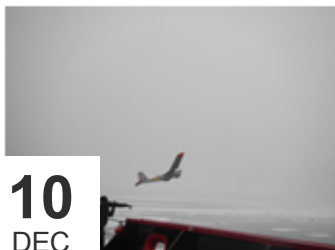




NOAA Unmanned Aircraft Systems (UAS) Program Activities

"Successes from Pole to Pole!"

Justyna Nicinska, Ph.D- UAS Program Deputy Director



10
DEC
2016



December 2016

NOAA UAS Program Briefs the Interagency Coordinating Committee for Airborne Geosciences Research and Applications (ICCAGRA)

Government teams meet at the National Science Foundation on December 1-2 to coordinate 2017 inter-agency scientific aircraft operations.

The NOAA UAS Program briefed the Interagency Coordinating Committee for

Airborne Geosciences Research and Applications (ICCAGRA) on December 1st and 2nd. The ICCAGRA was established to improve cooperation, foster awareness, facilitate communication among sponsoring agencies having airborne platforms and instruments for research and applications, and serve as a resource to senior level management on airborne geosciences issues. The Committee addressed interagency cooperation issues as they pertain to the use of airborne platforms and instrument payloads for individual investigators as well as national and international field campaigns.

NOAA UAS Program's Justyna Nicinska, John "JC" Coffey, Phil Kenul shared the NOAA UAS Program's strategic vision and execution from requirements capture to "transition to operations" with manned and unmanned aircraft counter-parts. NOAA's recent UAS successes focusing on hazardous weather, maritime and Polar surveys included:

- SHOUT's use of Global Hawk for Hurricane Research & Satellite Gap Mitigation.
- Puma UAS deploys onboard from US Coast Guard Cutter's (Icebreaker) Healy and Polar Star for marine monitoring, search & rescue and oil spill detection with ONR, AeroVironment.
- Development of partnership with UAF, US Navy, USCG, Conoco Phillips for ScanEagle flights in the Arctic.
- NWS' River Forecasting Center Rapid Response with UAS for Yukon River Watch supporting the NWS Rapid Response CONOPS.
- SBIR Phase III "Transition to Operation" of Aurora Flight Science's Centaur for Grav-D survey.
- UAS use for satellite calibration and validation.
- Other platform coordination including Aerosonde, and Flexrotor.

Is this is an issue of potential concern?

This item has high visibility

Geographic Location (Relevant region, city location) National Science Foundation, VA

Partnering offices OAR, NOAA UAS Program, OMAO, AOC

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