

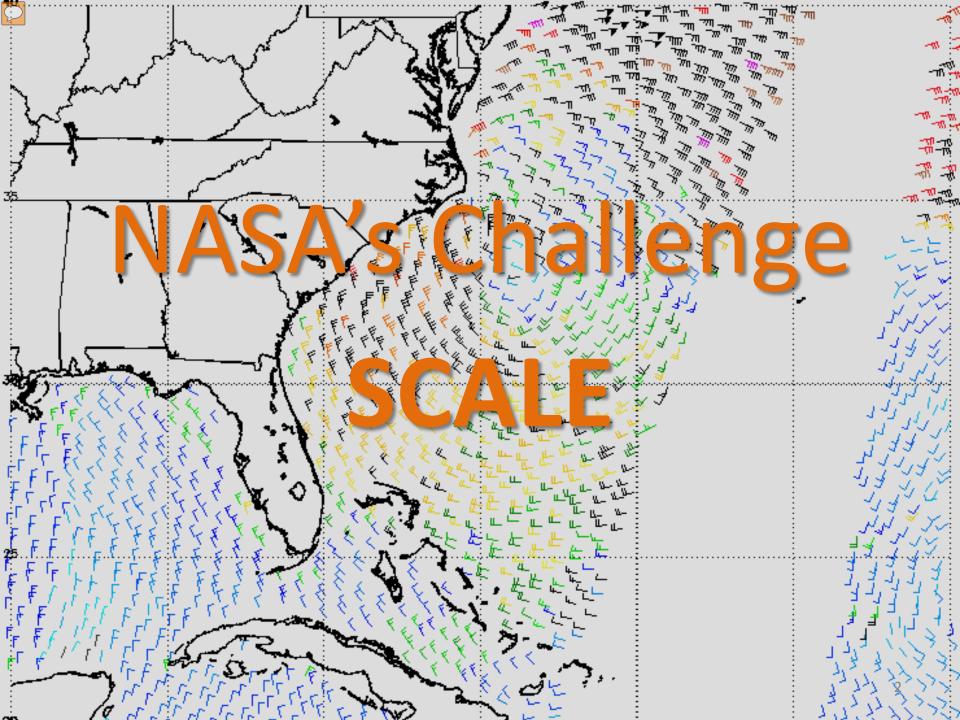
Data Access and Storage of Earth Science Data in the Cloud Experiments in Collaboration

Adrian Gardner, CIO

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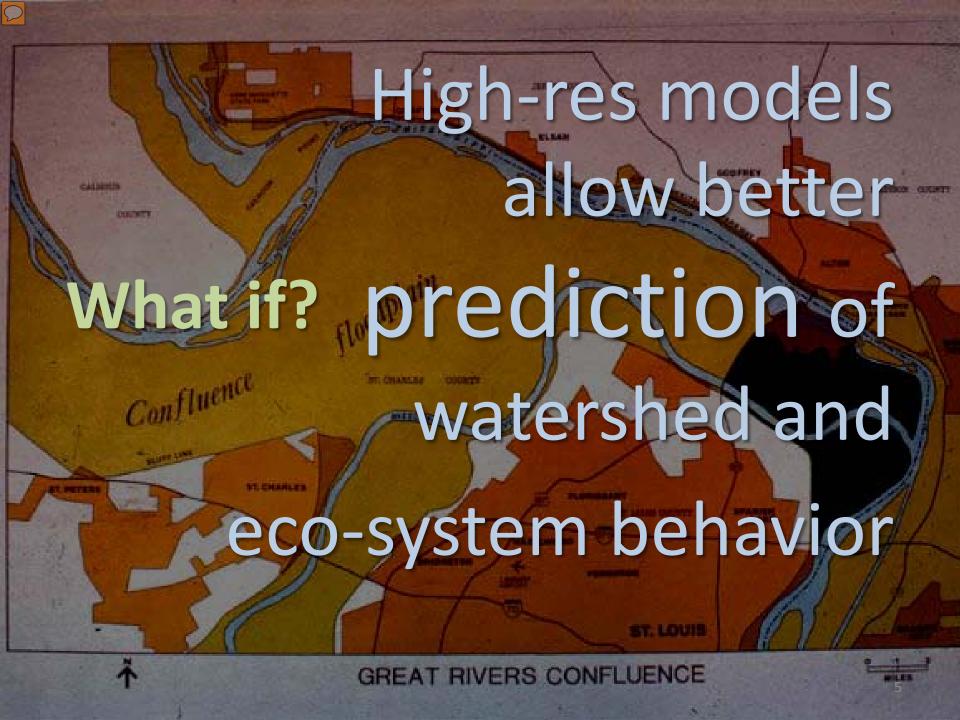
Federation of Earth Science Information Partners, Winter Meeting

