



# FOURTH NATIONAL CLIMATE ASSESSMENT

-US Global Change Research Program  
November 23, 2018

*“Earth’s climate is now changing faster than at any point in the history of modern civilization, primarily as a result of human activities. The impacts of global climate change are already being felt in the United States and are projected to intensify in the future—but the severity of future impacts will depend largely on actions taken to reduce greenhouse gas emissions and to adapt to the changes that will occur.*

*Climate-related risks will continue to grow without additional action. Decisions made today determine risk exposure for current and future generations and will either broaden or limit options to reduce the negative consequences of climate change. While Americans are responding in ways that can bolster resilience and improve livelihoods, neither global efforts to mitigate the causes of climate change nor regional efforts to adapt to the impacts currently approach the scales needed to avoid substantial damages to the U.S. economy, environment, and human health and well-being over the coming decades.”*

- <https://nca2018.globalchange.gov/chapter/1/>

## Climate Change and its Impacts on the Upper Mississippi River: How LWVs can bring about change through education, advocacy and action

### Agenda

9:30 – Gather at Schaar’s Bluff: morning refreshments and socializing

10:00 – Business meeting

- Qualification of delegates, quorum, adoption of agenda
- Action report
- Treasurer report and budget
- Election of officers
- Bylaw revision

11:30 – Break – Lunch and networking



## Climate Change and its Impacts on the Upper Mississippi River

LWV Upper Mississippi River Region Annual Meeting - June 1, 2019

### 12:30 – Climate change discussion

#### **John Linc Stine, Executive Director of the Freshwater Society**

Mr. Stine is the former Commissioner of the Minnesota Pollution Control Agency and has represented the state on the Great Lakes Commission and the International Joint Commission on the Red River of the North. He will help us integrate what we see and know about climate change in the upper Midwest with what is happening to the Mississippi. What are the water quality challenges the river will face? What are the effects of increased erosion? How are cities up and down the river adapting to these challenges?



#### **Matt Gladue, Program Director, Our Mississippi Our Future, the Nature Conservancy**

The Our Mississippi Our Future project’s ambitious goal is to protect and restore thousands of acres of land in the Upper Mississippi watershed in Minnesota to prevent degradation. Their 2019 report, “[Mississippi Headwaters: The Business Case for Conservation](#)” lays out the potential costs and benefits of this action. Climate change is a factor here – and the work they are embarking on will help by providing additional carbon storage and wetlands for flood prevention.



Discussion: How can LWV’s effectively advocate for change? – the work of LWV US in Climate Change will be showcased here, and participants will leave with tools to lead stronger climate change adaptations in their home communities. This discussion will be led by Caryl Terrell of LWV Dane County (WI), a member of the initial LWV US Climate Change Task Force from 2006 to 2008. Read about the LWV US Tool Kit [at this link](#).



3:30 - Adjourn