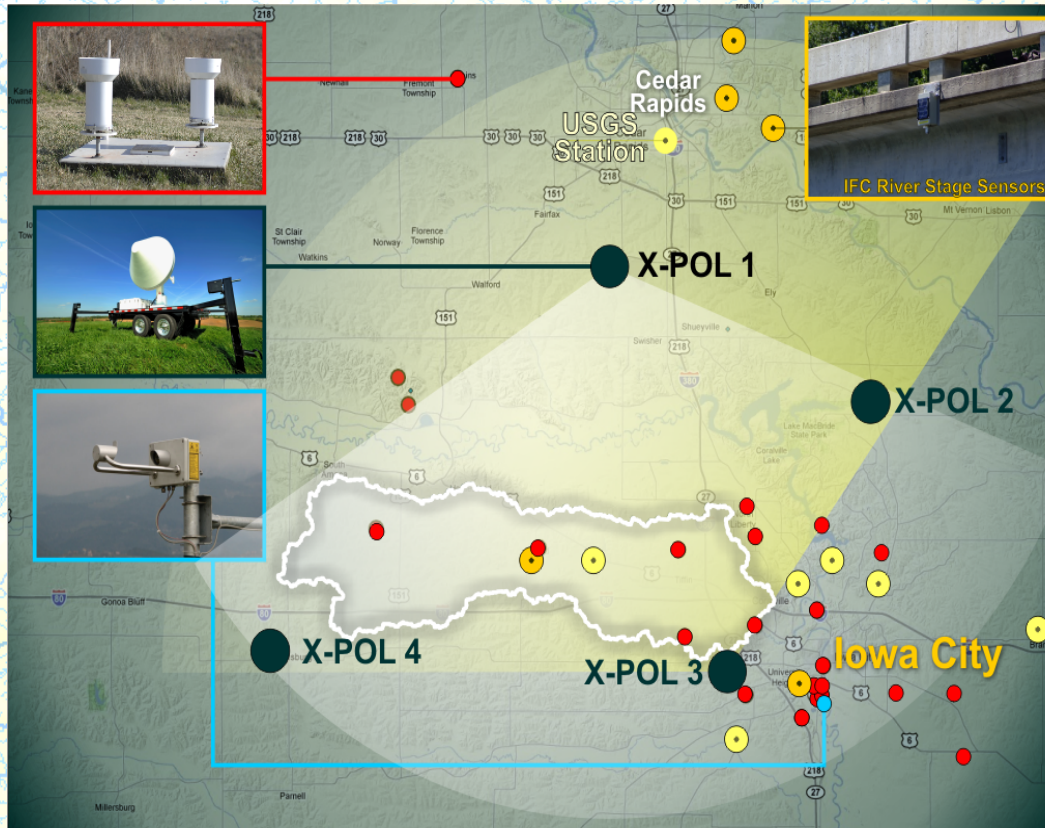
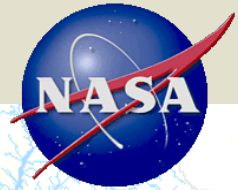
