

The RECOVER Post-fire Planning Project

Keith T. Weber, GISP

GIS Director, ISU

John Schnase, Mark Carroll, Roger Gill, and
Molly Brown



Overview

The screenshot shows the website for the RECOVER project. At the top, there is a navigation bar with links for Home, Training, Research, Services, and Contact. The main content area is titled "RECOVER" and includes a sidebar with "Objectives", "Overview", and "Results". The main text describes the project's goals and the use of state-of-the-art cloud-based data management technologies. A sidebar on the right lists "Investigators" (Keith T. Weber, John Schnase, Molly E. Brown, Mark Carroll) and "Related links" (NASA Goddard Space Flight Center, Press release, BAER Tools website, BAER Tools VAR worksheet). The footer contains social media links and three columns of additional resources: "Explore the GIS Center" (Facilities, Free newsletter, Visiting scholar opportunities, Privacy), "Understanding GIS" (What is GIS, World GIS Day, Get some help with GIS, GISP, URISA), and "Services" (Workshops, Spatial data library, Software, Campus web GIS).

- RECOVER = Rehabilitation Capability Convergence for Ecosystem Recovery
- Decision Support System (DSS)
 - Wildland fire managers,
 - BAER teams
 - ESR teams

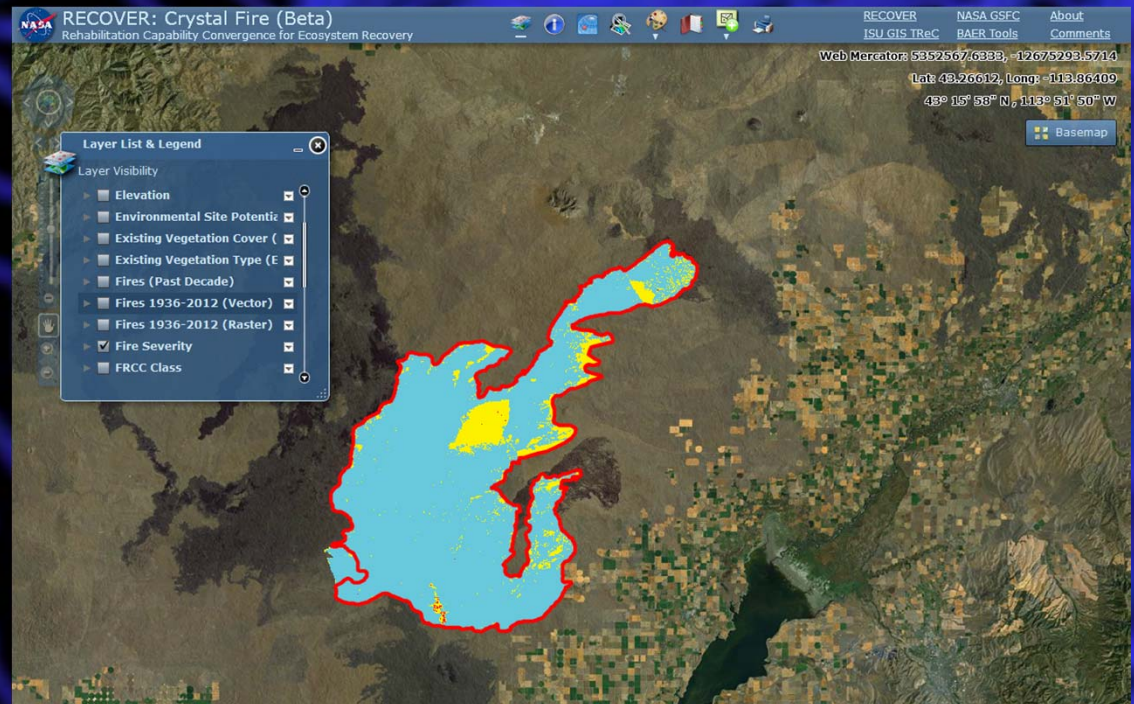
<http://giscenter.isu.edu>

Goals

- To improve landscape rehabilitation following wildfire by improving the decision *process*
 - All data in one place →
 - More/better information →
 - Better informed decisions
- How? Leveraging cloud-based, web services

RECOVER is running now...

- 2013 fire season-
5 wildfire sites
 - Mabey Canyon
 - 2 ½ mile
 - State-line
 - Pony Creek
 - Incendiary Creek



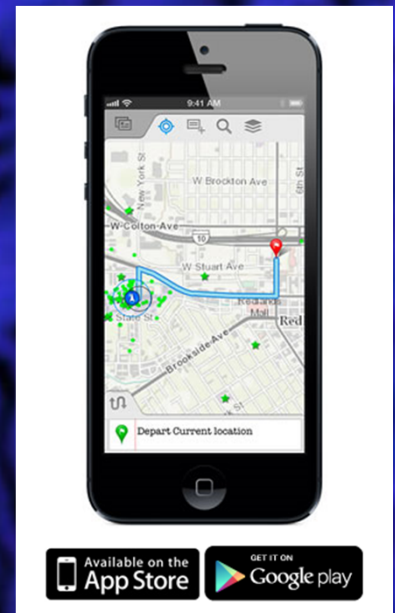
RECOVER

- Uses:
 - Best-available data
 - Best-available technologies
- To provide *near real-time*¹ DSS capabilities

1- response time 35 minutes

Future of RECOVER

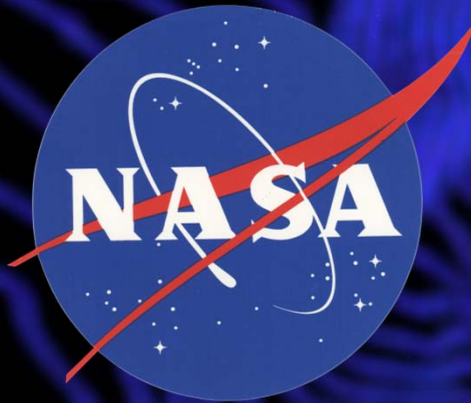
- Continue client-centric approach
- Incorporate improved geospatial data as it becomes available
- Offer mobile solutions
- Live, in-the-field data collection¹



1- Using Collector for ArcGIS

Acknowledgements...

Questions?



- Operational Partners

