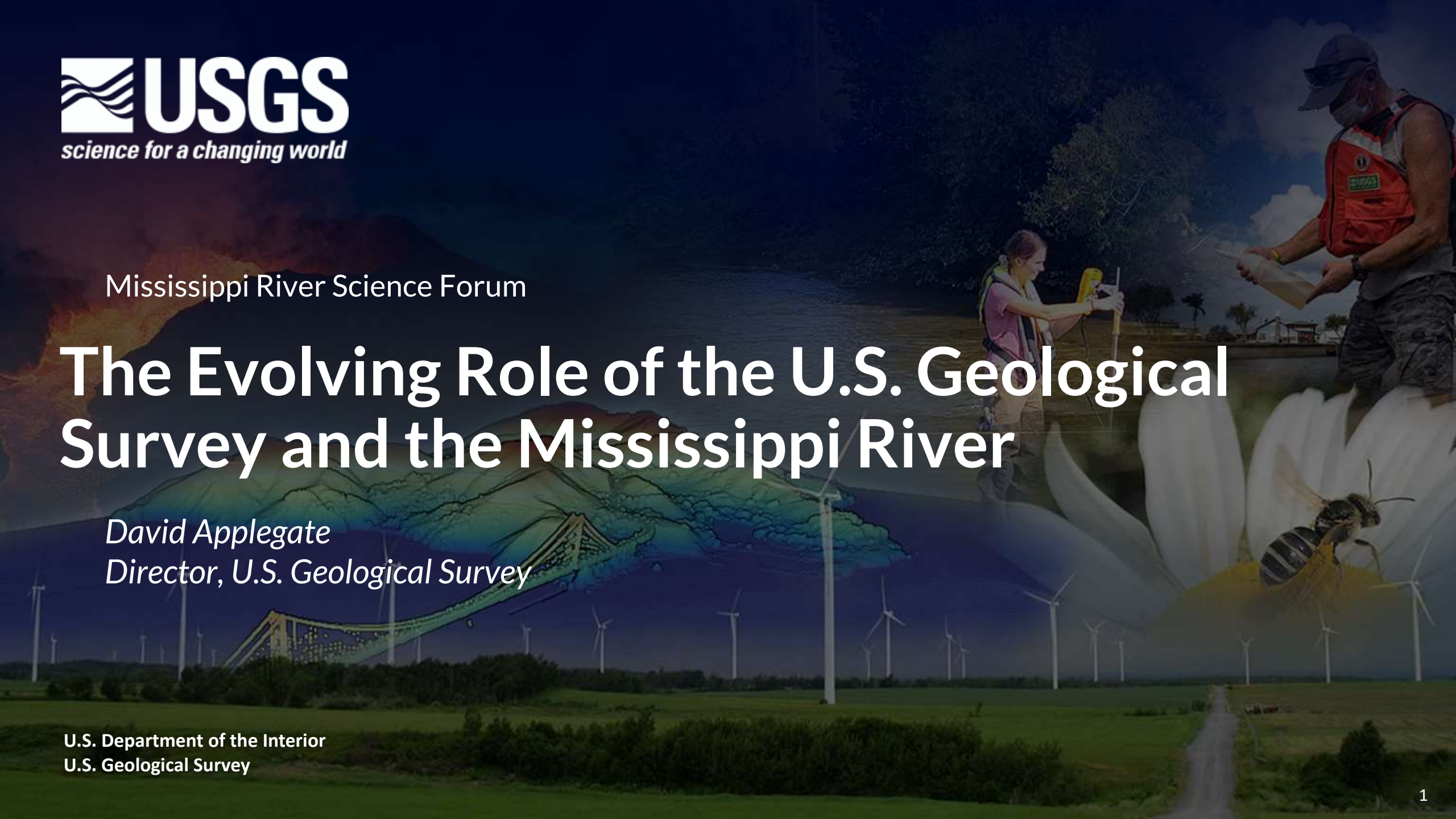


USGS
science for a changing world

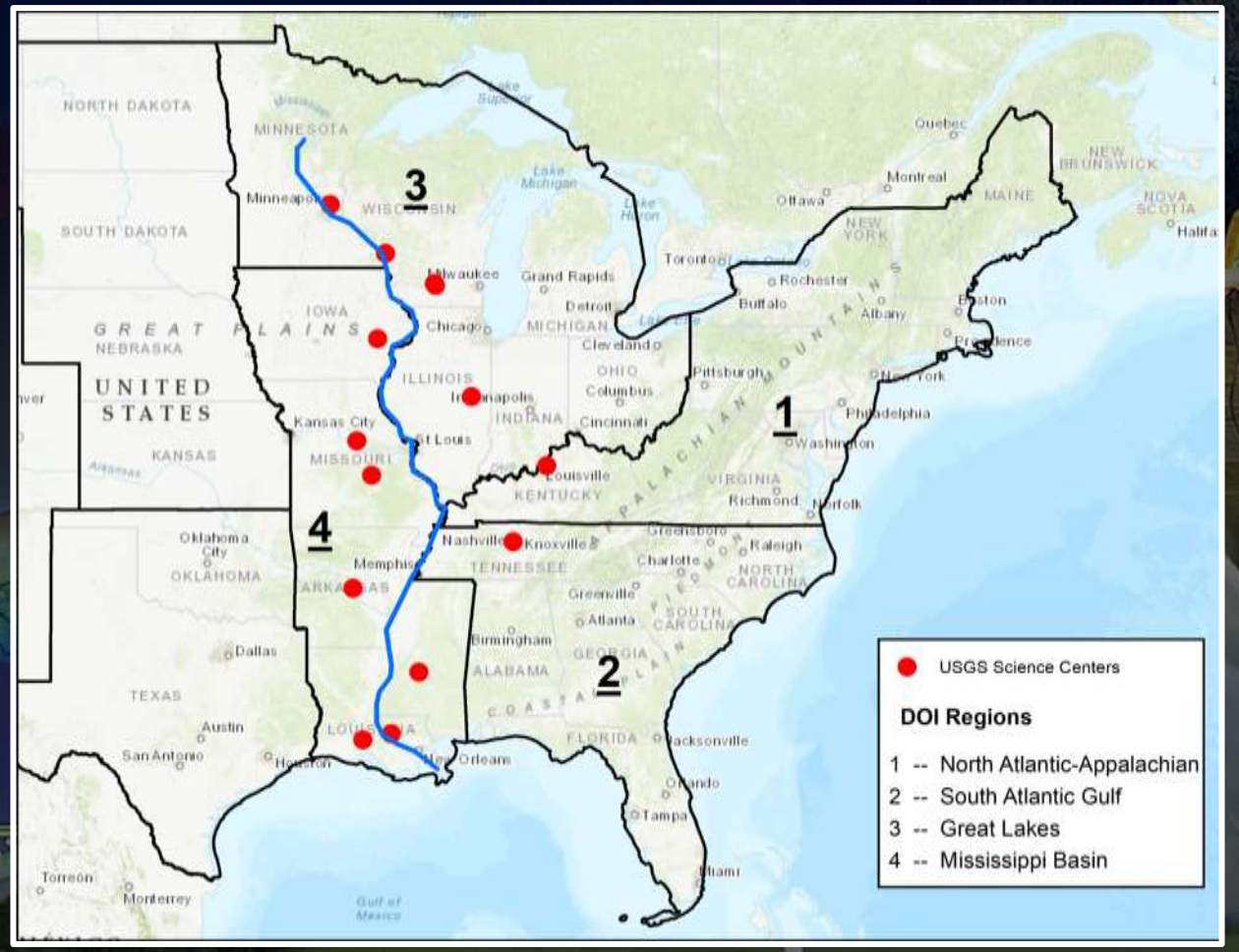
Mississippi River Science Forum

The Evolving Role of the U.S. Geological Survey and the Mississippi River

David Applegate
Director, U.S. Geological Survey

U.S. Department of the Interior
U.S. Geological Survey

USGS Science on the Mighty Mississippi



USGS: A Long History on the River

USGS 07010000 Mississippi River at St. Louis, MO

