

Phase I (2008-2013)

Primary Focus: Improving access to climate information for use in planning processes.

- Physical analyses and tools
- Multi-hazard planning

Elements

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Program

Metho

Based upon 5 research and development elements:

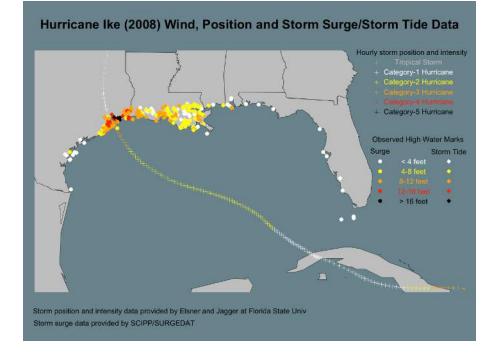
- Integrated extreme event database and information system.
- Conducting climate variability and risk assessments.
- Creating web-based GIS services for climate risk and scenario analyses.
- Engaging in demonstration and development projects with selected communities.
- Providing general education and outreach.
- Broad engagement ("love all, serve all") olders Developed in context of National Climate Service Drawing upon strengths of state climate offices, Southern Regional Climate Center takeh Learning the landscape S **Developing Tools, Interviews, Surveys, Webinars,** ds

Working Groups / Meetings

(**Bolded** = Greater focus during that phase)

