

Delta Science Program Brown Bag Series in Conjunction with the California Water Quality Monitoring Collaboration Network Presents

Application of the USGS SPARROW Model to Understand Nitrogen and Phosphorus Transport in California

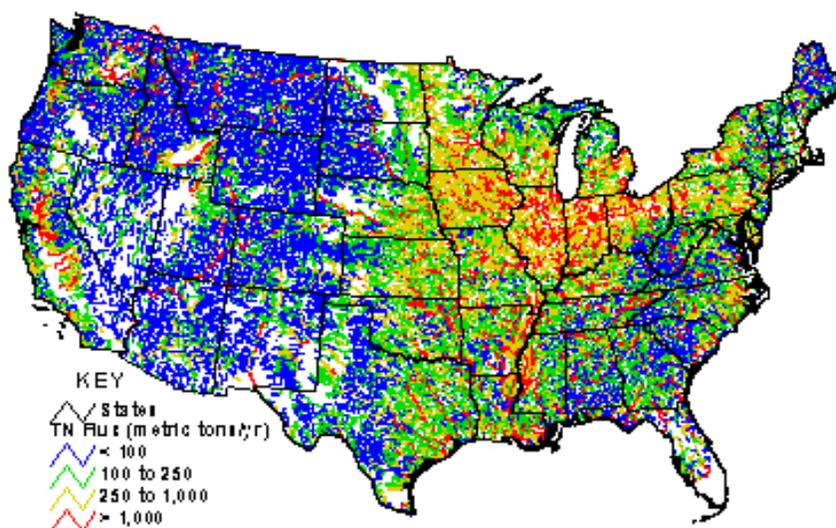
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U.S. Geological Survey, Sacramento, CA

Monday, May 16, 2011, 11:30 a.m. – 1:00 p.m., PDT
Cal-EPA Building, 5th Floor: Room 550
1001 "I" Street, Sacramento CA 95814

Webcast Information:

www.waterboards.ca.gov/mywaterquality/monitoring_council/collaboration_network/docs/agnd051611.pdf

SPARROW Predictions of Total Nitrogen Flux



U.S. Geological Survey scientists have developed a watershed based model known as SPARROW (SPAtially-Referenced Regression On Watershed attributes), that integrates monitoring data with landscape information to predict long-term average values of water quality characteristics. The statistical methods used in SPARROW explain in-stream measurements of water quality relative to upstream sources and watershed properties. Information on the SPARROW model and how it will be implemented in California will be discussed during this talk.

Click [here](#) for more information on the California Water Quality Monitoring Collaboration Network.