Available data for this site | SUMMARY OF ALL AVAILABLE DATA

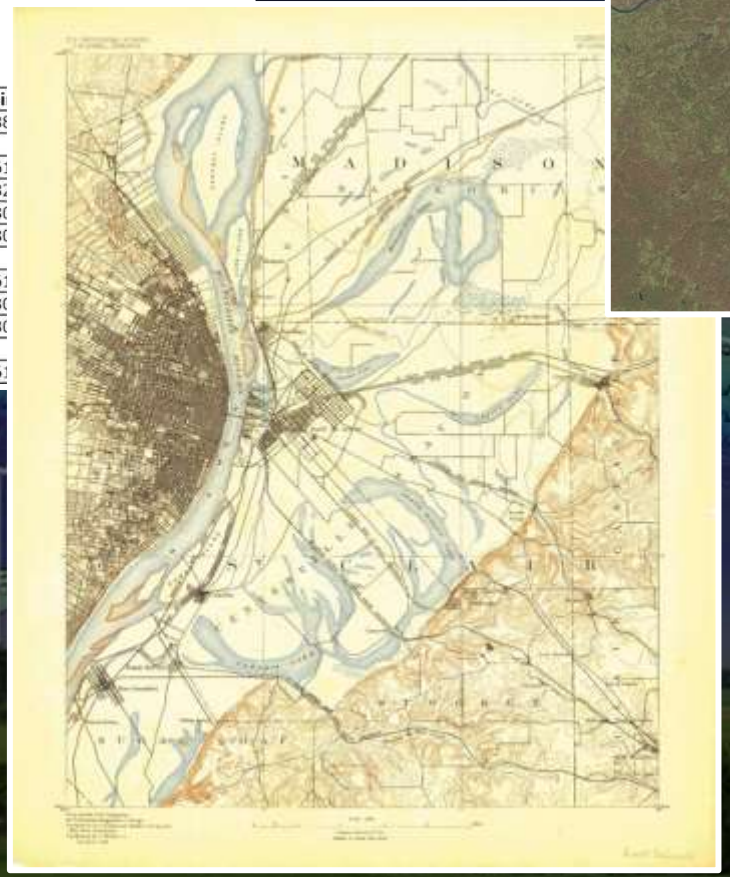
Stream Site

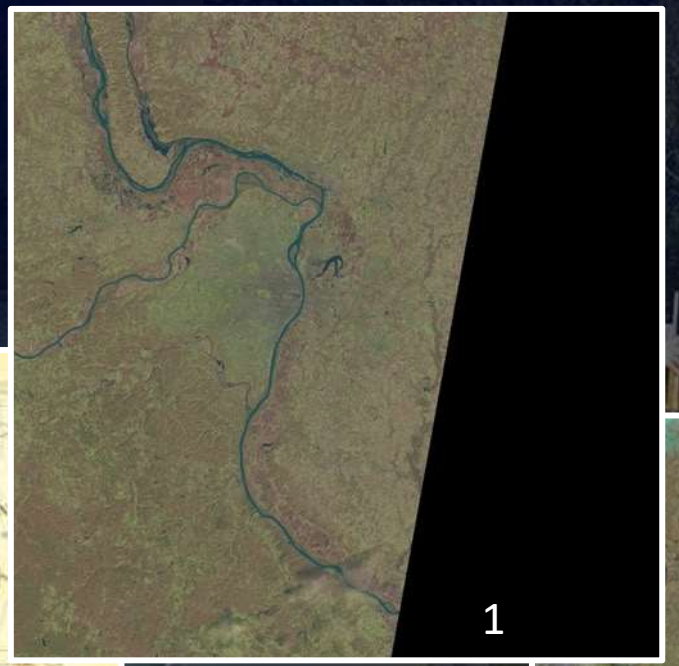
DESCRIPTION:

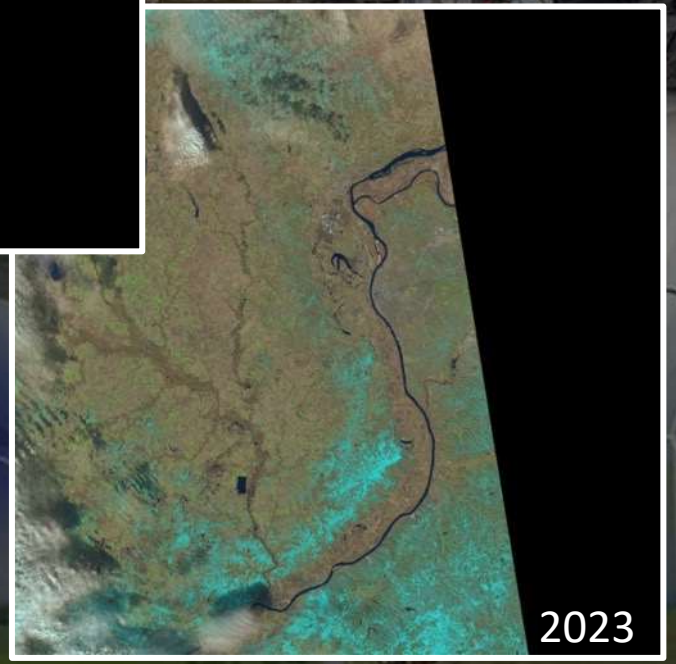
Latitude 38°37'44.4", Longitude 90°10'47.2" NAD83
St. Louis City, Missouri, Hydrologic Unit 07140101
Drainage area: 697,000 square miles
Datum of gage: 379.58 feet above NAVD88.

AVAILABLE DATA:

Data Type	Begi
Current / Historical Observations (availability statement)	198
Daily Data	
Discharge, cubic feet per second	186
Gage height, feet	198
Suspended sediment concentration, milligrams per liter	198
Suspended sediment discharge, short tons per day	198
Daily Statistics	
Discharge, cubic feet per second	186
Suspended sediment concentration, milligrams per liter	198
Suspended sediment discharge, short tons per day	198
Monthly Statistics	
Discharge, cubic feet per second	186







