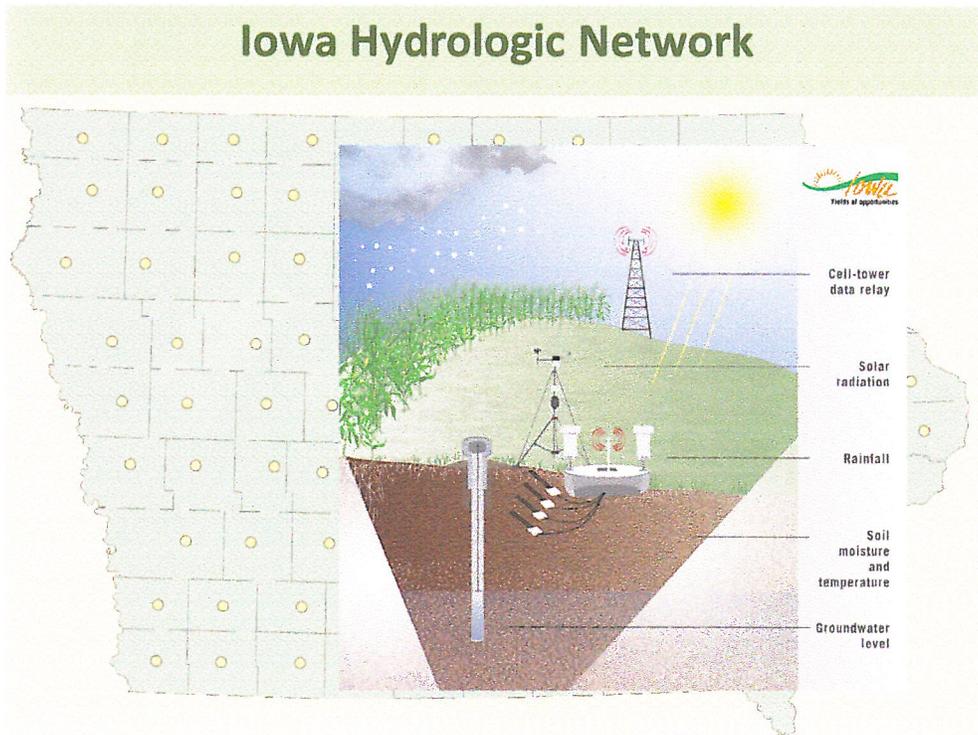
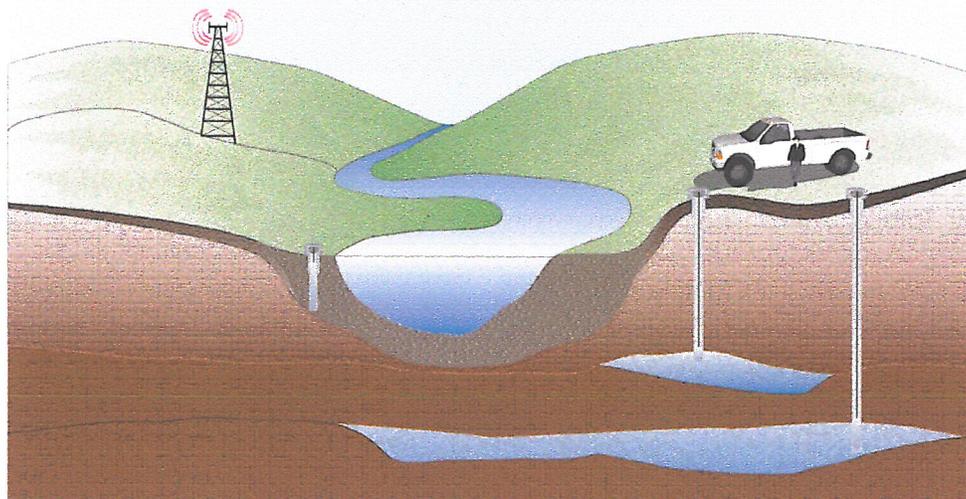