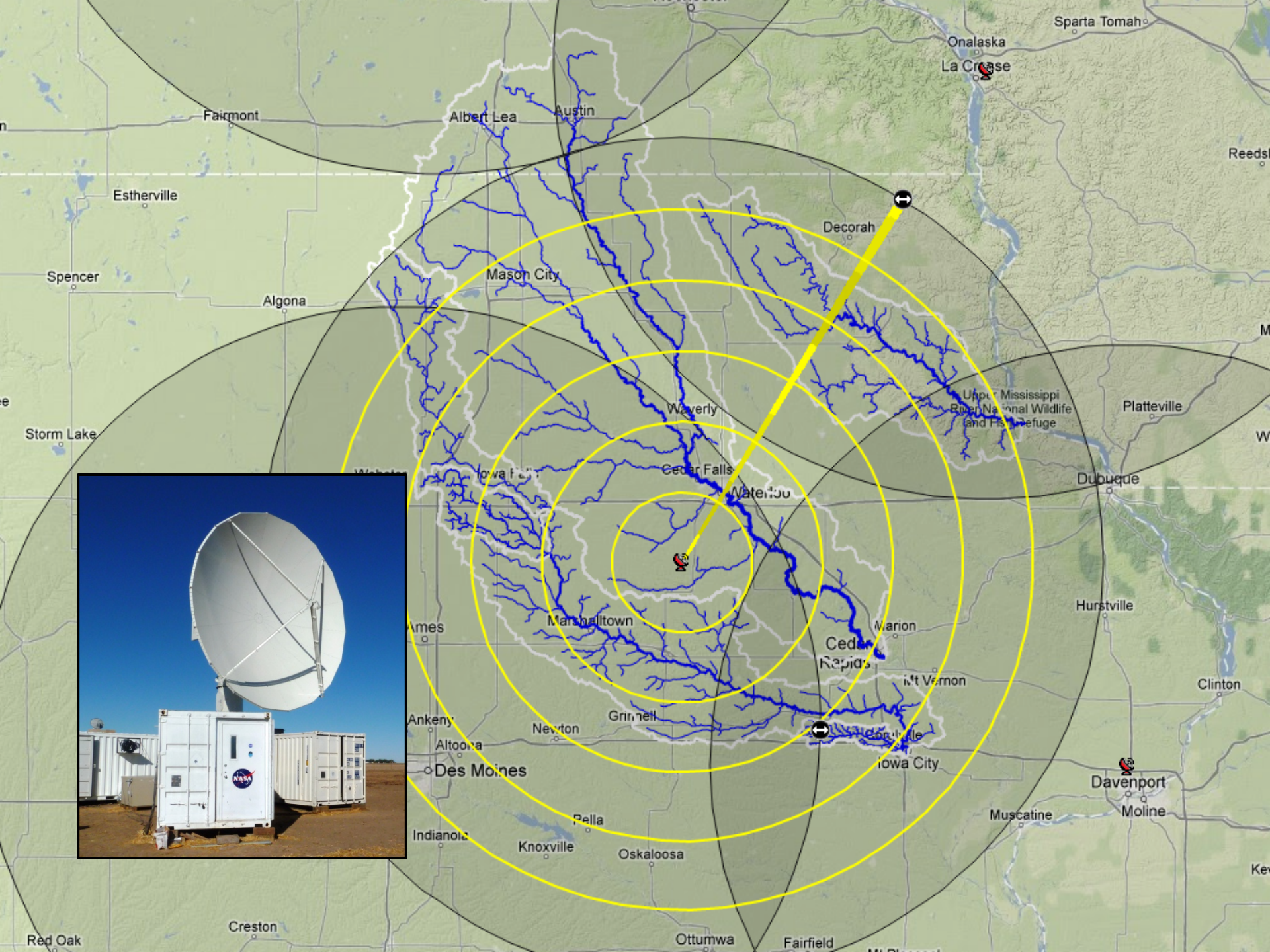


