PROMOTING THE BENEFITS of Remote Sensing Science and Applications

Fire in the Deep South…..

Historic Impact – *Tiger Island Fire*………

…….. Over 60,000 acres have burned across the state of Louisiana since the beginning of August 2023, creating an unprecedented impact on Louisiana timber lands reaching over 120 times the 5-year average for wildfires recorded.

The Tiger Island Fire alone burned over 35,000 acres of timberland, homes, and farms. Imagery captured by Landsat 9 on 8/30/2023, as part of a student project, shows the extent of the burn scar. The image to the left shows the proximity of the burn area to the area of Lake Charles and the Gulf of Mexico. This same area was devastated by two back-to-back hurricanes just 3 years prior.
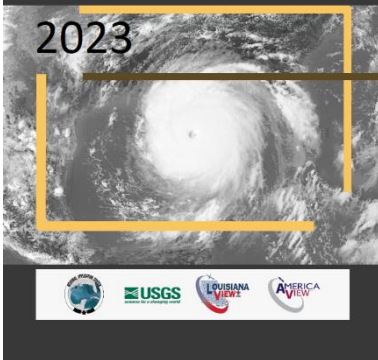
LaView Responds ……

Lake Charles

Gulf of Mexico

Sabine River

BENEFITS TO LOUISIANA

24th annual
Hurricane Season Geospatial Data Mining Workshop

NASA/UL Lafayette Regional Application Center
University of Louisiana at Lafayette

2023

USGS

4ᵗʰ Year Virtual with a twist….. *Hurricane Season Workshop for Emergency GeoSpatial First Responders*

This annual workshop, held in early June each year, played out its twenty-fourth (24ᵗʰ) year as our fourth virtual workshop held in-person. Through the cooperation of the LouisianaView consortium members and co-sponsored with the local USGS liaison, this workshop was offered free to everyone interested in up-to-date information on data availability for the geospatial emergency responder. One Hundred and fifteen (115) Geospatial First Responders from more than 8 different countries attended this workshop held June 1, 2023 via Zoom/In-person from the UL Lafayette Regional Application Center. This day workshop hosted 14 speakers from multiple Federal, State and Private Response Teams, each presenting their data, websites, links, and contacts while also fielding questions live from those in attendance, proving again and again what a cohesive and informed network of geospatial responders can mean to the inhabitants and economic base within Louisiana, the Gulf of Mexico region and the Caribbean.

Break out your *Pirogue!*

GeoPaths – GEOSERVICE ....

GEOScience **S**tudents **E**xcelling **I**n **R**eal, **V**ital **I**nvestigations with **C**ommunity **E**ngagement

2nd Year Running!

RISING WATER

Rising Water is shaping the future of Louisiana and the Gulf Coast. Explore with us the shifting physical landscapes and how human activities must respond to them.

2023 RISING WATER

The GEOSERVICE project is an effort to address the future STEM and geosciences workforce needs. The goal of the GEO SERVICE program is to increase and retain the number of undergraduates pursuing a geoscience major. The GEO SERVICE program partners high school and undergraduate students with faculty, graduate students, and community mentors in a program that includes learning geosciences content relevant to addressing environmental challenges, while engaged in broadly mentored, research-based, community-focused Service-Learning Projects (SLPs).
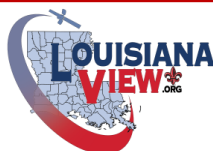
SCAN HERE FOR MORE INFORMATION

LouisianaView Consortium Membership

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