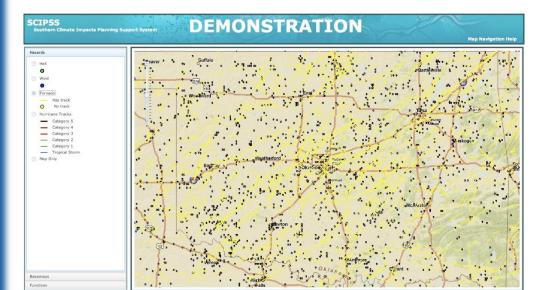
EVOLUTION OF STORM SURGE ENGAGEMENT, ASSESSMENT AND TOOL DEVELOPMENT

Internal Interest, Database Development, Frequency and Causes



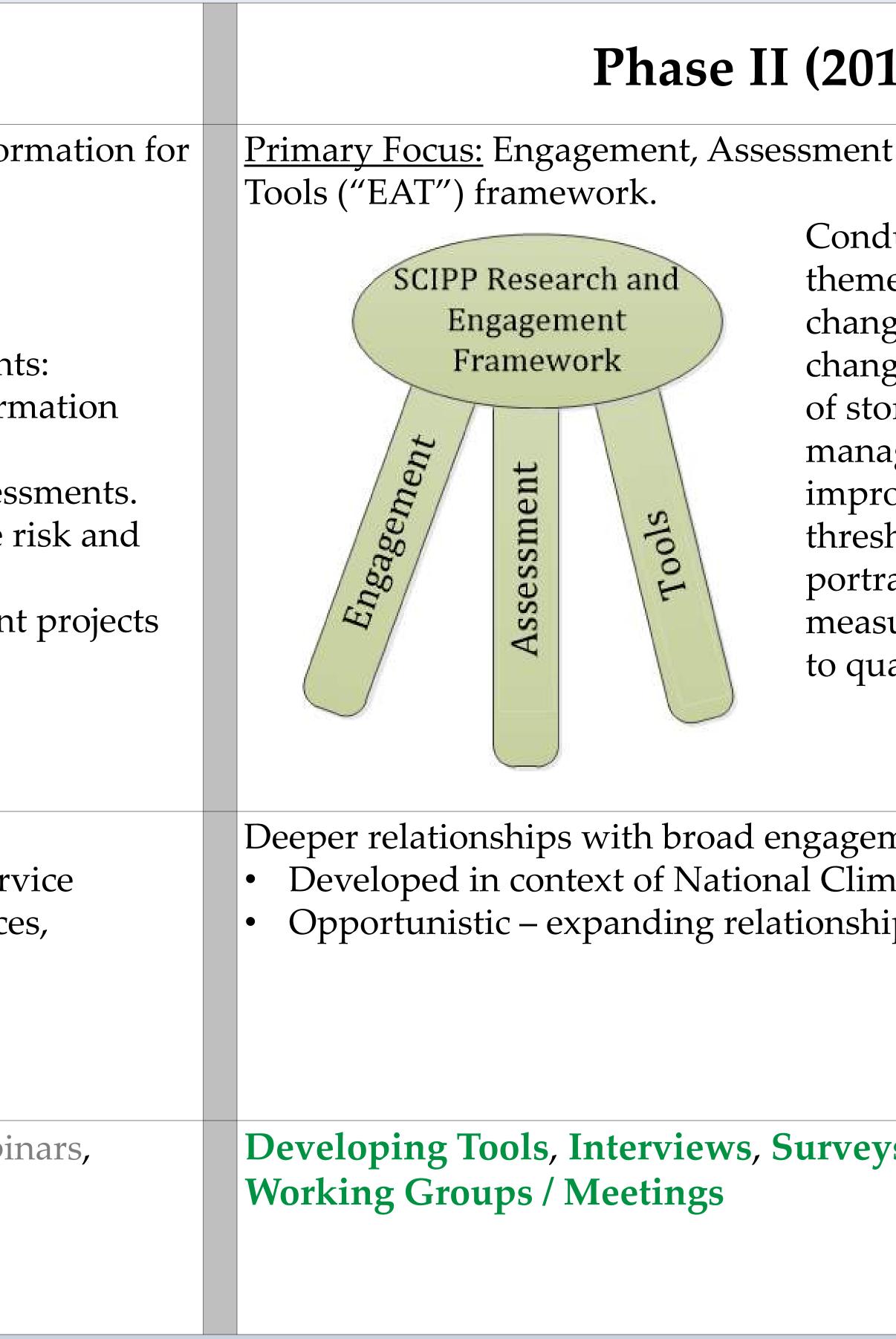
EVOLUATION OF HAZARD PLANNING ENGAGEMENT, ASSESSMENT AND TOOL DEVELOPMENT

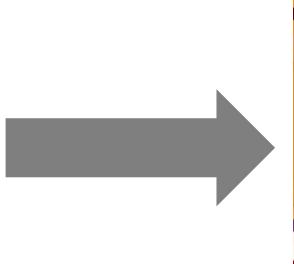
Single Web-Based, Real-Time, All-Hazards Tool



Southern Climate Impacts Planning Program

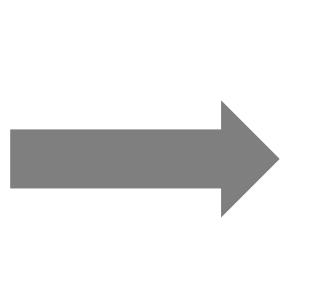
Mark Shafer¹, Barry Keim², Rachel Riley¹, Margret Boone¹, Vincent Brown² ¹University of Oklahoma, ²Louisiana State University







