# Great Lakes Regional Sediment Management Workshop
# Webinar on Agricultural nonpoint source runoff
# April 27, 2021, 2:00-4:00 p.m. EDT

**Registration**

**Teams meeting** (or call in at 844-608-9777, Conference ID 372338738)

*With support from the Great Lakes Restoration Initiative*

**Webinar objectives**

- Provide an overview of variables that affect tributary nutrient loading in agricultural landscapes.
- Highlight research conducted in the Great Lakes to assess the effects of long-term precipitation patterns on agriculture and nutrient loading.
- Discuss the evolving science around conservation practice tradeoffs and the measures to improve effectiveness for water quality.
- Facilitate transfer of knowledge about managing sediment and nutrient pollution between federal, state, and local agencies, non-governmental organizations, academics and industry.

**2:00 p.m. EDT** **Welcome, Introductions, Webinar Logistics, and Review of Meeting Objectives**
Jill Reinhart, USDA-NRCS

**2:15 p.m.** **Effectiveness of conservation practices in a changing landscape**
Moderators: Santina Wortman, EPA-GLNPO and Lisa Duriancik, USDA-NRCS
Speakers:

- Tributary loading - What empirical models can tell us about nutrient transport and sources, *Greg Koltun, USGS*
- Changing rainfall patterns over the Western Lake Erie Basin: Effects on Tributary Discharge and Phosphorus Load, *Dr. Mark Williams, USDA-ARS*
- Conservation tradeoffs relative to controlling phosphorus loss from agricultural lands, *Dr. Andrew Sharpley, University of Arkansas*

**3:30 p.m.** **Facilitated group discussion**
Moderator: Santina Wortman, EPA-GLNPO and Lisa Duriancik, USDA-NRCS

**4:00 p.m.** **Wrap up & next steps**
Moderator: Jill Reinhart, USDA-NRCS