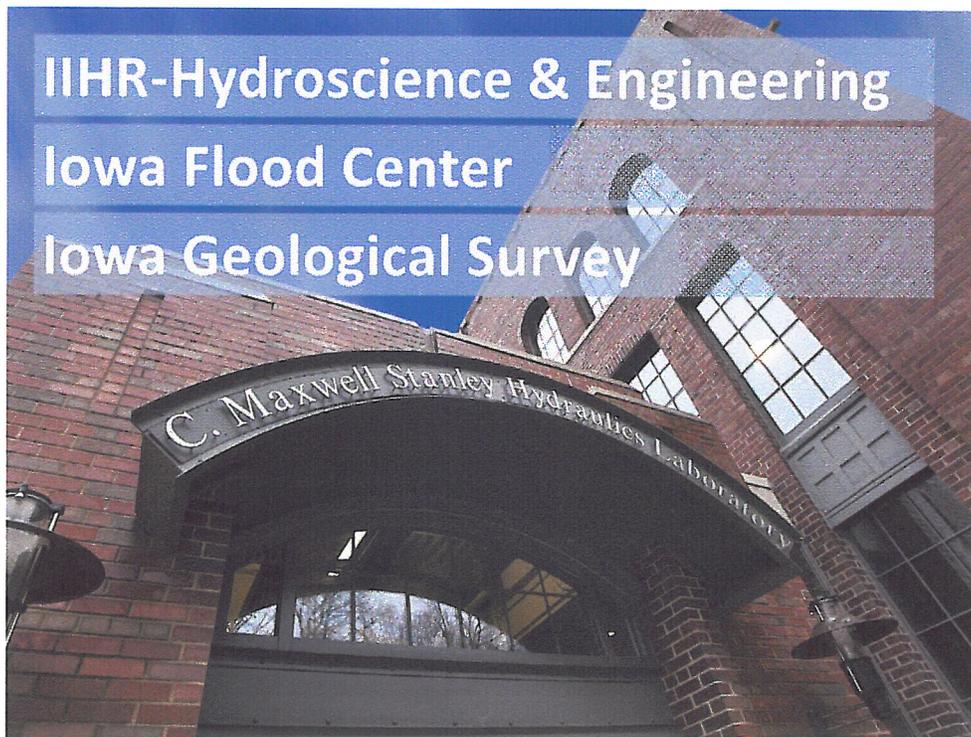
Iowa Hydrologic Network



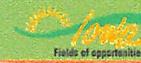
Iowa groundwater monitoring



IIHR-Hydroscience & Engineering
Iowa Flood Center
Iowa Geological Survey



IOWA HOUSE FILE 822



DIVISION VI

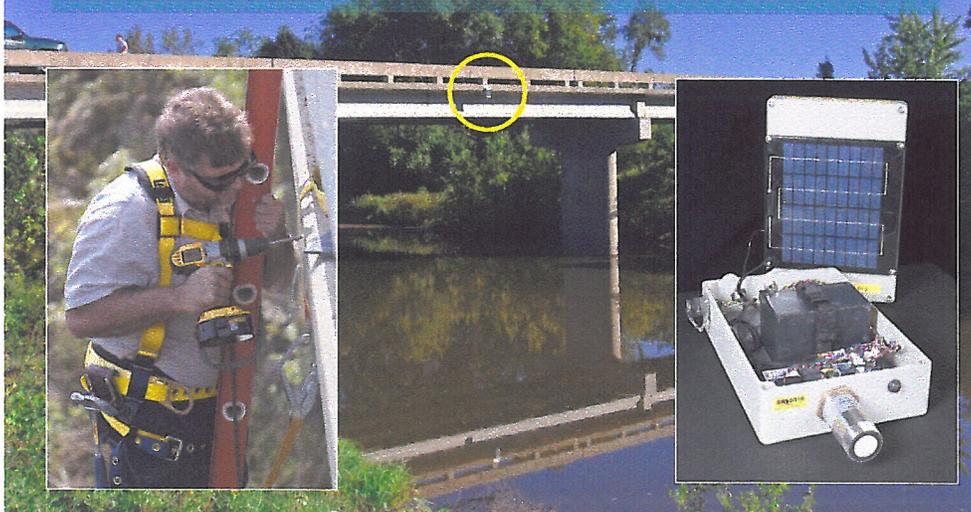
Sec. 15. NEW SECTION. 466C.1 IOWA FLOOD CENTER.

