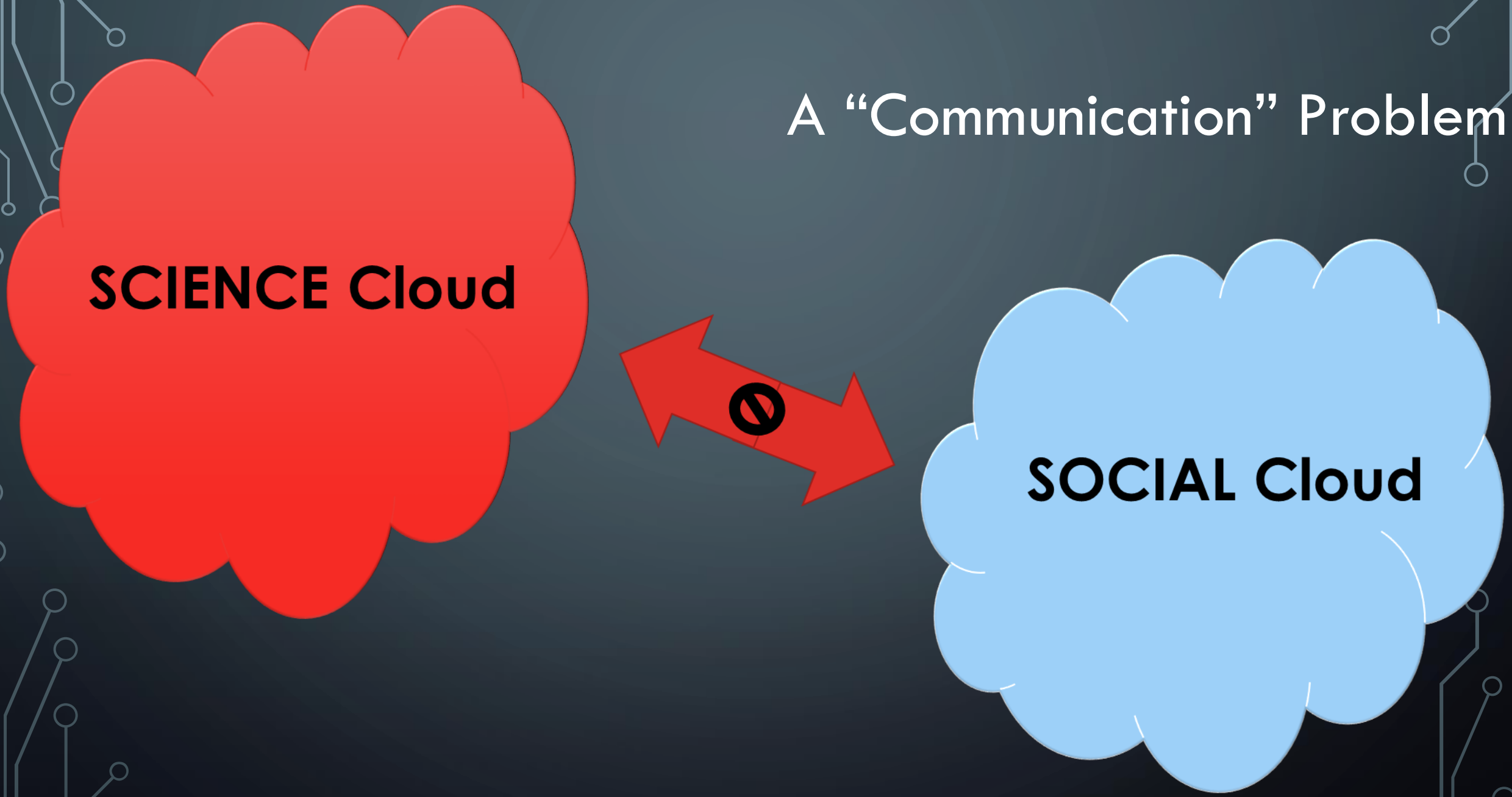
Translator

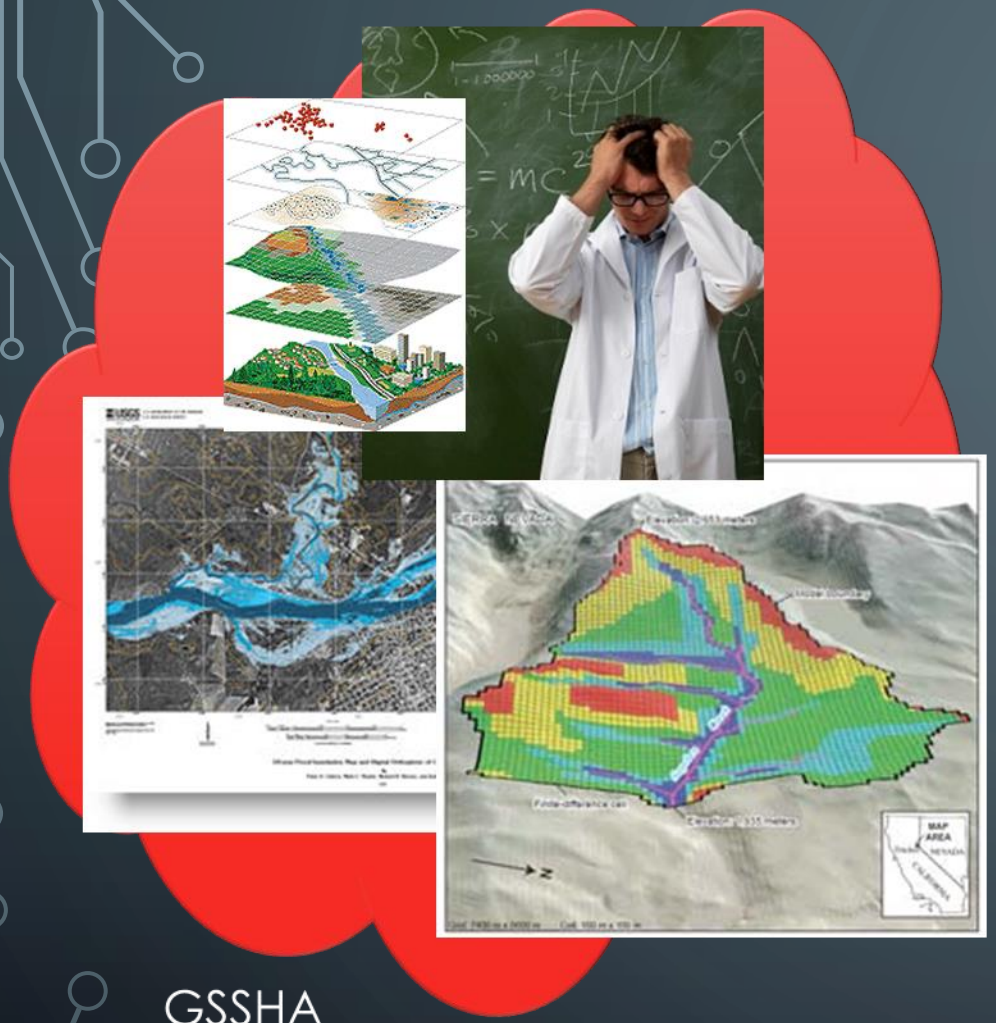
PROGRESS REPORT

WHITNEY HENSON, RICHARD GARTH, DAWNE BUTLER, CHRISTOPHER FRANKLIN

A “Communication” Problem

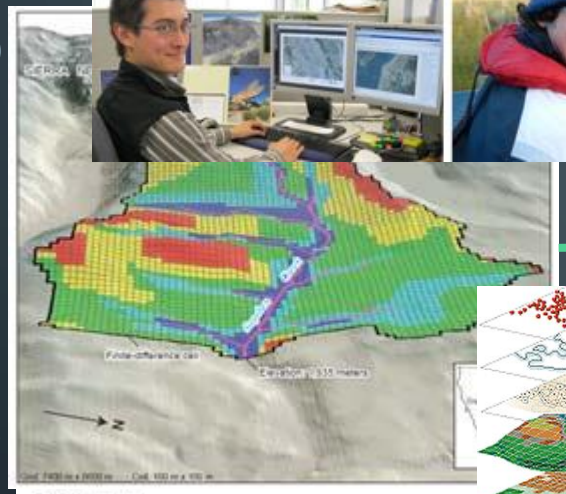


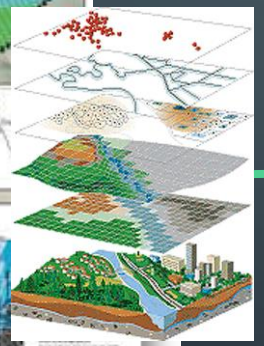
A “Communication” Problem

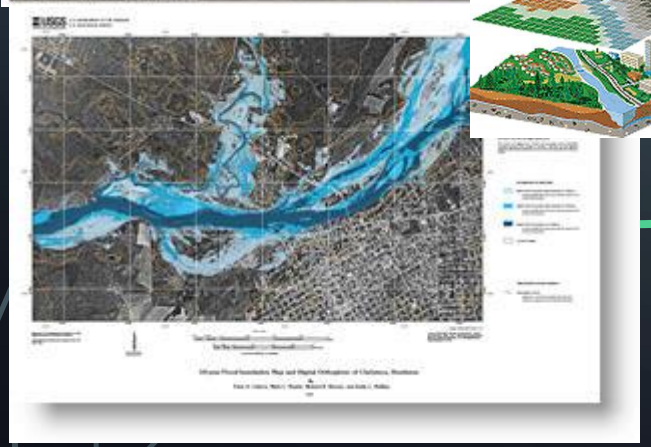


GSSHA
AutoRoute
iRIC
SPRNT
Tethys
National Water Model

A “Communication” solution



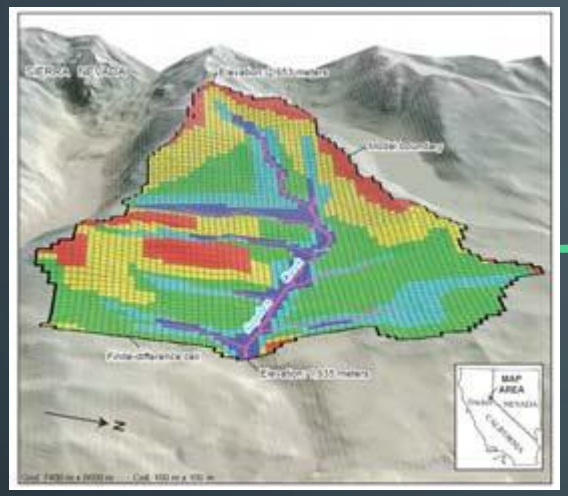




“Translator”

A Rosetta Stone

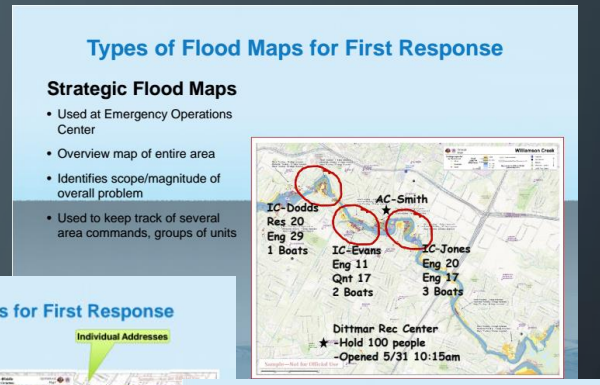
“Proof of Concept”

