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3D Visualization Predicts Hurricane Damage Before it Happens.

By applying this technology to coastal communities or community buildings, such as schools and stores, researchers can help residents and officials create a plan for hurricane season.

Researchers have implemented 3D visualization technology to identify the potential outcomes of hurricane flooding before it occurs.

Beginning annually on June 1, hurricane season poses a major threat to Texas coastal communities, causing both physical and financial damage to the areas they hit.

This damage can be staggering; when Hurricane Harvey hit in 2017, it cost Galveston $132.73 billion in damages.

Severe weather has been increasing over the last several years due to global climate change, according to the researchers. If severe storms and flooding continue to increase in the future, implementing 3D visualization based on real-time weather forecasts could result in improved safety and less damage-inflicted costs.

Continue reading.

Route Fifty

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