



## Adobe Connect - Chat Transcript from Alaska Climate Webinar Series

Tue, Jun 19, 2018 at 11:56 PM

ACCAP Webinar:We will start right at 10am. I will activate the phone at about 9:45am

TINA BUXBAUM:Everyone hear ok?

James Brooks:yep!

Vivian Mendenhall:sound is fine

TINA BUXBAUM:great. Thanks everyone

Susan Walker:Do you know how this moderate drought is affecting hydropower operations in SEAK? I have heard that utilities are purchasing diesel on the futures markets expecting generating deficits.

ACCAP Webinar:Stay tuned. Aaron will talk about that.

ACCAP Webinar:Aaron will cover the impacts of the drought

Susan Walker:Great! Thanks

James Brooks:Where did that take place, Aaron?

ACCAP Webinar:Ketchikan was using back up power this spring because of water levels

ACCAP Webinar:James, I can ask Aaron for more info on that

Vivian Mendenhall:What % are yellow cedar among rainforest trees? What is effect of their death on rest of the ecological community?

Susan Walker:James, see: KTOO Jan 5, Ketchikan Electric turns on diesel generators due to cold, dry weather.

ACCAP Webinar:Will ask Vivian.

Vivian Mendenhall:Another question (sorry)-- what change in North Pacific weather patterns contributed to this drought?

ACCAP Webinar:will ask both Vivian

brock Tabor:Has NOAA/USGS looked at the groundwater response in SE on a local or regional level?

Clay Hammer:We know where we are at now, but do we know what the future holds?

Vivian Mendenhall:Thanks for clarification on the climate last winter

Amanda Meadows:Here in the Southeast US we typically see "floods" (higher than 75% precipitation) follow droughts. Do you see a similar pattern in your historic data?

Susan Walker:Clay - this may help answer the future re: hydropower and climate change in SEAK Google "Impacts of Climate Change and Variability on Hydropower in Southeast Alaska" 2010 with NMFS and UAF ACCAP. can't post link here

Holly Prendeville:Some publications on yellow cedar decline:

Holly Prendeville:<https://academic.oup.com/bioscience/article/62/2/147/279601>

Holly Prendeville:[https://www.fs.fed.us/pnw/pubs/pnw\\_rn549.pdf](https://www.fs.fed.us/pnw/pubs/pnw_rn549.pdf)

Holly Prendeville:Yellow-cedar decline affects about 60 to 70 percent of trees in forests covering 600,000 acres in Alaska and British Columbia.

Holly Prendeville:(that statement was as of 2012 publication)

Amanda Meadows:Thanks!

TINA BUXBAUM:<https://accap.uaf.edu/node/2756>

Susan Walker:How strong is the La Nina signal?

Holly Prendeville:To help with the Drought Monitor Impacts can be reported here:

<http://droughtreporter.unl.edu/map/>

Holly Prendeville:Snow Drought information here: <https://www.drought.gov/drought/data-maps-tools/snow-drought> and report snow drought impacts here: <https://survey123.arcgis.com/share/d19575fdb234442087f1ee838bc8b2dc>

ACCAP Webinar:This is Glenn Juday talking

Janice Dawe:Can citizen science efforts, such as the CoCoRaHS platforms, contribute needed

precipitation data for SE AK, or are these efforts not sufficiently robust?

Susan Walker:Upcoming forecast

Susan Walker:because a spring La Nina affects hydropower in SEAK strongly

Vivian Mendenhall:Thank you!

Richard Heim:Thank you!

Kelsey Aho:Thank you!

Jenny-Marie Stryker :Thanks!

Susan Walker:Thanks! Great webinar today

Leila Kheiry:Thanks!

Christina Stone:Thank you! this was great!

Sean Eagan:Thank you

johanna vollenweider:Thanks for the very informative talk!

Clay Hammer:Thank You!

James Brooks:Thanks for this.