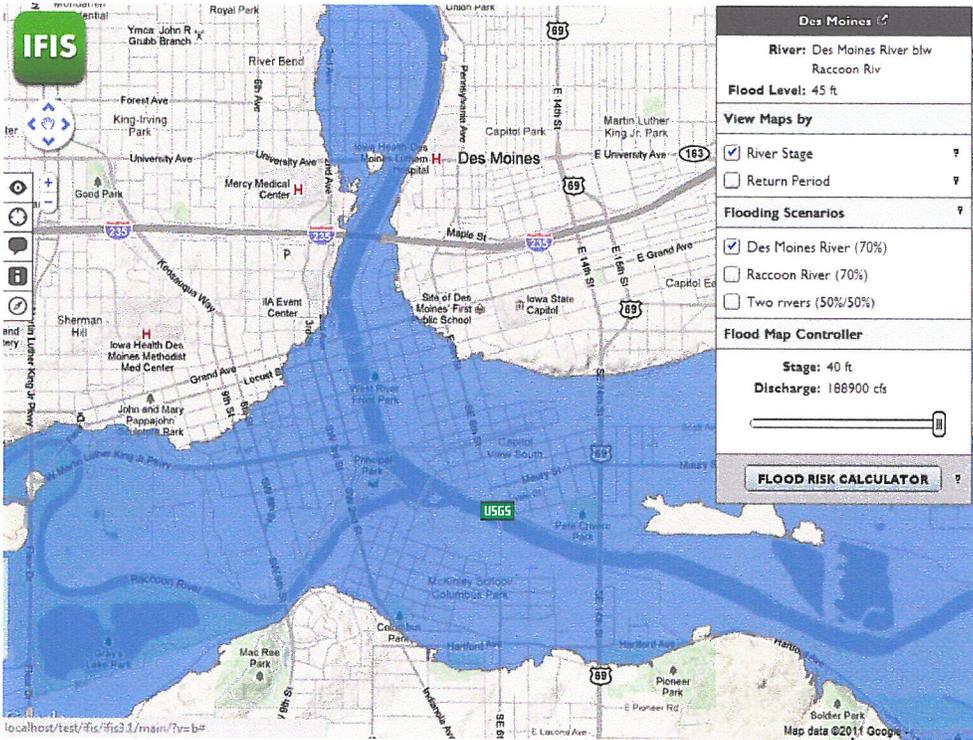
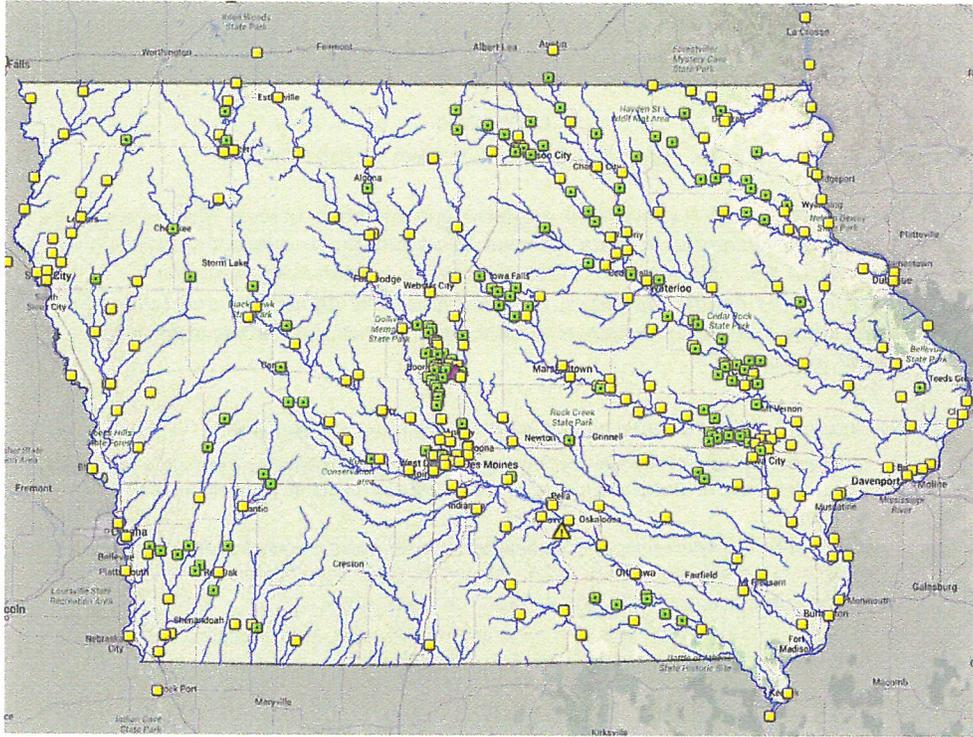
1. The state board of regents shall establish and maintain in Iowa City as a part of the state university of Iowa an Iowa flood center. In conducting the activities of this chapter, the center shall work cooperatively with the department of natural resources, the department of agriculture and land stewardship, the water resources coordinating council, and other state and federal agencies.

