

An aerial photograph of a multi-lane highway winding through a rural landscape. The fields and trees are covered in a layer of snow, indicating a winter storm. The highway has several lanes in each direction, and there are some buildings and structures visible in the lower-left quadrant.

Surviving Winter Storm Uri

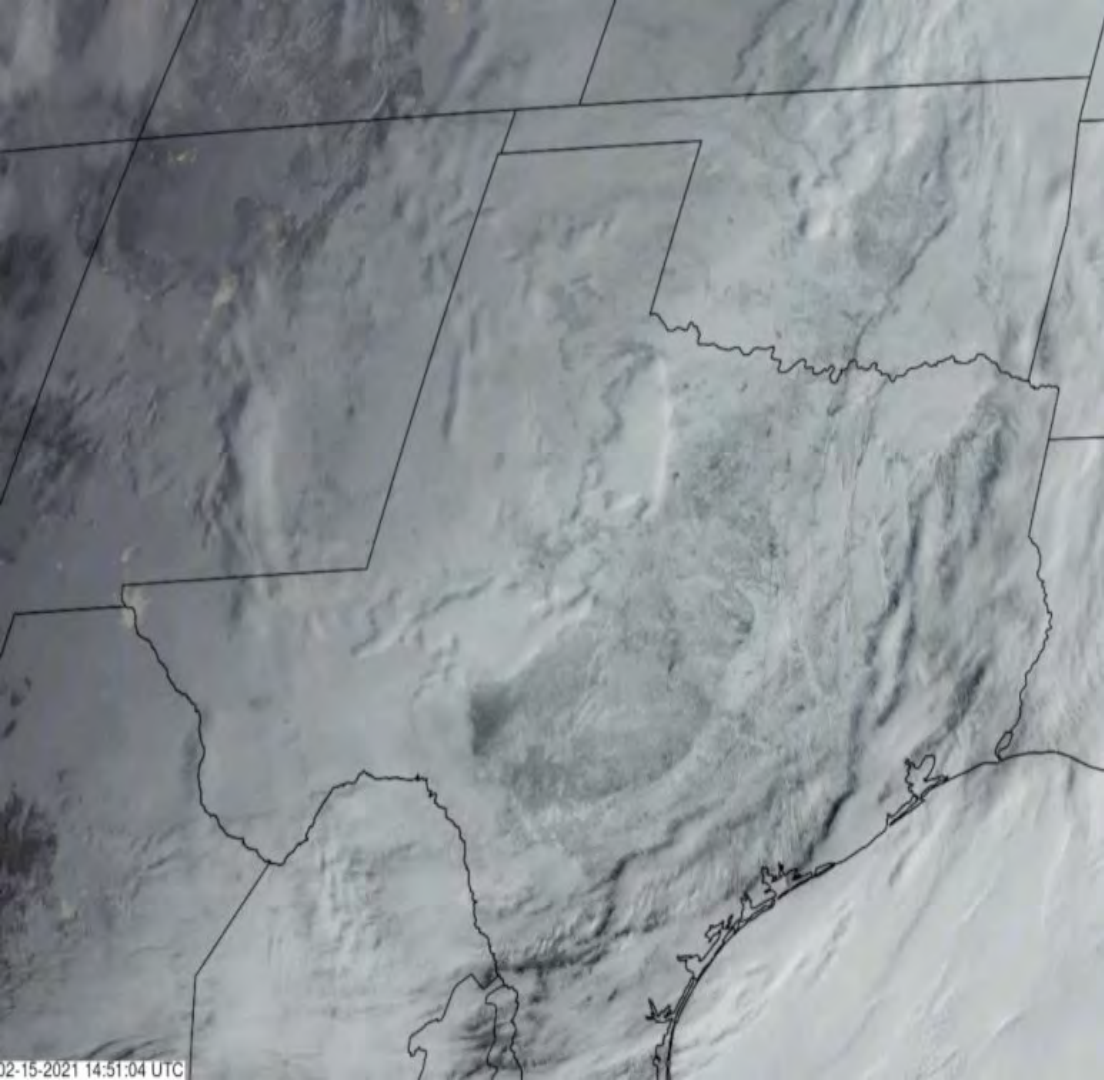
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NSF #: 1735483











**February 2021 Cold Air
Outbreak/Winter Storm Uri**

Feb 13, 2021 – Feb 17, 2021

**Statewide Disaster Declaration
(DR-4586)**

**Estimated 195 billion dollars in
financial loss**

246 lives claimed

Austin

Houston

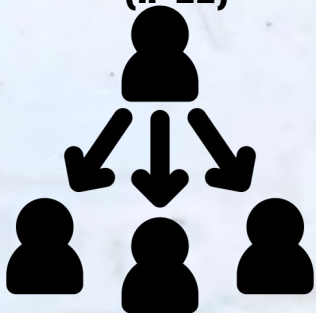
San Antonio



January 31, 2021 Texas, USA NOAA-20 Day Night Band

Snowball Sampling

(n=22)



Online Recruiting



Zoom Interviews



CRISP Type 2/Collaborative Research: Defining and Optimizing Societal Objectives for the Earthquake Risk Management of Critical Infrastructure
NSF Award # 1735483





Sample & Characteristics

Snow ball Sample

DFW Metroplex residents

Age 18 and over

Power (4)

Water (0)

Power+Water (13)

Neither (5)



Innovation & Creativity in Adaptations



Innovation & Creativity in Adaptations



Limitations of Past Experience



Benefits and Limitations of Social Capital



Limitations of Past Experience



Stress for All, Not Just Those Who Lost Utility Service

“So **Greg Abbott**, he is, in my opinion, he **didn't do his job. He didn't make sure that the power grid was winterized.** And that's on him...maybe it's on past governors too, I don't know, because they're not in office anymore.

And, you know, ***the fact that our state senator, our senator, Senator Cruz, got on a plane to go to Cancun when all of his, you know, all of Texas was battling a power outage.*** You know, hey, ***if you love Texas, then take care of Texas, okay?*** You can say whatever you want, [but] you're a representative of the state of Texas.

If you jump on a plane and hightail it out of dodge, as they like to say, then you're not taking care of Texas. ***You're not a representative of Texas. The people who are in our neighborhoods who are, you know, offering up firewood, those are representatives of Texas, those are proud Texans.*** And these politicians who claim they're proud Texans, didn't do their job to take care of Texans.”

-Max, 46 (lost power & water for 7 days)

Stress for All, Not Just Those Who Lost Utility Service





“We were ready. But **we didn't lose water. We didn't lose power. We never even lost internet.** So we were very fortunate. And so yeah, **there's a certain amount of guilt** and like just **because I can afford to buy a home near a hospital I get to have power and there are entire populations and demographics of people in this city that don't.**”

And **as someone who works for the city, I feel like we owe them better than this....**And I wish I could do more, and I should be able to do more. So it was very frustrating. On a lot of levels...**We could have done a better job of providing shelter and, you know, having places for people to go in emergency situations like this. And so I think there's a lot of blame to be passed around.”**

-Emily, 44, (no disruptions)



Stress for All, Not Just Those Who Lost Utility Service



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Thank You

