A vision for a more resilient Iowa The Iowa Watershed Approach

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The IWA Flood Resilience Program seeks to:

- Measure, visualize, and communicate flood resilience resources
- Enhance flood resilience content in formal watershed plans
- Improve social resources for flood resilience

Current available products for select towns:

• Interactive flood damage estimations

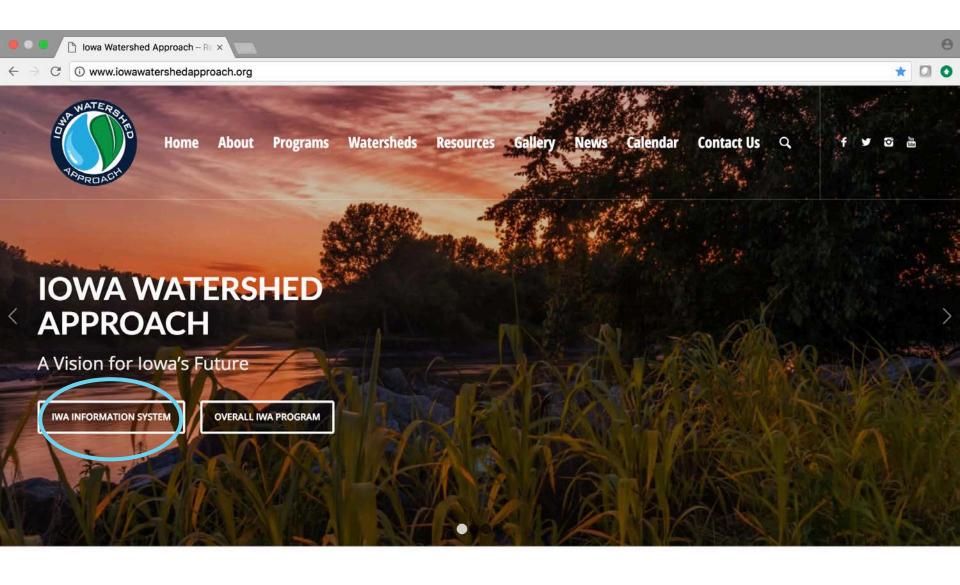
Current products under development:

- Flood Resilience Action Plans
- Interactive Social Vulnerability & Flood Risk Platform
- Pre-Disaster Mitigation Grant Preparation Assistance
- Town-Scale Resilience Case Studies





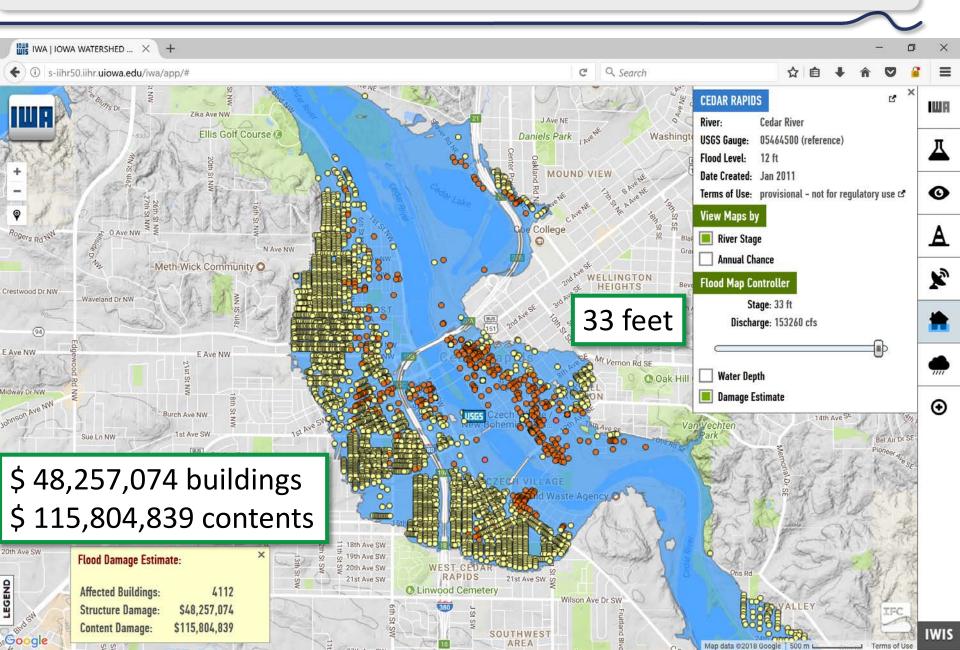
Iowa Watershed Approach Information System



