



Water-Energy-Emissions Dashboard Wednesday, September 23, 2020, at 10:00AM Mountain

The interdependence of energy and water systems is an increasingly important focus in environmental management, and the term “energy-water nexus” has been used to draw attention to these connections. The US electricity sector accounts for the largest share of water use, yet short-term management and planning are largely driven by reliability, economic, and emissions criteria. For power plants, water resource availability and impacts to natural water systems are increasingly challenged by water scarcity and competing demands. Integrated management is therefore particularly important, yet it is hindered by disparate and complex information sources. Moreover, energy system managers must often make quick decisions in response to environmental or regulatory constraints. Thus, to support better management and planning in the energy-water nexus, there is a need to provide information in an integrated and timely manner, and at local-to-national scales.

This WestFAST-hosted webinar will brief attendees on an interactive, web services-based website dashboard displaying information on nationwide power plant activity, including: up-to-date monthly electricity generation, water use, and greenhouse gas emissions; maps and charts of aggregated data at the facility, watershed (HUC-8), county, and state scales; projections to 2050; a demonstration of the dashboard, showing examples of data queries and available web services.

Presenters

Dr. Julian Fulton, PI, California State University Sacramento

Webinar Link

[Join Microsoft Teams Meeting](#)

[Learn more about Teams](#) | [Meeting options](#)

Other Logistical Information: Your computer will need to have audio in order to hear/participate in this webinar. A telephone dial-in option is not available.

Can't make the webinar? We'll record it and post it to the WestFAST web page found at <http://www.westernstateswater.org/westfast/westfast-webinars/>

For additional information, contact Deborah Lawler, at dlawler@usbr.gov