

Climate-Aquatics Workshop Blog Mailing #1: Webinar presentations available online

Hi Everyone,

We wanted to thank those of you that participated in the recent climate-aquatics decision support workshop in Boise last week "**Understanding & Adapting to Climate Change in Aquatic Ecosystems at Landscape and River Basin Scales: A Decision Support Workshop for Integrating Research & Management**" that was hosted by the U.S. Forest Service-Rocky Mountain Research Station, with co-sponsorship from the U.S. Geological Survey, Trout Unlimited, and the Great Northern Landscape Conservation Cooperative. There were 70 people in attendance and we were joined by 400 additional participants via a live webinar during the science presentations on days 1 and 2. In case you missed those presentations or wanted a chance to see them again, they are available for viewing online in a couple different formats (webinar with speaker audio or .pdfs of speaker slides) from the workshop webpage (http://www.fs.fed.us/rm/boise/AWAE/workshops/climate_aquatics_decision_support.shtml).

The two day webinar presentation schedule is below. The goals of the workshop were to gather a diverse group of researchers and management professionals to focus on three objectives: 1) sharing current information regarding the effects of climate change on aquatic ecosystems (Day 1 shortcourse), 2) presenting analysis tools that could assist managers in addressing climate change (Day 2 decision support), and 3) discussing management implications of climate change, the utility of existing tools, and future information & analysis needs.

Workshop exercises included a real-world example wherein participants applied high-resolution, downscaled climate scenario information on stream temperatures and flow using GIS spatial data layers with a Bayesian belief decision support tool to prioritize management actions for a sensitive fish species across a large river basin.

If you know of others interested in climate change and aquatic ecosystems, please forward this message and their names can be added to the mailing list for notification regarding additional science products on this topic. If you do not want to be contacted regarding future such notifications, please reply to that effect and you will be removed from this mailing list. Apologies for any cross-postings or if you were added to this list mistakenly.

Best Regards,
Dan

Day 1 Agenda (February 28): A climate-aquatics short-course

Click this link to watch: [Day 1 Webcast](#)

Approximate Webcast Time	Title and link to PDF of presentation	Presenter
00:00- 28:28	Climate change over western North America (5751 KB)	Steve Hostetler, USGS
28:29 - 39:54	<i>Break</i>	..
39:55 - 1:00:11	Climate Change, Streamflow, and Connections to Ecology (3523 KB)	Charlie Luce , USFS
1:00:16 - 1:20:10	Wildfire and vegetation response to climate change (3843 KB)	Rachel Loehman , USFS
1:20:11 - 1:39:58	Effects of climate change on channel morphology and scour regime (5714 KB)	John Buffington , USFS and Jaime Goode , UI
1:40:06 - 2:00:04	Effects of changing flow regimes on aquatic physical habitat (2623 KB)	Jim McKean , USFS
2:00:05-3:01:29	<i>Break for lunch (onsite)</i>	..
3:01:30 - 3:19:52	Stream Temperature & Climate Change: Observed Patterns & Key Uncertainties (8650 KB)	Dan Isaak , USFS
3:20:04 - 3:39:09	Fish population response to climate change (4203 KB)	Seth Wenger , TU

Day 2 Agenda (March 1): Applying climate information to decision making

Click this link to watch: [Day 2 Webcast](#)

Approximate Webcast Time	Title and link to PDF of presentation	Presenter
00:00 - 20:13	Integrating climate change effects with management (2776 KB)	Bruce Rieman , USFS, retired
20:23 - 39:54	NetMap as a tool for land management decisions (3731 KB)	Gordie Reeves , USFS and Lee Benda , Earth Systems Institute
40:24 - 50:14	Introduction of spatially explicit climate scenarios for the bull trout example (2156 KB)	Dan Isaak , USFS
50:34 - 1:11:05	Bayesian belief networks, a potential tool for decision support (3195 KB)	Doug Peterson , USFWS
<i>not on webcast</i>	Upper Salmon Watershed Vulnerability Assessment (5461 KB)	John Chatel, USFS