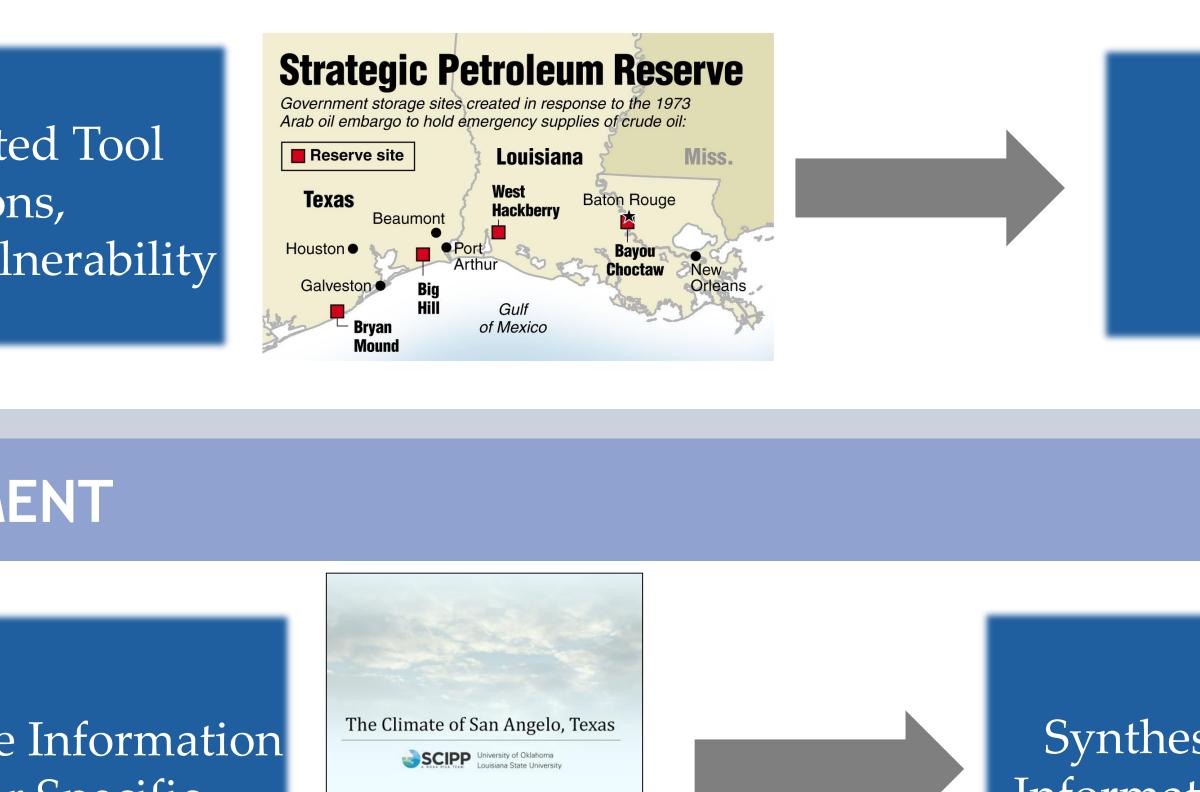
Broad & Targeted Tool Applications, Infrastructure Vulnerability





Detailed Climate Information Syntheses for Specific Locations

13-2018)	Ph
t (formal and informal research),	Primary Focus: Decis
ducted research related to seven as that focused on climate ge affect on water resources, ging frequency and/or intensity orm hazards, improving drought agement and preparedness, oving hazards dialogue, critical sholds, how climate impacts are rayed in planning, and suring variables that are difficult antify.	Research on 11 objec
ment nate Assessment ips	 More specific, target In context of region Contextual aware Sustained Assess
ys, Webinars,	Developing Tools, I Groups / Meetings





nase III (2018-2021)

cision processes and social dynamics.

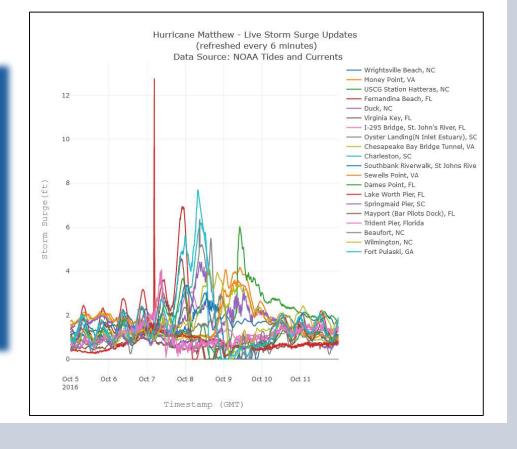
ctives related to 5 themes:



eted engagement ional and local needs and opportunities eness drives research sment

Interviews, Surveys, Webinars, Working

Infrastructure Vulnerability, Real-Time Data



Synthesized Guidance, Information Management