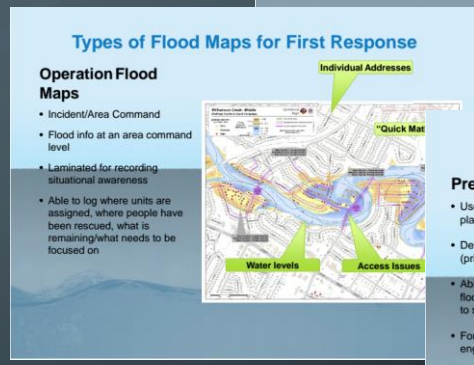


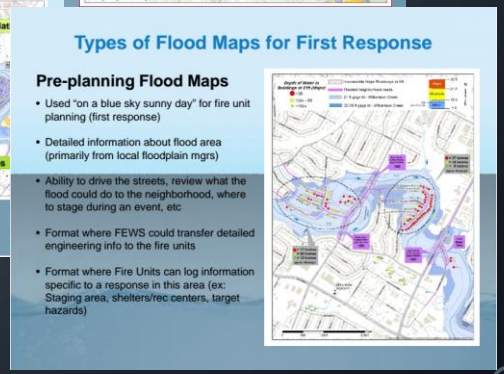
“Translator”

Sliced Rosetta Stone

Austin Templates







FLOOD EMERGENCY RESPONSE

	Emergency Responders	Public
Action (Real-time)	***Incident Response*** — *Tethys Apps* • *Current and forecast storm rainfall* • *Current and forecast flood conditions* • *Impact on homes, critical infrastructure, and transportation routes*	***Warnings*** — *FloodHippo* • *Public notification and warnings* • *Current and anticipated road closures* • *Real-time and forecast flood maps*
Planning (Training and Exercises)	***Wide Area Flood Plan*** — *Translator* • *Static flood risk maps* • *Number of flooded homes, critical infrastructure and transportation routes for different risk conditions* • *Pre-planning of flood response mobilization*	***Public Education*** — *Dawne* • *Local topography and relation to stream* • *Putting together a "go bag" for evacuation* • *Flood hazard prevention methods*

STORYBOARD FOR "PROOF OF CONCEPT" PLATFORM

1. Authorized ACCESS
2. Event TICKET
3. Knowledgebase QUERY
4. Responders IDENTIFIED
5. Responder NEEDS ?
6. Responder ACTIONS

http://arcg.is/2991SRF