Fox River Study
Group Annual
Meeting
WELCOME!
Thank you to our presenters and information tables—

**Presenters**
- Illinois State Water Survey
- Geosyntec
- Fox Metro WRD/Deuchler Environmental

**Information Tables**
- Clean Water for Kane-Kane County Division of Environmental and Water Resources
- Fox River Ecosystem Partnership
- Fox River Initiative-Conservation Foundation
- Valley of the Fox Sierra Club Water Sentinels
- Mill Creek Watershed Planning- Chicago Metropolitan Agency for Planning
- USGS
Thank you to our partners-financial and in-kind

- Algonquin
- Aurora
- Batavia
- Cary
- Crystal Lake
- E Dundee
- Elburn
- Elgin
- Fox Metro WRD
- Fox River Ecosystem Partnership
- Fox River WRD
- Friends of the Fox River
- Geneva
- Gilberts
- Kane County
- Lake in the Hills Sanitary District
- N Moraine WRD
- Plano
- Sandwich
- Sierra Club
- St. Charles
- Wauconda
- Yorkville
- Yorkville-Bristol Sanitary Dist.
2018 Fox River Study Group Initiatives

- Worked with Illinois EPA to update permit conditions for major wastewater facilities
  - All plants will be removing phosphorus to 1 mg/L on annual basis by 2023
  - Plants will meet 0.5 mg/L P on annual basis by 2030, unless Fox River Implementation Plan says differently
  - Fox River Implementation Plan will be amended by 2023
- Assessing trends in Fox River water quality over 2 decades-ISWS
- Updating our computer models of the Fox River-Geosyntec
- ISWS is updating our Fox database
- 17th year of monthly all in-kind monitoring of Fox River & its tributaries

- USGS finished up 3 seasons of continuous DO, pH, conductivity, T monitoring at Algonquin bike bridge

- USGS installed continuous DO, pH, conductivity, T, chlorophyll, turbidity monitoring at Stratton Dam (will monitor during growing season for 3 more years)
  - [https://waterdata.usgs.gov/il/nwis/rt](https://waterdata.usgs.gov/il/nwis/rt)
  - 05549500 FOX RIVER NEAR MCHENRY, IL
  - 05550001 FOX RIVER (TAILWATER) AT ALGONQUIN, IL

- Working with IDNR and Army Corps to restart Fox River Connectivity & Habitat Study
- Working with Bluestem Communications to learn more on community views on dams that no longer serve their original purpose
Remaining 2018 Meetings

- The Fox River Study Group board will meet on Nov. 15 and Dec. 13 at 9:30 am at Fox Metro WRD, 628 Rt. 31, Oswego.
Today’s Presentations

- **Fox River Water Quality Trends Analysis**— Laura Keefer, head of the Watershed Science Section at the Illinois State Water Survey, Illinois State Hydrologist (presented by Cindy Skrukrud)

- **Fox River Water Quality Modeling Update**— Rishab Mahajan, Geosyntec

- **Fox Metro Environmental Initiatives and Solar Energy Installation**— Tom Muth, Fox Metro Water Reclamation District, Karen Clementi, Deuchler Environmental