

*The Kansas Water Science Center
Presents:*



Science Seminar Series

May 4, 2022

1:00pm CST

Tracking Water Quality in U.S. Streams and Rivers – The USGS National Water Quality Network

The USGS National Water Quality Network consists of 110 stream and river sites across the United States with long-term, consistent information on streamflow and water-quality conditions. Data are collected to assess the status and trends of water-quality conditions at large inland and coastal river sites, as well as in small streams indicative of urban, agricultural, and reference conditions. These data can be useful to local, regional, or national-scale studies related to multiple water-quality issues, including, but not limited to, drinking water-quality, chemical fate and transport, and harmful algal blooms. In 2020, [the USGS released a new website](#) that utilizes these data to provide information on water-quality concentrations, loads, and trends in streams and rivers across the United States. This presentation will focus on National Water Quality Network data collection methods, methods for computing loads and trends, and will provide brief overview of the [new USGS Tracking Water Quality in U.S. Streams and Rivers website](#).



From 2000-2012 Casey served as a technician and hydrologist for the Kansas Water Science Center. Since then Casey has worked for USGS Water Mission Area on projects involving aggregation and interpretation of water-quality data across the U.S. Casey currently serves as the coordinator of the USGS National Water Network and program manager of the USGS National Hydrologic Monitoring Program. Information on the USGS National Water Quality Network can be obtained at: nrtwq.usgs.gov/nwqn or by contacting Casey at cjlee@usgs.gov.

Access the Microsoft Teams Presentation Here:

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Questions About our Science?

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