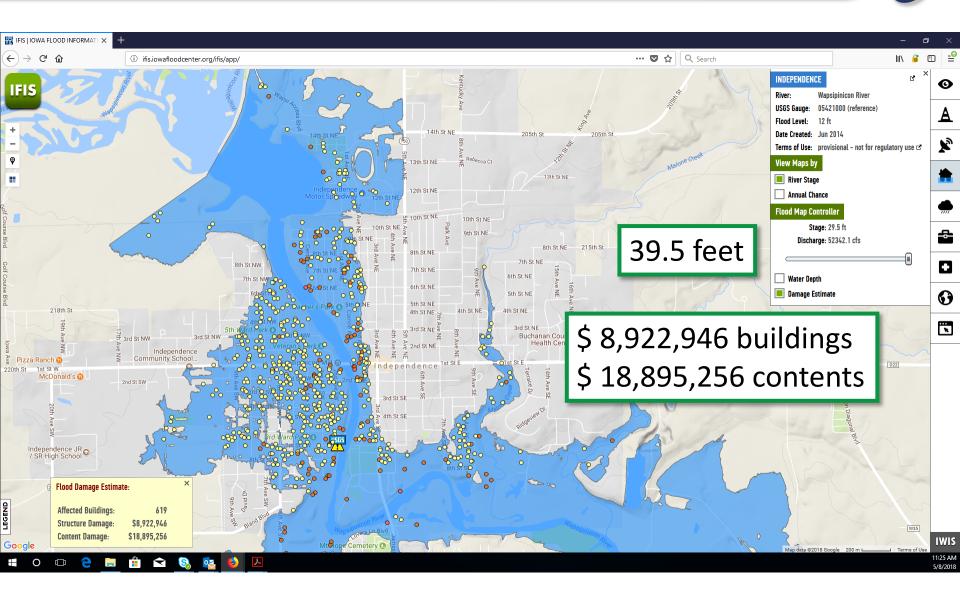
IOWA WATERSHED APPROACH

HUD Disaster Resilience Grant to Iowa: \$96.9 million

Interactive Flood Damage Estimations – Cedar Rapids



Interactive Flood Damage Estimations – Independence



Flood Resilience Action Plans connect watershed plans and flood hazard mitigation plans







Our initial Flood Resilience Action Plans are under review



Middle Cedar River Flood Resilience Action Plan

IOWA WATERSHED APPROACH

Product of Flood Resilience Program IOWA WATER SHED APPROACH | HTTP://WWW.IOW AW ATERSH EDAPPROACH.ORG/



