Session2B: **New and Emerging Water Quality Monitoring Tools/Techniques**
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Wabash River - Tools for Assessing Condition and Stressor Identification

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Large River systems are among the most threatened aquatic ecosystems in the World The Wabash River watershed includes the longest, free-flowing large river ecosystem east of the Mississippi. Located in a primarily agricultural landscape, the Wabash is impacted by high nutrient loads, loss of in-stream habitat, sediment input, flashiness, and exotic species, among other perturbations. An intensive gathering of historical data on the Wabash and lower White Rivers was undertaken to evaluate the threats and stressors at the HUC-8 and HUC-11 basin levels. Various novel analyses were performed, including biological condition gradient (BCG) and comparison with a hypothetical pre-settlement fish fauna. This information will be used to create a priority list of river segments for funded remediation.

Notes: