

We help communities and organizations in the South Central U.S. assess and address their weather and climate risks and impacts.



The Southern Climate Impacts Planning Program

is a NOAA-funded Climate Adaptation Partnerships (CAP) team, formerly Regional Integrated Sciences and Assessments (RISA). We:

- Conduct research to understand climate hazard trends and patterns that are useful to decision makers.
- Conduct research to understand climate-relevant planning, policy, and financial processes.
- Convene decision makers from local, state, and national organizations who do not often interact to solve complex problems.
- Co-produce data tools and information that are useful to a variety of audiences.

Our ultimate goal is to help the people and economies of the region thrive in the midst of highly variable and often extreme weather conditions.



Providing Trusted Support and Information for Decision Making

"The SCIPP team analyzed past climate information and model projections of future climate. This information was used to assess how climate may affect mission-control objectives of SPR [Strategic Petroleum Reserve], resulting in an SPR that is more able to adapt to extreme events."

- Robert Sevcik, Fluor Federal Petroleum Operations

"SCIPP allows Oklahoma to have this [Simple Planning Tool] resource available not only for local jurisdictions but for the entire state and beyond. SCIPP, as a research entity, and educational entity, and a life-safety entity, provides avenues for the betterment of the people of Oklahoma."

- Paula Dennison, City of Stillwater Development Services

- Rob Hill, City of Stillwater Emergency Management

A Snapshot of SCIPP's Partners & Stakeholders

American Planning Association State Chapters
NW Arkansas Economic Development District
Bentonville, AR, Development Services Dept.
Disaster Resilience Network
Inland Marine Underwriters Association
Louisiana Department of Health
Louisiana Department of Transportation
NOAA National Weather Service
Oklahoma City Community Foundation
Oklahoma City Planning & Emergency Management
Oklahoma Climatological Survey
Oklahoma Dept. of Emergency Management
San Antonio, TX, Office of Sustainability
South Central Climate Adaptation Science Center
Southern Regional Climate Center
Texas Water Development Board
U.S. Department of Energy
USDA Southern Plains Climate Hub
Yukon, OK, Development Services Dept.

What is the Value of SCIPP to the South Central U.S.?

SCIPP connects weather and climate information from NOAA and its partners directly to community decision processes. Iterative interactions with stakeholders improve risk characterization both within the individual context of the decision, and more broadly through improving products, services, and tools available to other communities and stakeholders.

Informing Local & State Hazard Mitigation Planning



Working with local emergency managers and planners, SCIPP developed a tool that assists them with assessing their long-term climate hazard risks. The Simple Planning Tool helps make it easier for rural and urban communities, along with private and non-profit organizations, to identify and apply relevant hazards information to the development of risk profiles and hazard mitigation strategies.

Helping Protect Property in New Orleans, Louisiana

SCIPP worked directly with the City of New Orleans to identify areas at risk of flooding due to short-duration high-intensity rainfall events. Ways to reduce flooding of parked vehicles were also explored. The City sometimes allows parking on the neutral ground (i.e., raised center medians) to protect vehicles from being damaged by frequent street flooding.

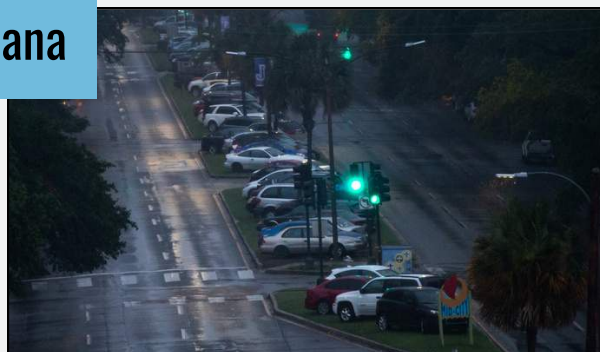
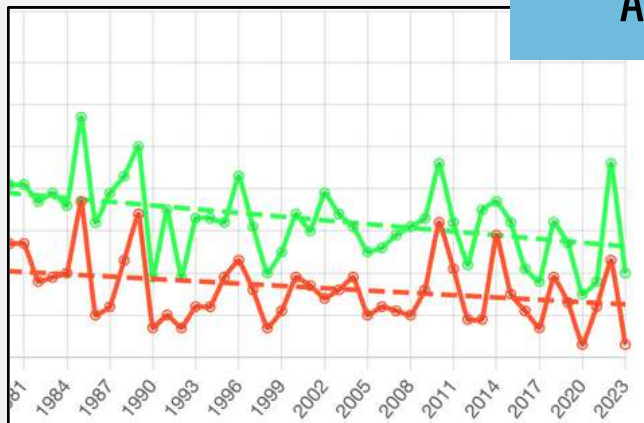


Photo by David Grunfeld, Courtesy of The Times-Picayune

Analyzing Data to Meet Stakeholder Needs



SCIPP has helped the City of Oklahoma City assess their extreme heat vulnerability and the City of San Antonio assess their long-term hazard risks. We also develop tools and resources for organizations such as the Inland Marine Underwriters Association and the Louisiana Department of Health to help them use and understand how weather varies over time and how they can become more resilient to extreme events.

For more information, contact:

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