

MEGADATA

Working with continuous time-series water-quality data

PART 1. SENSORS PHYSICS

- Branko Kerkez, University of Michigan
 - Conductivity
- Zak Sihalla, Hydrotech ZS Consulting
 - Optical DO
- 1:30-2:15

PROTOCOLS

- For operation and maintenance of sensors
- Brian Pellerin, USGS California Water Science Center
- 2:20-2:45

DATA MODELS AND DATA SHARING NETWORKS

- Continuous and Discrete Data
- Dwane Young, US EPA
- Jon Pollack, CUAHSI
- 2:50 – 3:35

PART 4. TOOLS

- USGSwsSR: an R package to develop surrogate regressions for real-time water-quality prediction
- Jessica Thompson, USGS Wisconsin Water Science

PART 4. TOOLS (CONT.)

- Sediment Acoustic Index Development
- Timothy Straub, USGS Illinois Water Science Center