Iowa Flood Studies: Status Report

April-June 2013

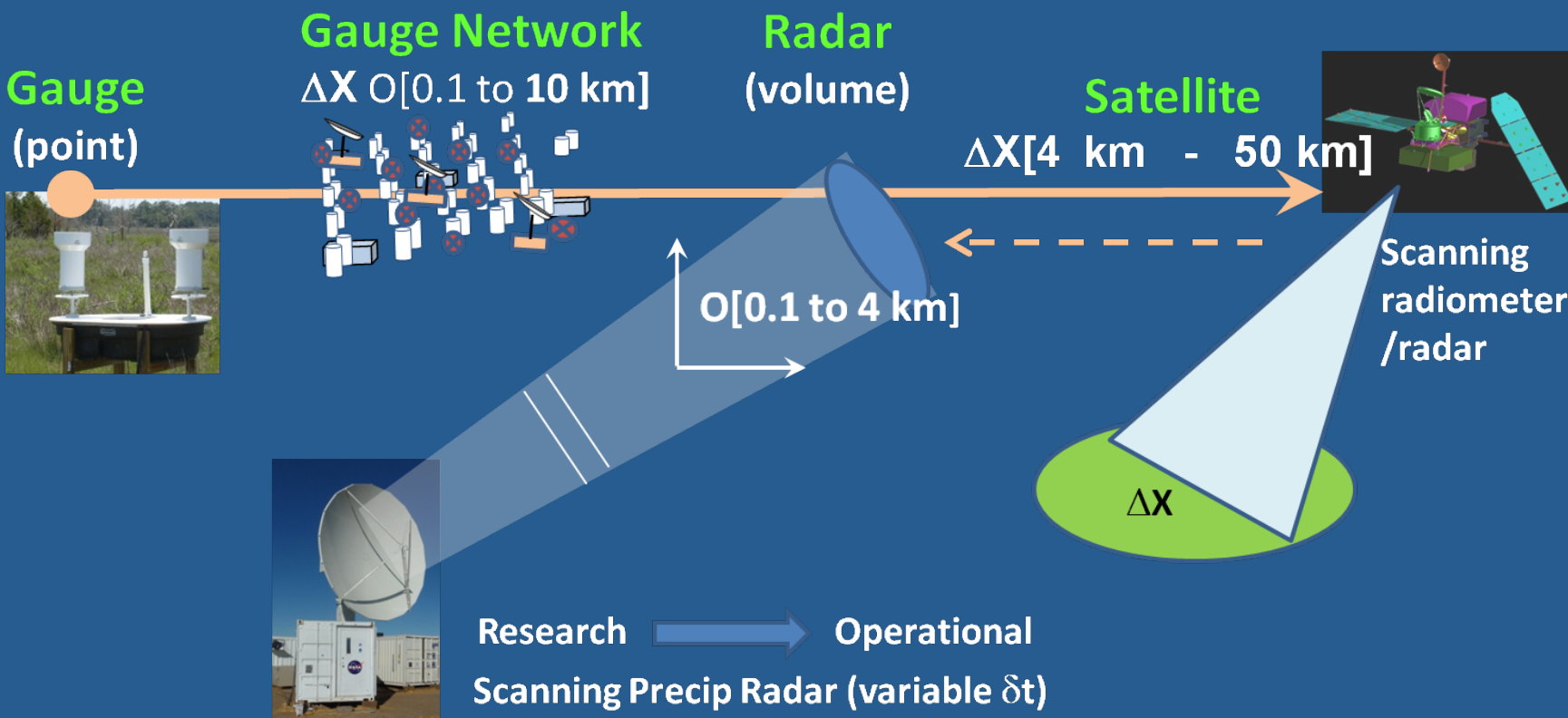






Observations at Many of Scales

Radar as a "bridge"

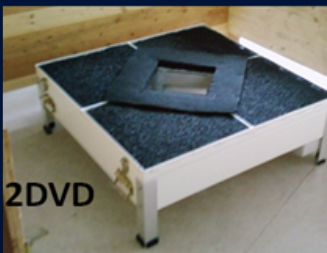
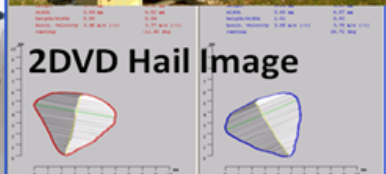




GPM Ground Validation

GPM Measurement Infrastructure for IFloodS

DROP Farm (NSSTC)



2DVD

NPOL Radar



D3R Radar



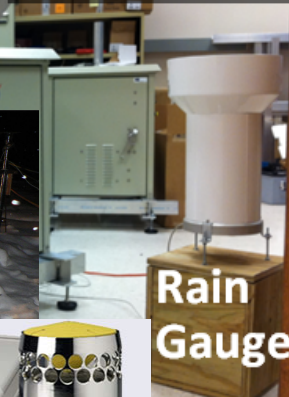
DROP Parsivels in Finland



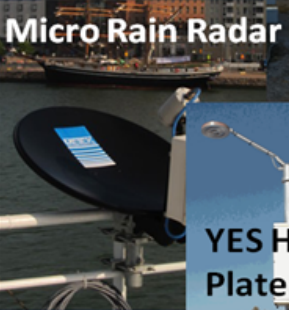
DROP APU



Laser Disdrometer



Micro Rain Radar

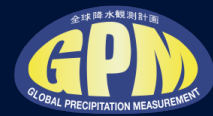
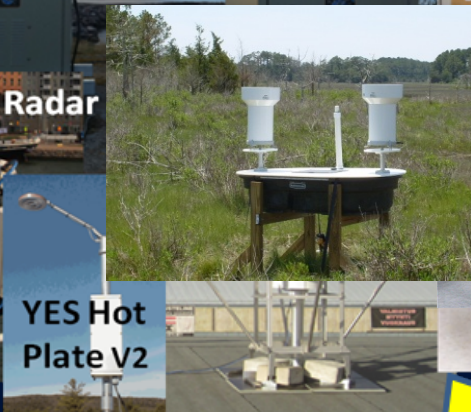


Precipitation Video Imager (PVI)

