Unmanned Aerial System Weather Forum

Co-located Partner Event at AUVSI’s XPONENTIAL
8 May 2017, Dallas, TX
The UAS Weather Forum provides a platform for UAS operators; federal & state agencies; weather researchers & providers; trade groups; safety & insurance groups; UAS manufacturers; & others to:

• Share experiences with expected & unexpected weather impacts
• Engage in a dialogue about weather needs for UAS operations
• Collect requirements for developing better weather guidance
• Cultivate strategies on how to make progress with needed weather support
• Assist regulators with safe integration of UAS into the national airspace system considering weather impacts
• Explore opportunities for using UAS-sensed environmental information for enhanced situational awareness & better weather prediction
• Facilitate weather education & outreach
Do you understand performance limitations of your UAS?
Do you understand environment you are operating in?

Thunderstorms

Urban Canyons

50 km

1 km
➢ Manufacturer & Operator Perspective
  **Joe Burns**, Sensurion Aerospace

➢ Operations in Harsh Environments
  **Cathy Cahill**, University of Alaska Fairbanks

➢ Collection & Use of UAS-sensed Information
  **Brian Argrow**, University of Colorado Boulder

➢ UAS-based Inspection of Infrastructure
  **Chris Theisen**, Northern Plains UAS Test Site

➢ UAS Support for Battlefields
  **David Knapp**, Army Research Laboratory

➢ NASA UTM Experience
  **Marcus Johnson**, NASA Ames Research Center

➢ National & International Regulations for Airspace Integration
  **Andrew Thurling**, AeroVironment

➢ Open Discussion with Panelists & Audience