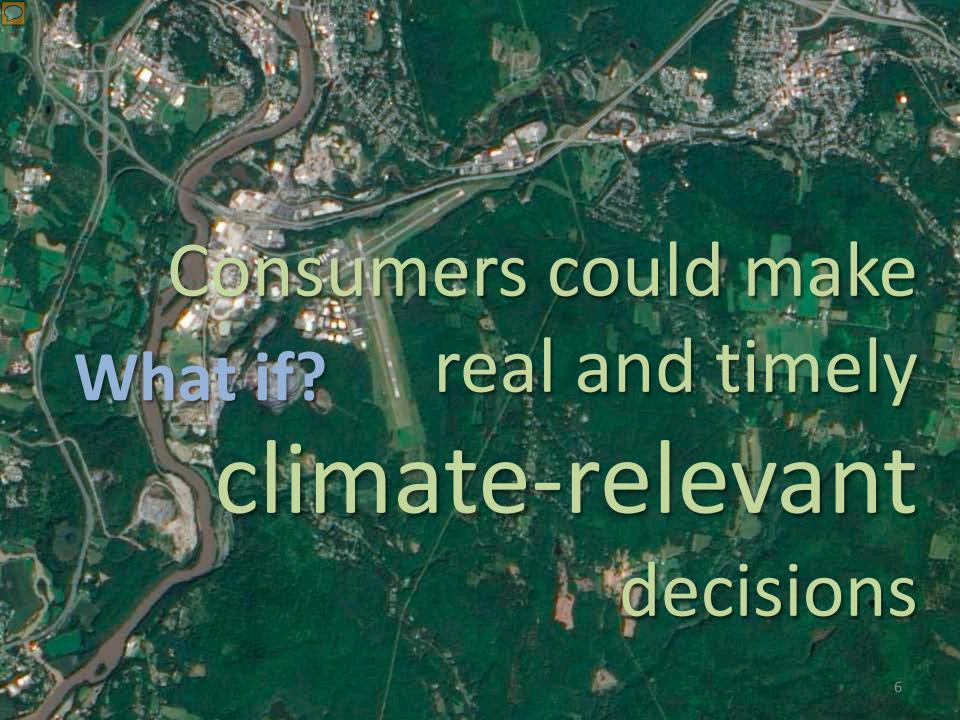
January 5, 2012





Real-time disaster What if? data integration empowering rescue and recovery workers











Up-front investment may be significant

Prototypes flesh out what will and won't work

New Skill sets required

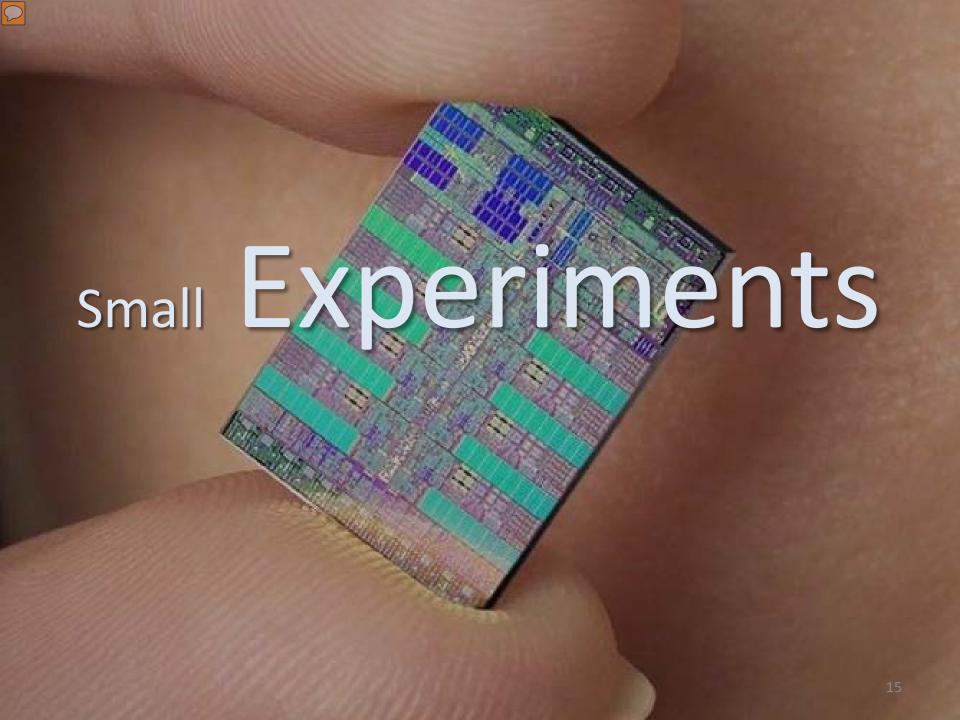














Ongoing Prototype

Goddard Data Storage Cloud Pilot Project



Giovanni - The Bridge Between Data and Science











ESIP Community Challenges

Effective utilization and optimization of computing storage and communications resources

Fault tolerant systems that continuously aggregate and process data while ensuring integrity

Tracking how, when, and where data are created and modified (Provenance)

Machine to Machine computing (remove human factor)

Questions?



If you want more information, please reach out:

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