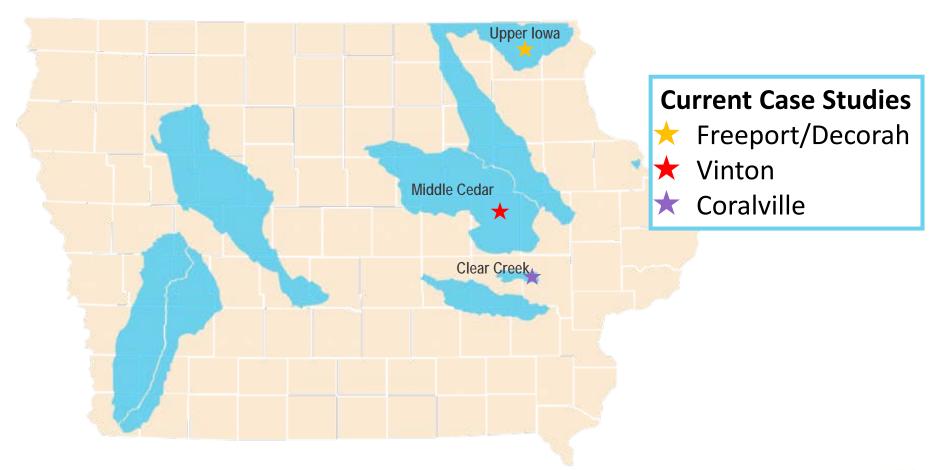


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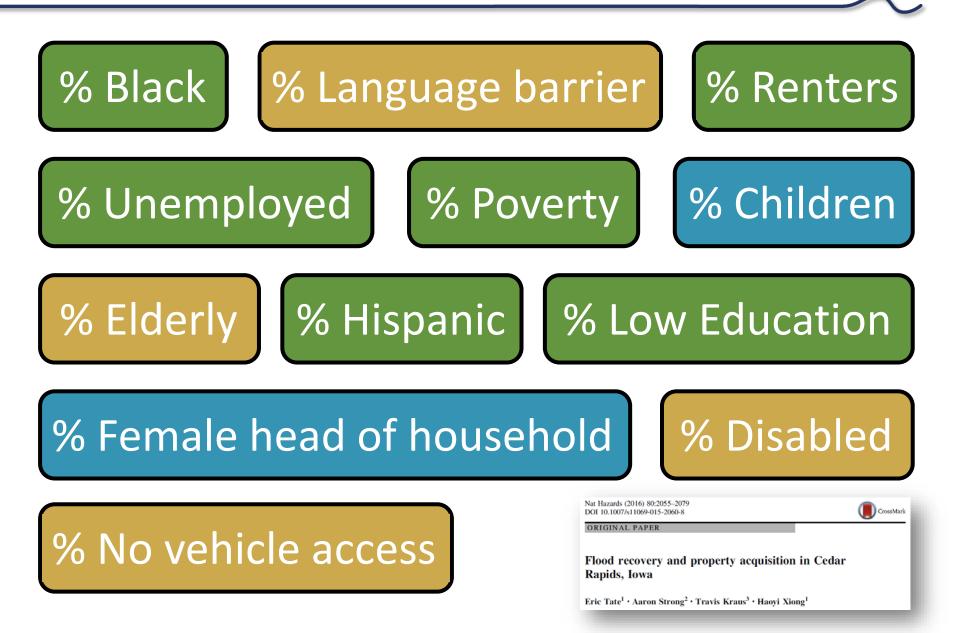
Detailed flood resilience case studies are under development