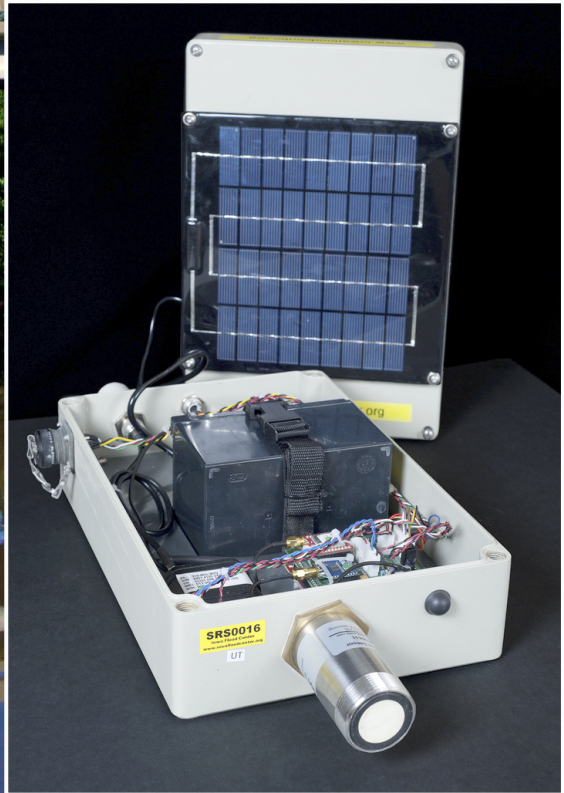


Rain Gauge

YES Hot Plate V2

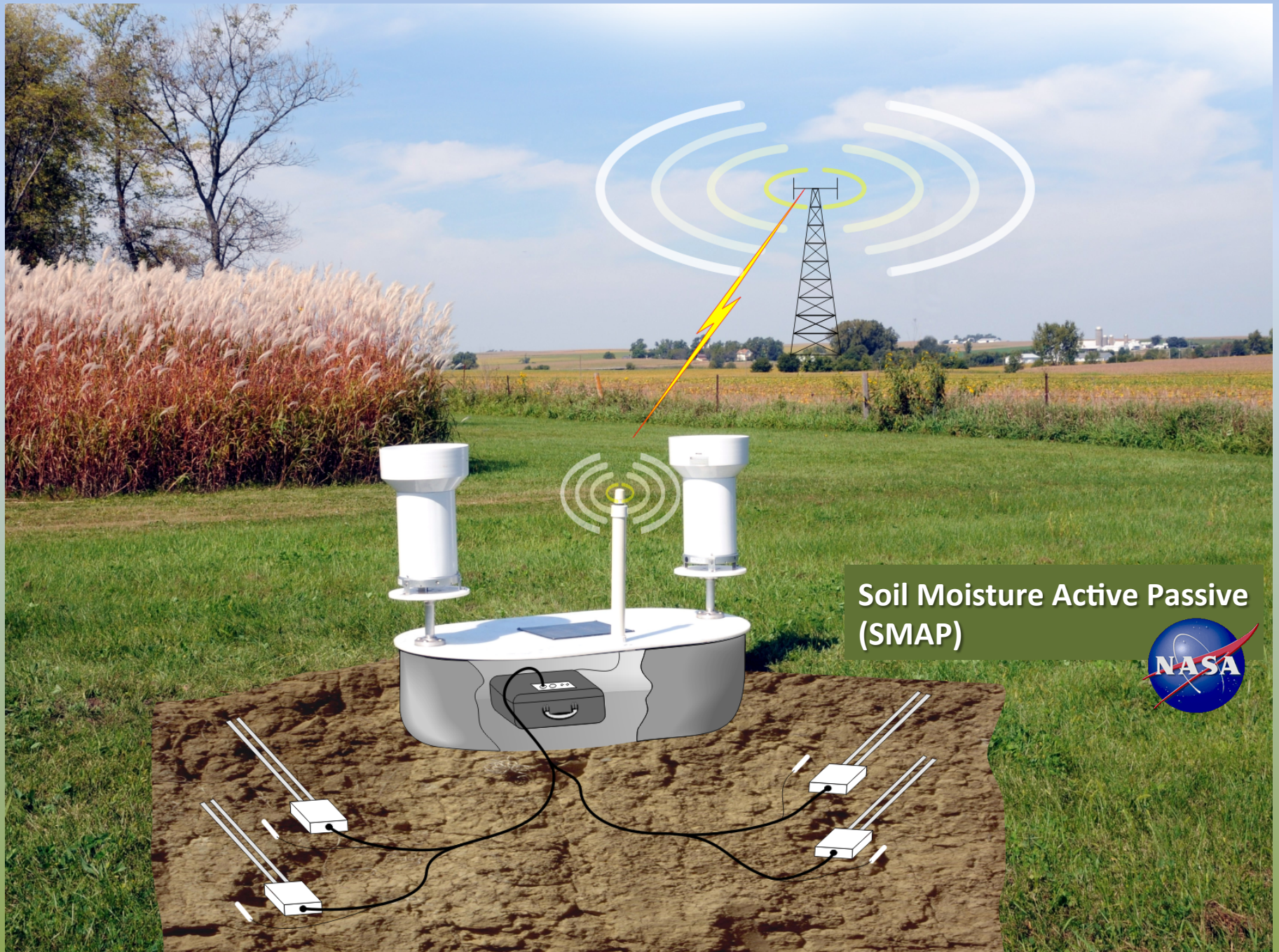


