

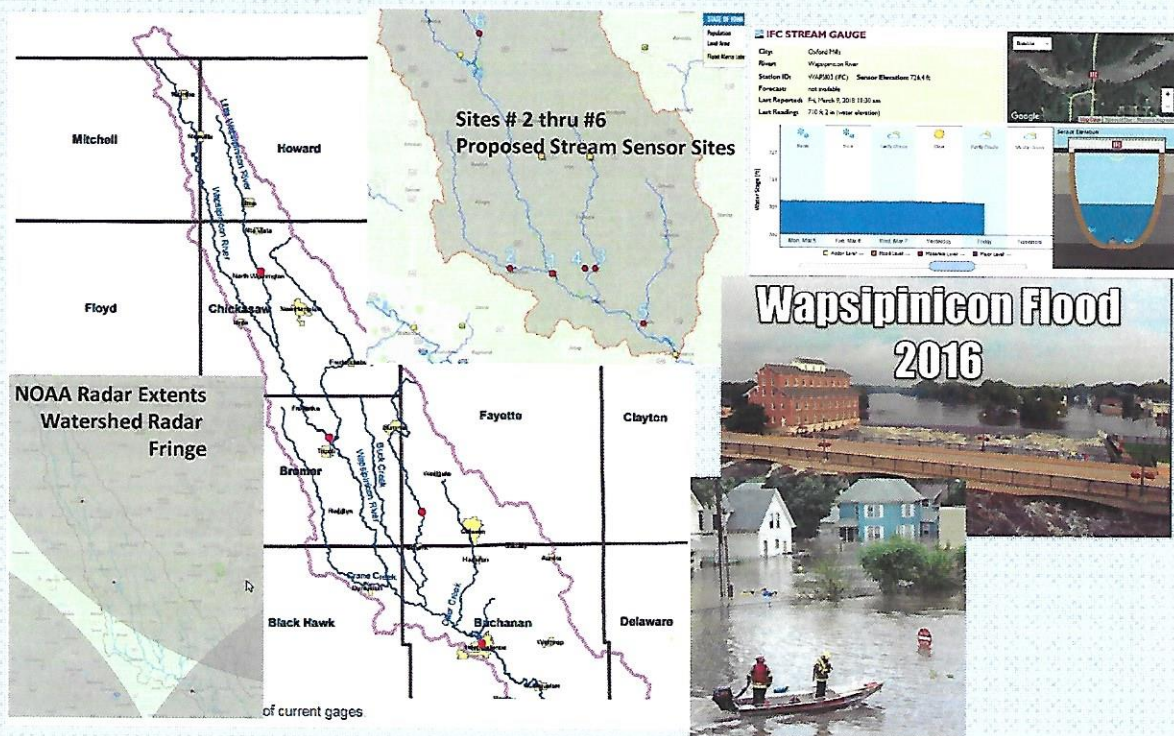
# Upper Wapsipinicon River Flood Forecasting Tools

**Upper Wapsipinicon River Flood Forecasting Tool Need:** Scarcity of radar data and affordable, efficient, on-line accessible stream gage data.

**Collaborative Solution:** affordable, safe, efficient, reliable, on-line accessible bridge sensor gage data.

**Partners:** County EMA coordinators, HSEMD, IDNR, Iowa Flood Center, NWS, NOAA, USGS, and Rock Island District Corps of Engineers. County Iowa State Extension coordinators and County Farm Bureau offices.

**The Iowa Flood Center (IFC)** installs, maintains, and displays real-time, on-line stream data for the entire state. The Iowa Flood Information System (IFIS) is the IFC publically accessible data display platform <http://ifis.iowafloodcenter.org/ifis/sc/plus/>.



## Partnership Opportunity to meet this Flood Forecasting Need!

**Collaborative Investment Opportunity** - The on-line availability of this data, where no other data is available, allows flood response teams to use their limited time and resources in a more efficient and effective manner rather than engaging in repetitive, time-consuming field reconnaissance in anticipation of an impending high water flood event. Community resiliency will be enhanced by the installation of the affordable bridge sensor technology flood response tool.

The installation of 5 bridge sensors within a 7 county area benefits the entire Upper Wapsipinicon River Basin watershed. We have an immediate need for partners to sponsor one bridge sensor per county. The installation cost per bridge sensor is \$3,500 installed by the IFC.

**Collaborative Solution meets Iowa State Hazard Mitigation Plan Expressed Needs**

a) Encourage intergovernmental cooperation, coordination, and communication to mitigate against all hazards; b) Build support capacity and commitment to prevent or reduce risks from all hazards for protection of Iowa's residents and their property; c) Mitigation Measure: Establish procedures, installation, networks, response teams and equipment necessary to issue warnings, alert officials, emergency personnel, and inform the public and ensure that they are in place and operational.

**Please consider this partnership opportunity to meet this flood forecasting need!**

<http://www.mvr.usace.army.mil/Missions/Flood-Risk-Management/Silver-Jackets/>

Contact us for more information.

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