

The background of the slide is a light gray gradient with several water droplets and bubbles of various sizes scattered across it, some appearing to float or rise.

WHERE DO ILLINOIS COMMUNITIES GET THEIR WATER FROM? THE COMPLEX WEB OF WATER USE AND WATER PURCHASES

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**ILLINOIS STATE
WATER SURVEY**
PRAIRIE RESEARCH INSTITUTE

ISWS GROUNDWATER SECTION GOALS

- Create interactive online web applications for groundwater resources and water use
- Display aquifer maps, well locations and attributes, withdrawal rates
- Display what water sources municipalities draw from and if they purchase water
- Ability to graph and download data
- Similar to IEPA SWAP site and ILWATER, but more focused on themes
- Fill the need for planners, engineers, and water operators to view and have access to groundwater/surface water withdrawal data

Currently Have:

- Web Application that displays all *reported* Illinois Water Inventory Program (IWIP) data at Public Water Supply Wells (1980-2013)
- Statewide map of where Municipalities get their water from, who they purchase from, and in what amount

Currently Working On:

- Displaying all IWIP data for Public Water Supply Intakes (Surface Water Component)
- Displaying all IWIP data for Industrial and Irrigation Use
- Add Interpreted IWIP data (filling in gaps/missing reported data)

Future Web Applications:

- Web Application for viewing water level data (mass measurements and real-time transducer data) and potentiometric surfaces
- Regional Modeling Results (Northeast IL, Middle IL, Kankakee Region)



IWIP
Driven



Project
Driven

- [HTTP://UNIVOFILLINOIS.MAPS.ARCGIS.COM/APPS/WEBAPPVIEWER/INDEX.HTML?ID=A63795FD832F4CC2A725290753E02F46](http://UNIVOFILLINOIS.MAPS.ARCGIS.COM/APPS/WEBAPPVIEWER/INDEX.HTML?ID=A63795FD832F4CC2A725290753E02F46)