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Ecosystem Diversity

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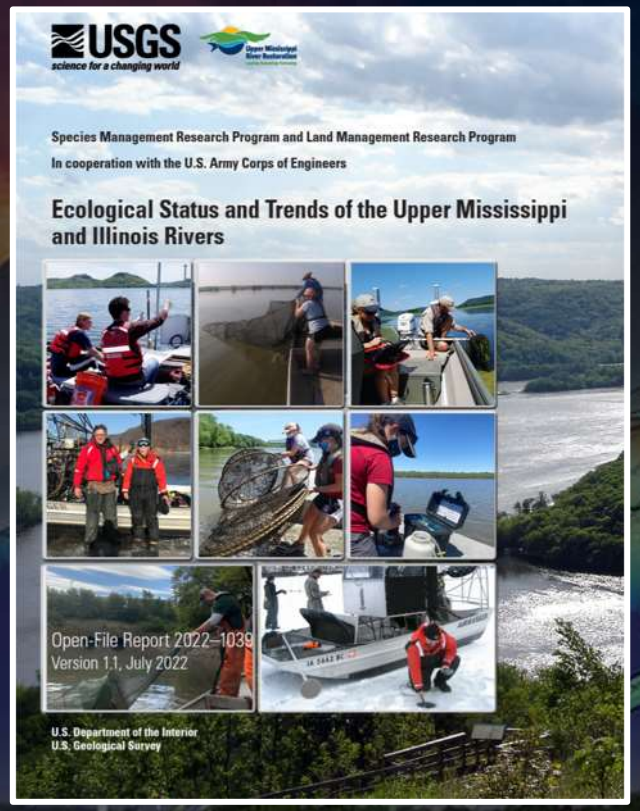
Looking Forward: The Future of USGS Science and Partnerships on the Mississippi River



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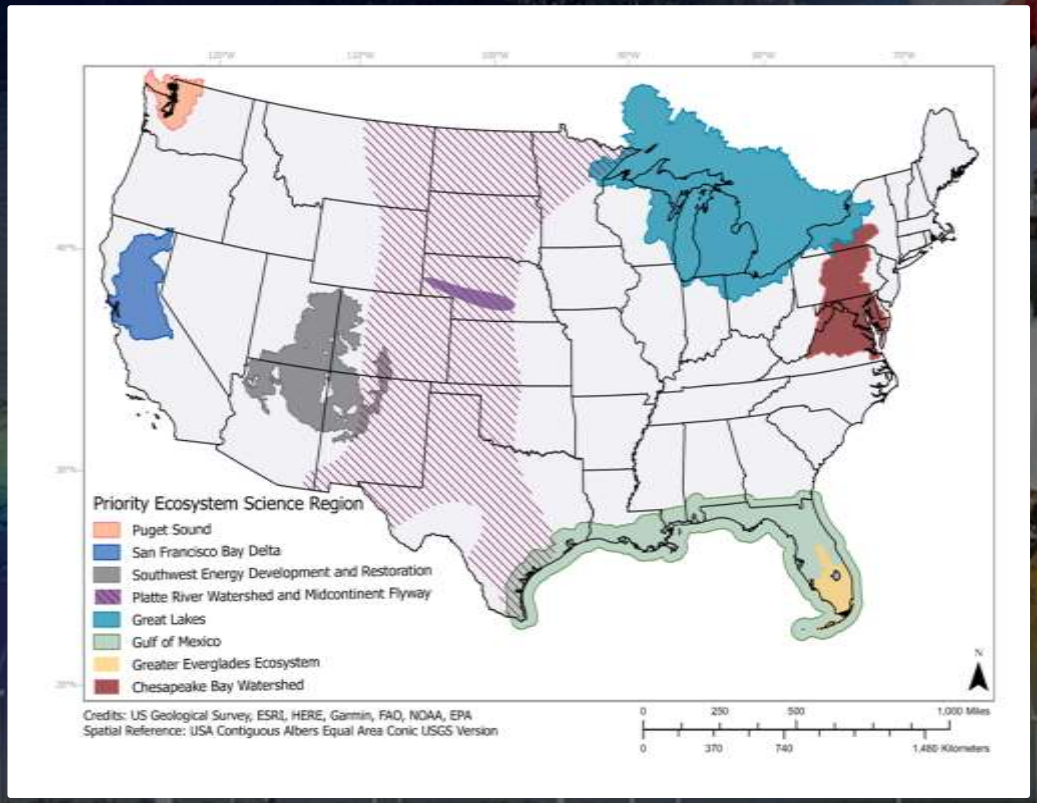
Important Questions We Must Address

What is the current state of the science?

What are the gaps?

What are priority next steps?



Integrated Water System Basin #3: A Study in Partnerships

- In 2020, we chose the Illinois River as the third Integrated Water Science (IWS) basin
- Over 100 partners
- Fill data gaps that State, local, and other federal partners identified

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Closing Remarks

- Earth system challenges are far more complex and urgent
- Increased pressures on natural resources
- A broad but coherent view is required

Questions?