

STORM RESPONSE

We live in the Houston, Texas area and during hurricane season, we get A LOT of rain! Because the infrastructure of the city gets compromised with the amount of rain that falls, using a ROV to go in and draw samples for testing is ideal. Being able to secure clean water for a city that hosts 2.31 Million people is extremely important.

Drones are often used before the storm, while ROVs are used after the storm. The drivers of the ROVs must remain calm and collected while exploring new areas because the lives of millions depend on their accuracy.



Search & rescue during major storms

BEARRACQUINAS

Palmer Elementary School 4th grade team

Safety & Access: ROVs can operate in dangerous environments too deep, cold, and hazardous for divers. This is why ROVs are used to make the initial survey of the area. ROVs save the lives of divers, and those divers save our life

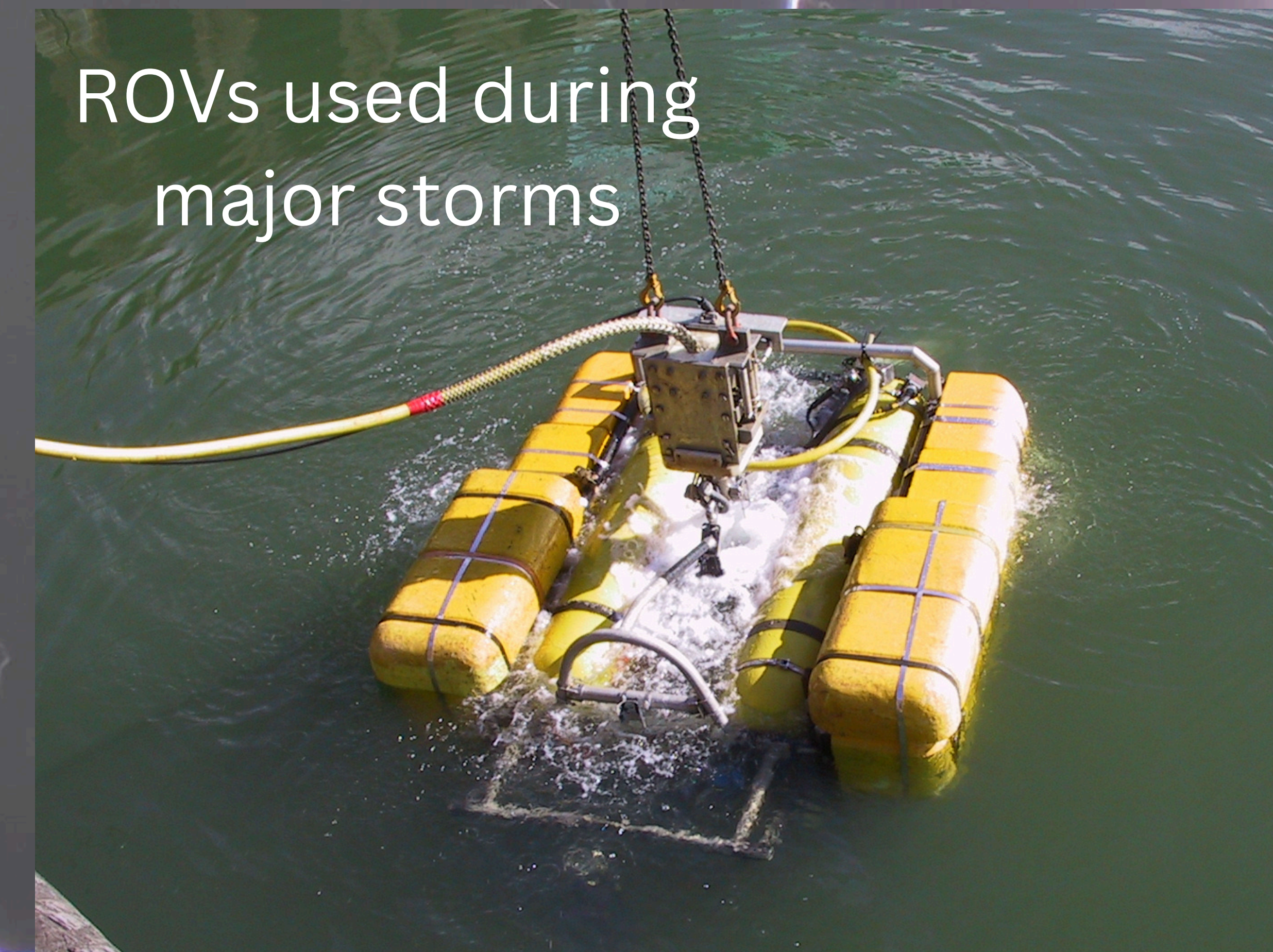


Search & rescue during major storms



Left to Right - Aisosa, Nathaniel, David, Valentin

HEAVY RAIN



ROVs used during major storms

Houston Storms

Hurricane Harvey 2017

- 103 people died due to storm-related incidents
- Parts of Houston recorded more than 30 inches of rain
- Nederland, Texas had 60 inches of rain
- Caused \$125 billion in storm damages

Tropical Storm Allison 2001

- 23 people were killed
- 70,000 Houston area homes were damaged or destroyed
- The storm caused \$5 billion in damages

Reference

living in the Houston area
<https://abc13.com/post/worst-storms-in-houstons-history/2128171/>