am -- 8:30 am  | Catered breakfast (everyone) – AWRA business meeting (open)
8:30 am -- 8:50 am  | Aaron Jacobs (NWS): Drought in a rainforest
8:50 am -- 9:10 am  | Cindy Hartmann Moore (NMFS): Alaska’s ShoreZone Imagery and Habitat Mapping Data
9:10 am -- 9:30 am  | Katherine Prussian (USDA): Large Wood Stream Restoration Using Hand Methods
9:30 am -- 10:00 am  | Coffee and tea break
10:00 am -- 10:20 am  | Bernard Romey (Romey Fisheries and Aquatic Sciences): Landscape-level Model for Predicting Juvenile Coho Salmon Rearing Habitat in Southeast Alaska
10:20 am -- 10:40 am  | Hal Shepard (Water Policy Consulting): Salmon Die-off and the Changing Landscape in the Norton Sound Region
10:40 am – 11:00 am  | Katherine Prussian (USDA): Promoting Natural Resource Jobs with Local Youth and Real Projects
11:00 am -- 11:15 am  Closing remarks (Cherry and Larquier)
11:15 am  Sack lunches to go
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