



NOAA UAS Program & Northern Gulf Institute Brief UAS at NOAA Science Days

As part of NOAA Science Days, "Innovative approaches to advancing Earth observations," NOAA Communications and OAR featured an unmanned systems forum on Tuesday, July 12 and a media briefing on Thursday, July 14 hosted by the American Meteorological Society in Washington, D.C. These briefings focused on how NOAA is using unmanned systems to pioneer new ways to obtain observations used to save lives

and property and better manage valuable natural resources. Speakers include Robbie Hood, Director of NOAA's Unmanned Aircraft System (UAS) Program, John Durban, NOAA Fisheries, Jessica Cross, NOAA Research Pacific Environmental Research Lab, and Robert Moorhead, Northern Gulf Institute (NGI), a NOAA Cooperative Institute (CI).

Dr. Moorhead's brief highlighted the joint operations that his team has conducted over the past few years with a multi-disciplinary team of scientists and engineers from NOAA's Northern Gulf Institute (CI), UAS Program (OAR), Lower Mississippi River Forecast Center (NWS), and the Grand Bay National Estuarine Research Reserve (NOS) have utilized UAS for a variety of missions. These missions include: mapping of waterways, detection of temporal changes in waterways, vegetation mapping, water quality assessment, monitoring simulated disaster response exercises, mapping the extent and impact of wildfires, and development of high resolution digital surface models.

Is this is an issue of potential concern?

This item has high visibility

Geographic Location (Relevant region, city location) NOAA HQ, Northern Gulf Institute (NGI), Mississippi State University (MSU)

Partnering offices OAR, NOAA UAS Program, OMAO, AOC, NOAA HQ, Northern Gulf Institute (NGI), Mississippi State University (MSU)

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