SETxFCS
Southeast Texas
Flood Coordination Study

VISION To develop Southeast Texas (SETexas) as a prototype for regional flood mitigation and response, with potential to expand the model state-wide.

MISSION Develop a funded research, agency and industry group which will:

- ✓ Facilitate flood mitigation and sensoring technologies in SETexas,
- ✓ Collect data and coordinate with local, state and national stakeholders for stormwater modeling and decision making in SETexas which is in support of the State Flood Plan,
- ✓ Work with SETexas for emergency response and facilitate an enactment exercise
- ✓ Prepare a maintenance plan for a SETexas Flood Coordination Group.

FIRST STEPS

1) Seek from agencies and interested parties what is needed and what might be funded. (GLO, TWDB, USACE, TDPS, industry, drainage districts, river authorities, TxDOT, TDEM, etc.)

2) Formulate a GIS database for SETexas to support studies of the interaction of the streamflow and the transportation networks and other development and industry, in coordination with national efforts such as from FEMA, USGS, NWC, NOAA, etc. on mapping, flood prediction, inundation and response.

3) Expand the database with data to support hydrological modeling, integration with emergency respond needs, and decision making in targeted flood mitigation strategies.

Core Team for Coordination:

V2 LAMAR UNIVERSITY MEMBER THE TEXAS STATE UNIVERSITY SYSTEM TEXAS The University of Texas at Austin 6/18/2020

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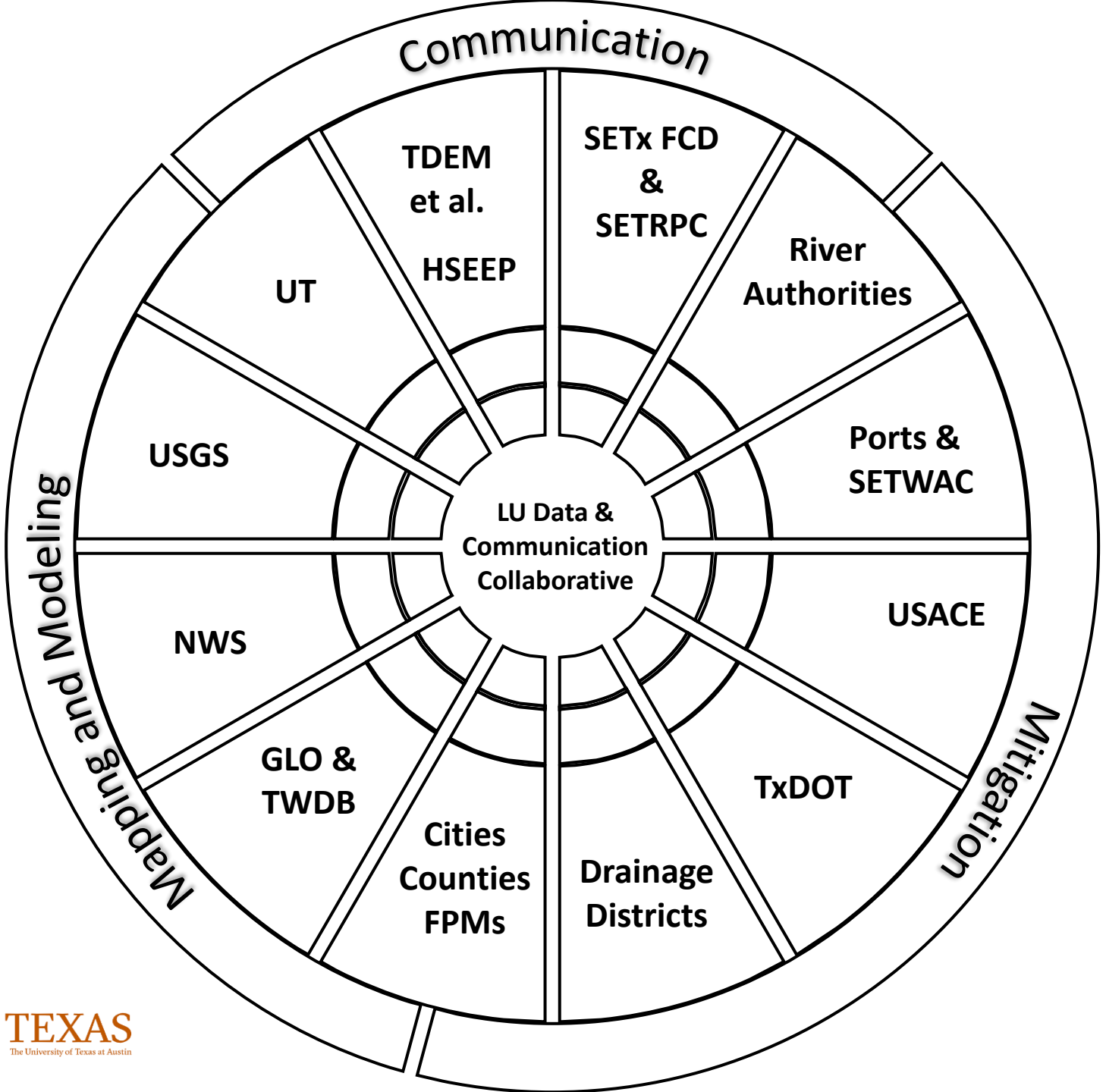
PARTICIPANTS



LAMAR UNIVERSITY
MEMBER THE TEXAS STATE UNIVERSITY SYSTEM

TEXAS
The University of Texas at Austin

Industrial Collaboration_ Data and Knowledge sharing

- We are seeking your information and feedback to help us coordinate our future endeavors more efficiently, and plan for, design for, respond to and recover from future flooding events. The SETxFCS's Lamar University Infrastructure Team.

Summary of questions we might start with

- Basic Information
- Contact info **Company/Agency Liaison officer** (if any)
- Critical Watershed Locations, Gauge/Sensors, Roadway Infrastructure
- Maps: maps and/or mapping services that your company currently uses, topography, river crossections, and slopes?
- Flood Mitigation and Management
    - Does your company collect any post-flood/hurricane data like high or real time water marks
- Future Planning (current resiliency efforts)
- Resource availability (available to sharing in-group/public)
- Resource requirement (clearance/training/compliance required for data access and collection)

Lamar Group Leaders

SETxFCS Project Management and Participant Liaisoning: *Liv Haselbach* lhaselbach@lamar.edu
SETxFCS Community Data: *Nicholas Brake* (technical/flood/gage)
and *Natalie Tindall* (communication/civic/response)
SETxFCS Environmental/Water: *Thinesh Selvaratnam* (industry/point source) tselvaratnam@lamar.edu
and *Qin Qian* (nonpoint source, river, ports)
SETxFCS GIS and Story Map: *Xing Wu*

Midstream Center: *Tom Kalb* tkalb@lamar.edu