

ILLINOIS

Flood-related disasters are the costliest and most frequent type of disaster facing the United States. From 2000 to 2018, flood-related events cost more than **\$830 billion in economic losses**,¹ accounted for **73% of presidential disaster declarations**,² and caused more than **6,200 deaths**.¹ Floods are an **immediate threat to 53 military installations** across the nation.³

These numbers reflect what Americans and people across the globe already know: **floods are affecting our way of life**. Addressing the challenges posed by flooding and other extreme weather impacts will require individuals, communities, and state and federal governments to work collaboratively to build a more sustainable future for us all.

Surging Waters: Science Empowering Communities in the Face of Flooding is a report produced by AGU that shows how science is essential to finding solutions to mitigate flooding now and in the future. For more information, visit www.scienceisessential.org.

TO EMPOWER COMMUNITIES TO UNDERSTAND AND ADDRESS THEIR FLOOD RISK, POLICY MAKERS CAN:

- 1 Support robust and steadily increasing funding** to science-based federal agencies.
- 2 Support science centers and programs** that research region-specific flooding concerns and incentivize scientists working within their communities.
- 3 Support legislation** that ensures science can be conducted and inform policy freely and openly.
- 4 Support policies** to manage flooding and its impacts that account for a changing world.



Between 2000 and 2018, floods and flash floods caused **\$3 billion in property damages** in Illinois.⁴



Illinois experienced **1,537 flood events** between 2000 and 2018 – averaging to **1.5 floods per week**.⁴



Flooding is an **immediate threat to Scott Airforce Base** in St. Clair County, IL.³

The **U.S. Geological Service Water Science Centers** fund and conduct water research and monitoring **driven by state priorities**

CONTACT THE ILLINOIS OFFICES:

Urbana, IL: 217-328-8747

DeKalb, IL: 815-756-9207

Mt Vernon, IL: 618-242-4495

The **NOAA National Sea Grant College Program** supports coastal communities through research and extension programs **shaped by local needs**.

CONTACT THE MAIN OFFICE:

West Lafayette, IN: 765-496-6009

BETWEEN 2010 AND 2019...

The **Central Midwest Water Science Center** spent **\$40 MILLION** on Illinois's flood research and education priorities.⁵

In 2017, Illinois-Indiana Sea Grant reached **11,600 K-12 STUDENTS** and supported **20 UNDERGRADUATE** and **GRADUATE STUDENTS**.⁶

PREPARE YOUR DISTRICT FOR FLOODS: ready.gov/floods. Assess your home or office's flood risk: msc.fema.gov.
NEED HELP NOW? Contact the Illinois Emergency Management Agency: **217-782-2700**