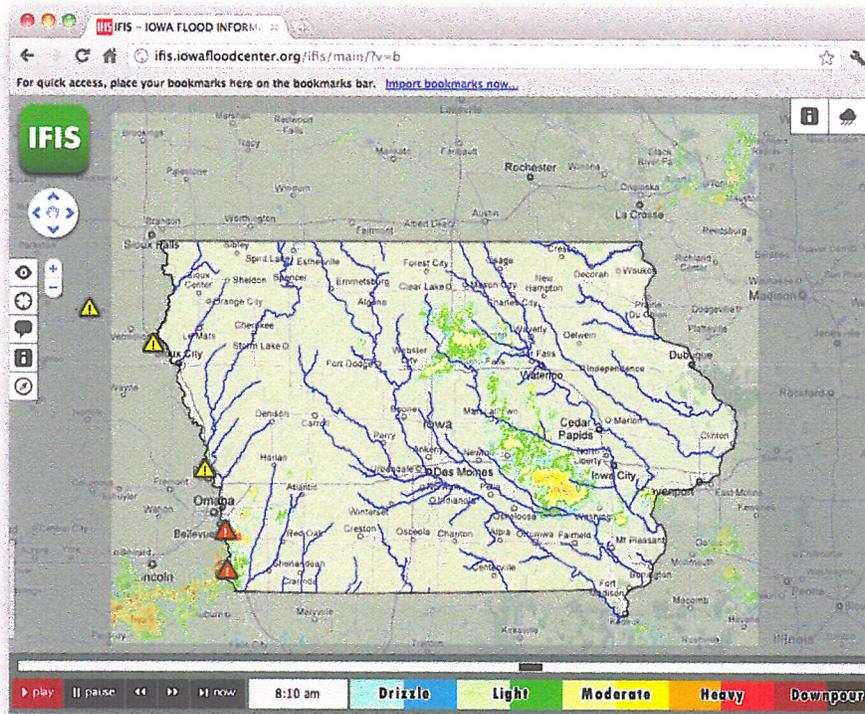
2. The Iowa flood center shall have all of the following purposes:
 - a. To develop hydrologic models for physically based flood frequency estimation and real-time forecasting of floods, including hydraulic models of flood plain inundation mapping.
 - b. To establish community-based programs to improve flood monitoring and prediction along Iowa's major waterways and to support ongoing flood research.
 - c. To share resources and expertise of the Iowa flood center.
 - d. To assist in the development of a workforce in the state, knowledgeable regarding flood research, prediction, and mitigation strategies.