IFC Bridge Sensors

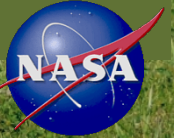


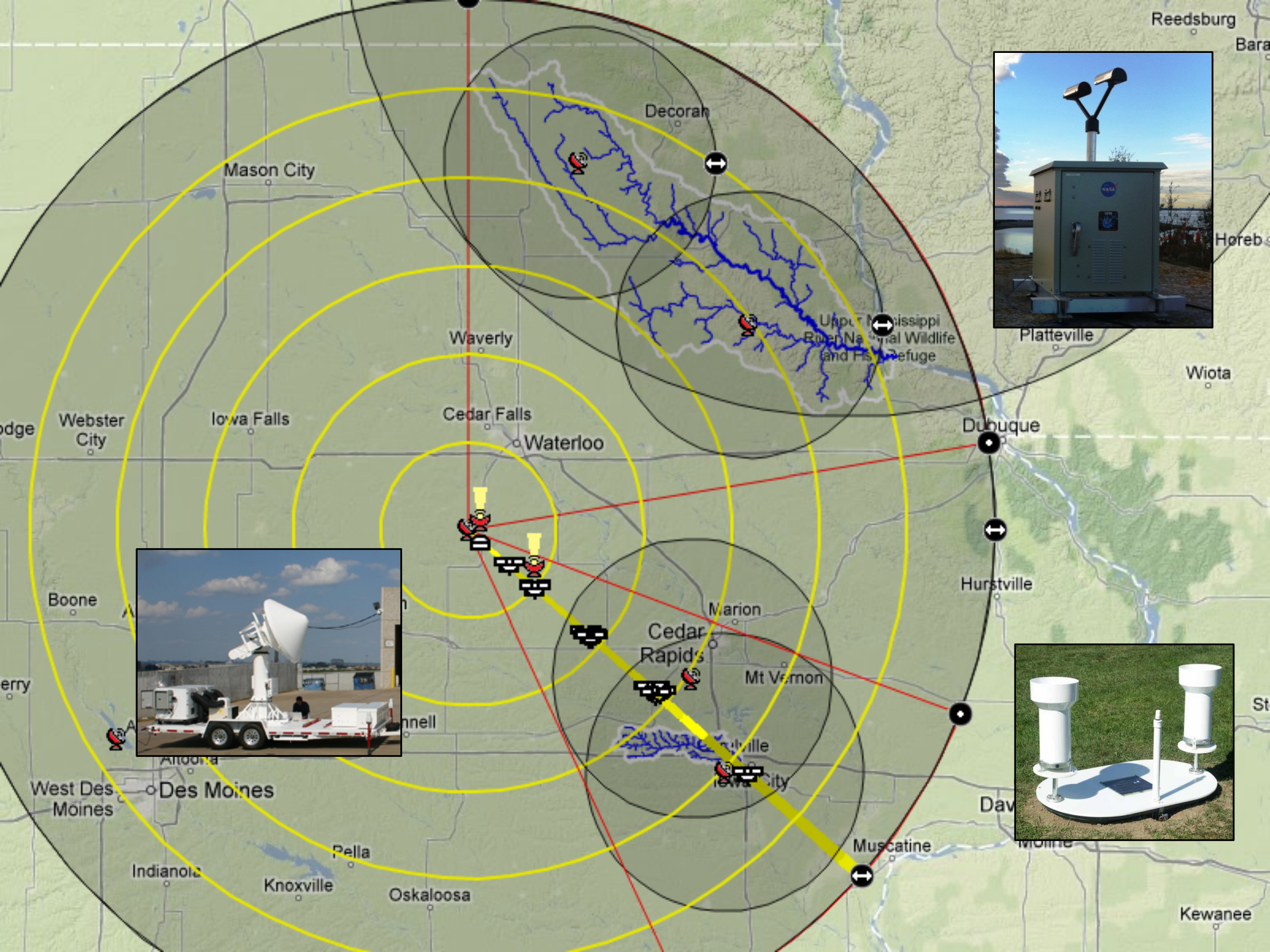




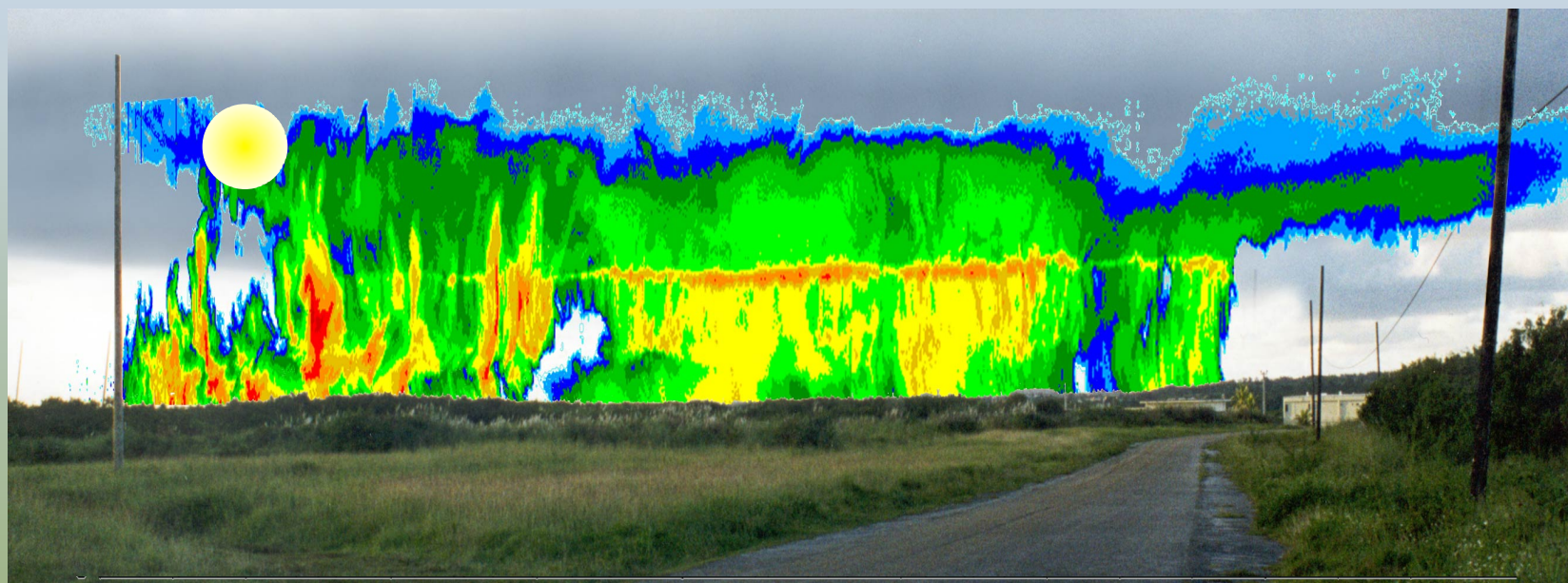


Soil Moisture Active Passive (SMAP)









09:15 09:45 10:15 10:45 11:15 11:45 12:15

Time (UTC)