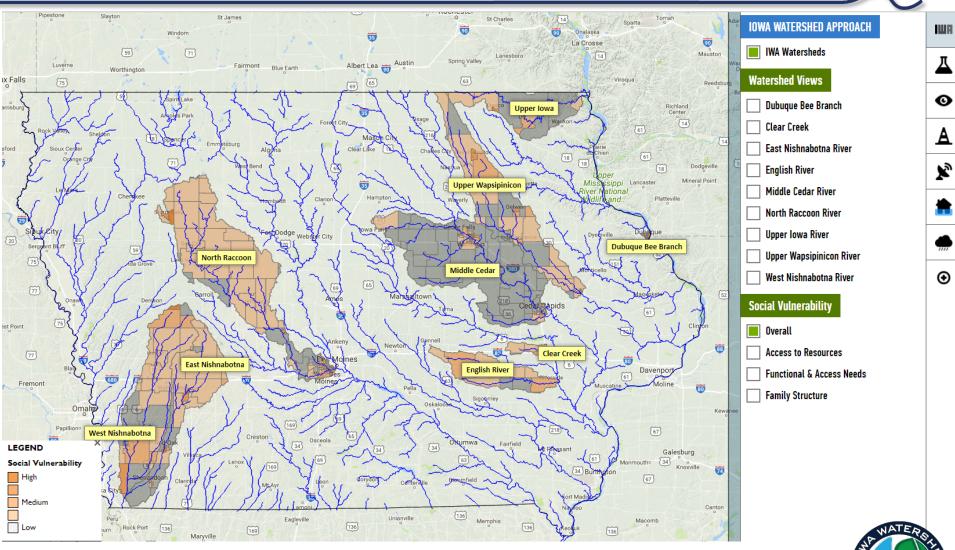




Social vulnerability indicators help prioritize actions



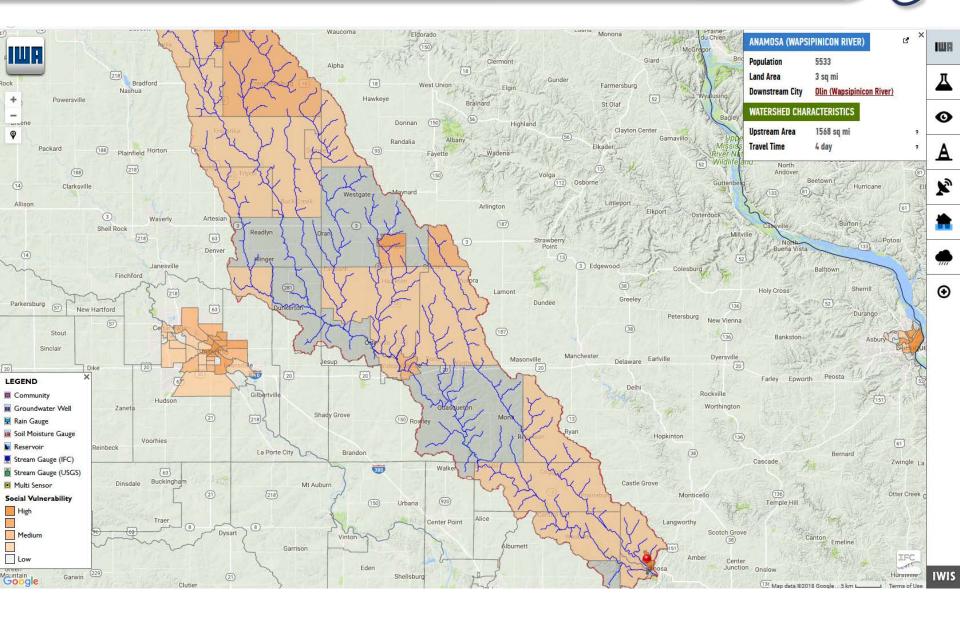
Interactive Social Vulnerability & Flood Risk Platform







Social Vulnerability Overlay – Upper Wapsi





Social Vulnerability at the Intersections of Flood Risk - Independence



The <u>**PDM goal</u>** is to reduce overall risk to the population and structures from future hazard events, while also reducing reliance on Federal funding in future disasters.</u>

This program awards **planning and project grants** and provides opportunities for raising public awareness about reducing future losses before disaster strikes.

<u>Mitigation planning</u> is a key process used to break the cycle of disaster damage, reconstruction, and repeated damage.

PDM grants are funded annually by Congressional appropriations and are awarded on a nationally <u>competitive</u> basis.

The IWA Flood Resilience Team wants to provide social vulnerability narratives for your PDM grant applications We are determined to add value to the emergency management agencies (<u>EMAs</u>) and community organizations active in disaster (<u>COADs</u>) that have engaged the IWA Flood Resilience Team.

- Benton, Buchanan, Winneshiek, etc.
- LAP-AID, Johnson County COAD, etc.

Hawkeye Area Community Action Program (HACAP) is working with the IWA Flood Resilience Team to better understand how the **211 system** can be improved for floods.

- 9/22/16 9/30/16 flood related calls = 2,920
- Benton, Black Hawk, Buchanan, Butler, Cedar, and Linn Counties
- Housing/shelter; health/safety; food/water; transportation/fuel
- HACAP felt people were more prepared than in 2008





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