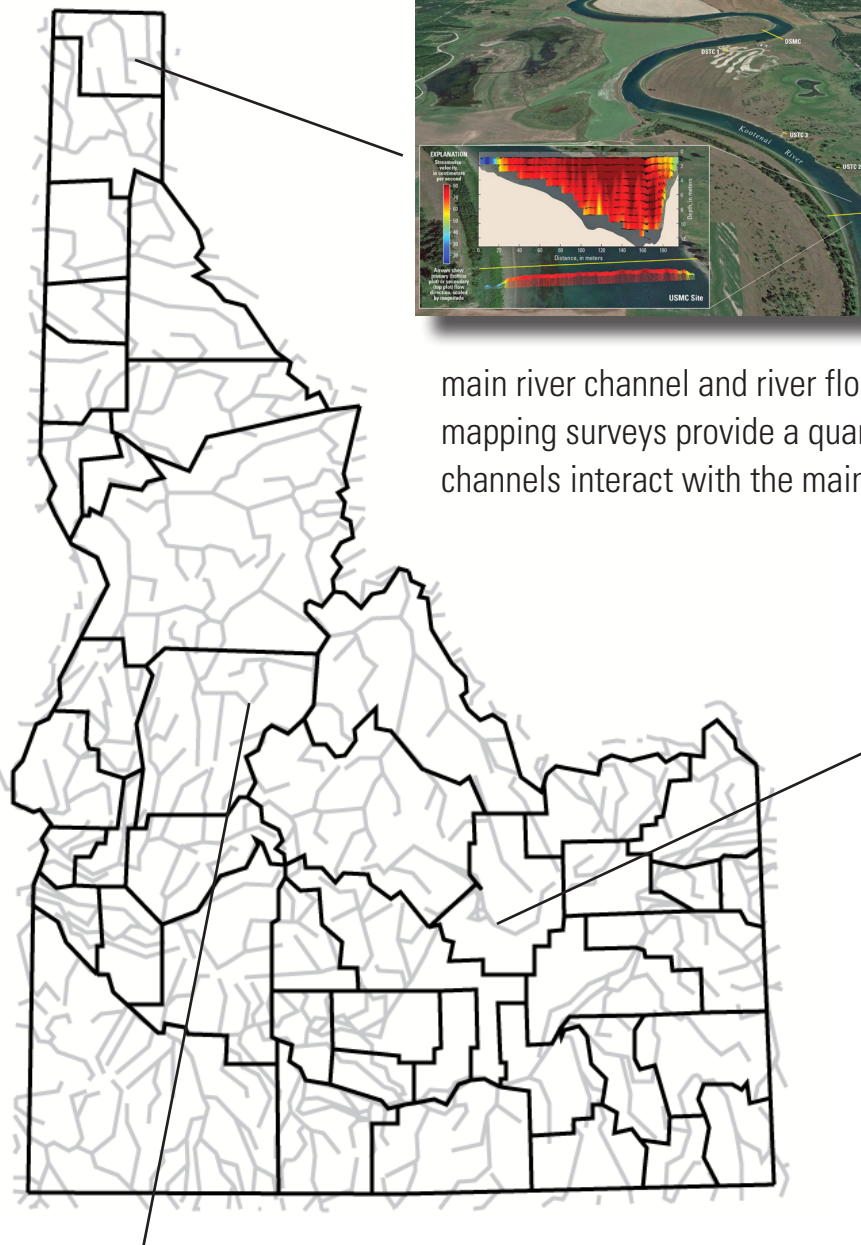
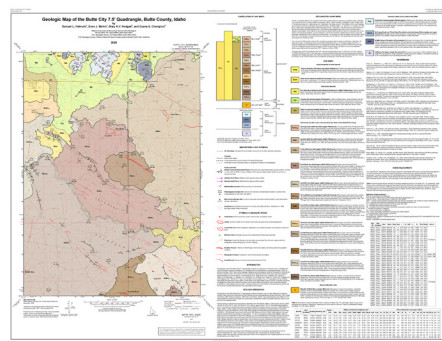


Idaho Hydrologic Update for January 2021



In cooperation with the Kootenai Tribe of Idaho, we published [discharge and velocity mapping survey data](#) for select tie channels located at Nimz Ranch on the main-stem Kootenai River. Tie channels convey water and sediments between the main river channel and river floodplain water bodies. The velocity mapping surveys provide a quantitative assessment of how the tie channels interact with the main-stem river.



The Idaho Geological Survey has published a [geologic map of the Butte City 7.5' Quadrangle](#) developed by scientists at our Idaho National Project Office as part of their research into the [geology of the eastern Snake River Plain aquifer](#).



U.S. Environmental Protection Agency and USGS scientists [collaborated on a paper](#) examining how organic matter-based soil amendments meant to reduce erosion at abandoned mine sites like Idaho's [Cinnabar Mine](#) may promote methylmercury production.

[More >](#)



Idaho Hydrologic Update for January 2021

31st Annual Idaho Water Quality Workshop

Seven of our scientists will be among the presenters during the Idaho Department of Environmental Quality's [31st Annual Idaho Water Quality Workshop](#), January 26-28. In addition, USGS scientists JoAnn Holloway, Ben McGee, Casey Lee, and Daniel Wise will present. The workshop will be held virtually this year via Zoom.



Lauren Zinsser
Tuesday, 9:40 a.m.
Trends in Trace Metal Concentrations,
Loads, and Sources in the Coeur d'Alene
River Watershed, 1990–2018



Amy Yoder
Tuesday, 10:20 a.m.
Trends in Major Chemical Constituents
Along a River-Reservoir System, Hells
Canyon Complex, Idaho-Oregon



Austin Baldwin
Tuesday, 10:40 a.m.
Mercury Contributions from Major
Tributaries to the Snake River



Jason Fisher
Wednesday, 9:00 a.m.
Optimization of the Idaho National
Laboratory Water-Quality Aquifer
Monitoring Network



Gordon Rattray
Wednesday, 9:20 a.m.
Determining Three-Dimensional Hydrologic
Processes with Geochemical Modeling,
Eastern Snake River Plain Aquifer, Idaho
National Laboratory



Tyler King
Wednesday, 9:40 a.m.
Evaluation of Low-Flow Discharge
Measurement Methods



Konrad Hafen
Wednesday, 10:20 a.m.
Towards Dynamic Stream Permanence
Classifications

usgs.gov/idahowater

208.387.1300

Director: Kyle Blasch

Acting Deputy Director: Chris Mebane

Assistant Director: Dave Evetts

Public Information Officer: Tim Merrick