IFloodS Schedule

- Campaign Begins
- In-situ instruments deployed in the field



NASA's NPOL and D3R Radars Deployed

Campaign Ends

April 1

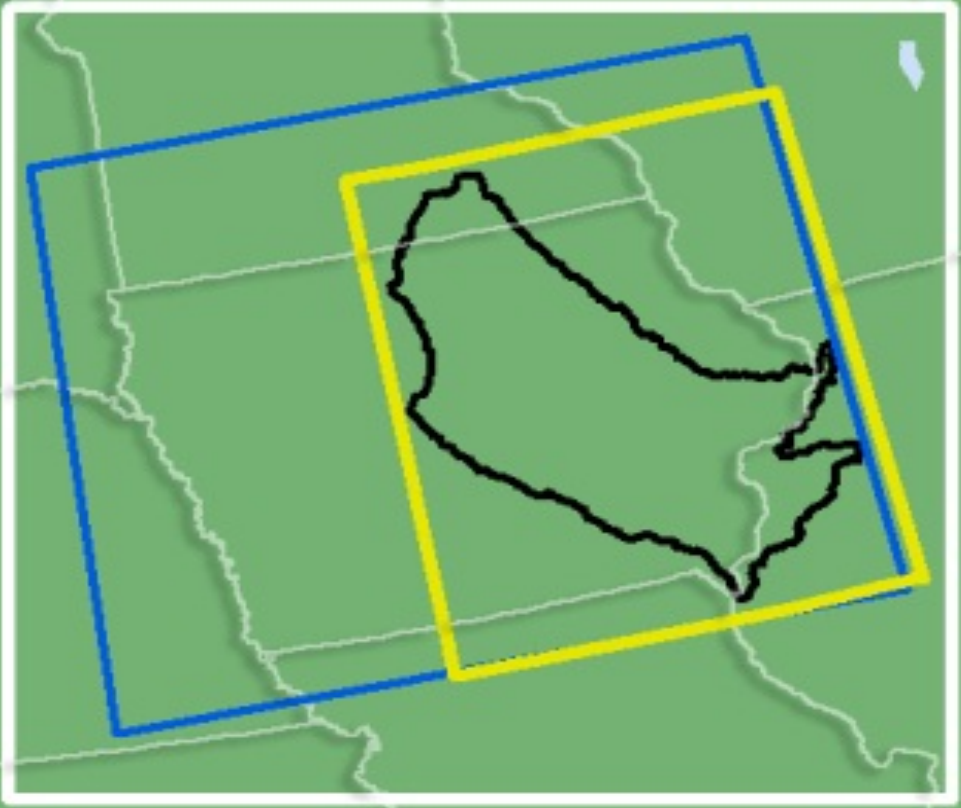
May 1

June 15

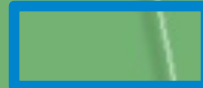
June 30



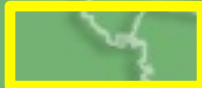
IFC Radar-Rainfall Products



Stage IV



IFC and Q2



HNX-1



**IOWA STATE
UNIVERSITY**

Hydrologic Modeling

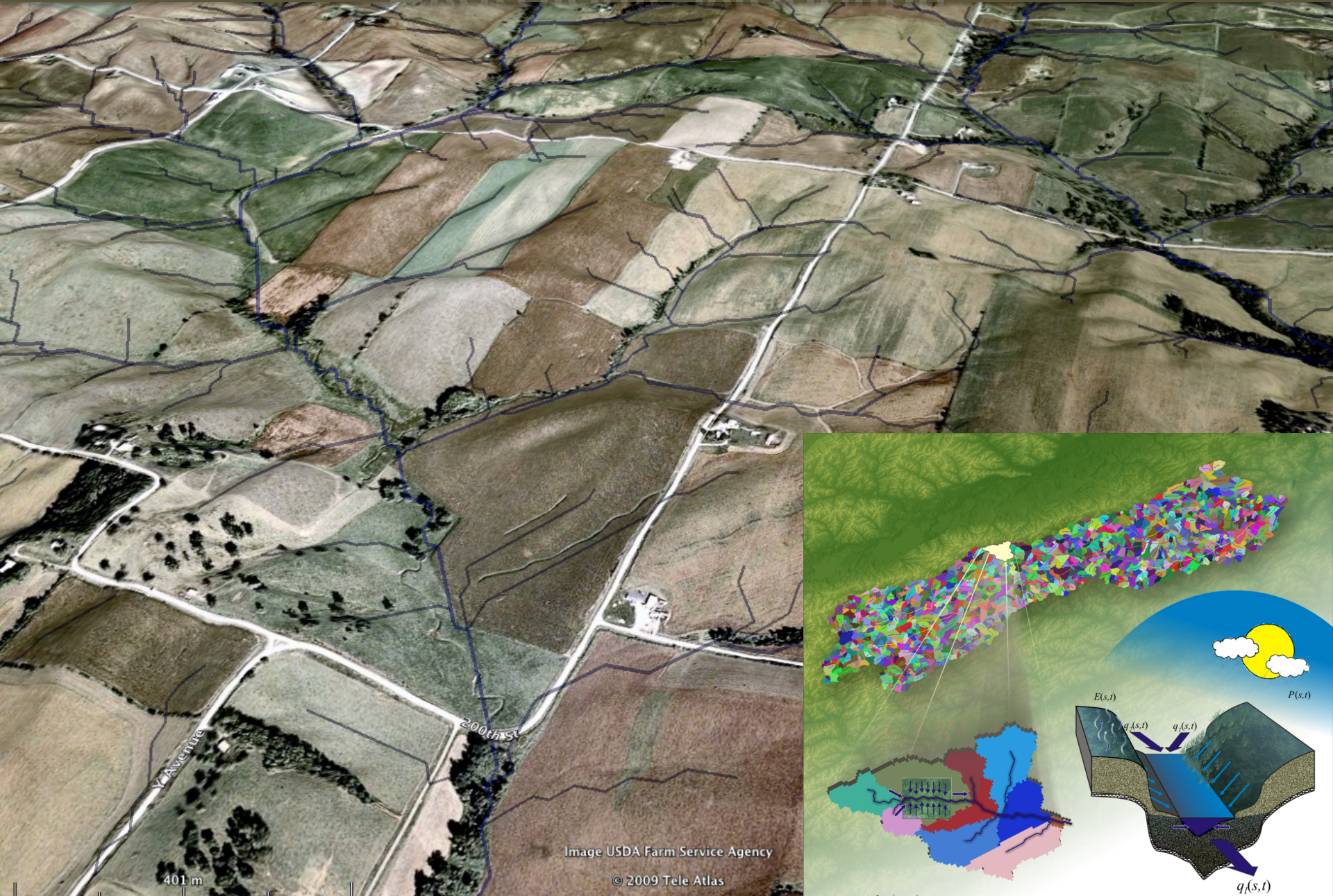
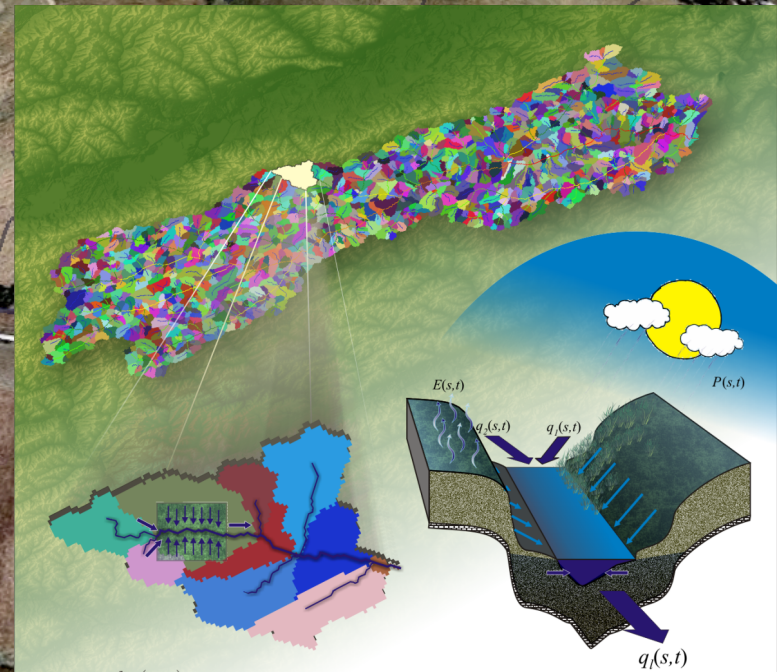


Image USDA Farm Service Agency

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NSF RAPID Grant:

Other contributors:

Emad Habib (ULL): MRR

Mekonnen Gebremichael (Uconn): Two scintillometers

Dominique Creutin (LTHE): Video Disdrometer

Alexis Berne (EPFL): X-POL radar operation

Roy Rasmussen (NCAR): X-POL radar operation

Jeff McDonnell (Canada): Isotopic samplers

Modelers:

Fred Ogden (U. Wyoming)

Chris Duffy (Penn State)

Pedro Restrepo (NWS NCRFC)

USGS



CUAHSI

universities allied for water research

This Friday CUAHSI Webinar

Useful links:

ifis.iowafloodcenter.org

ifis.iowafloodcenter.org/ifis

ifis.iowafloodcenter.org/ifis/more/ifloods/

Campaign Portal

<https://fcportal.nsstc.nasa.gov/ifloods/>



We are ready!