Bridge Sensor Network

... to **improve flood monitoring** and prediction along Iowa's major waterways



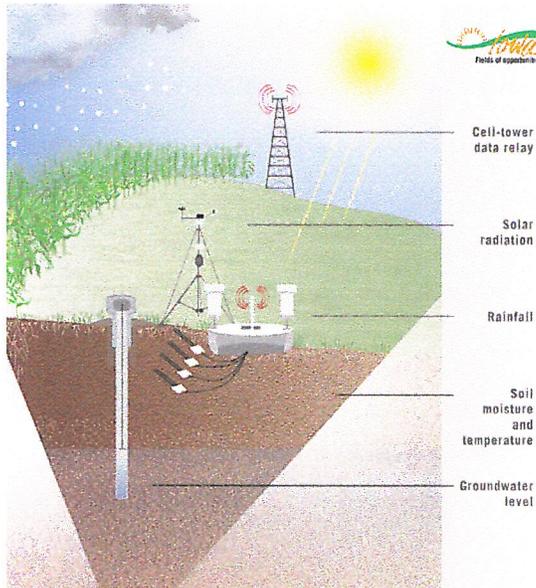
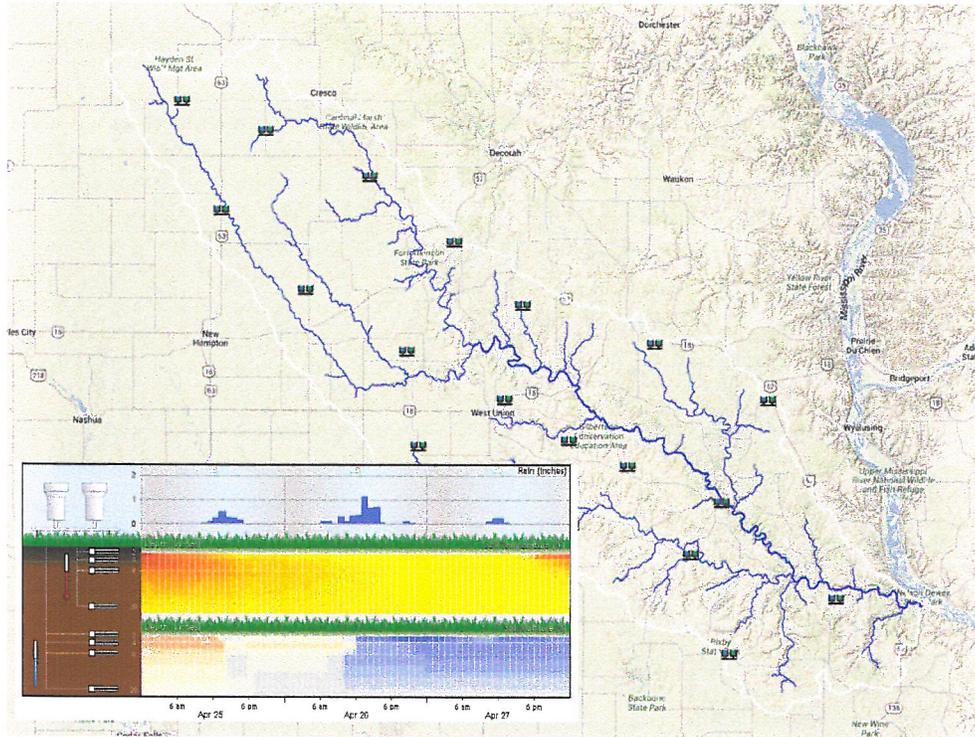




Iowa Flood Center in 2013

"Living with Floods"
Programming with Hancher





Iowa Hydrologic Network

- What is it?**
- Why do we need it?**
- Who will do it?**
- Can they do it?**
- How much will it cost?**
- When can we have it?**

Iowa Hydrologic Network
 To Analyze and Predict Floods and Droughts, Soil Moisture, Ground Water Levels, and Improve Crop Yields



