

# FLIGHT WEEK: Unmanned Aircraft for Atmospheric Research Community Open House



**Saturday, July 14, 8 am-noon • Leach Airport, Center, CO  
County Road 53 & County Road, Center, CO 81125**



In mid July, two dozen small research drones will zip, hover, and soar over parts of the San Luis Valley, collecting data on how and where clouds form, storms start, and rain falls. Improving weather forecasts requires better observations from parts of the atmosphere where it can be difficult to make measurements. So to get instruments to the right place at the right time, researchers are experimenting with small, remotely-piloted drones carrying state-of-the-art weather instruments.

Please join us at the beginning of Flight Week to learn more about what atmospheric scientists from around the world hope to learn about the atmosphere and regional weather through research right here in the San Luis Valley.

## **Participants from the International Society for Atmospheric Research using Remotely Piloted Aircraft (ISARRA) will be present to:**

- Explain their research and envisioned economic benefits
- Showcase Unmanned Aircraft Systems (UAS)
- Demonstrate technology and run test flights
- Answer community questions

## **Open House, 8 am-noon**

### **Panel discussion, 9-10 am, with:**

- Gijs de Boer, CIRES/University of Colorado Boulder and NOAA
- Suzanne Smith, CLOUD-MAP, University of Kentucky
- Brian Argrow, CU Boulder Aerospace Engineering Sciences
- CAPT Phil Hall, NOAA UAS program

**Registration requested but not required: <http://bit.ly/flightwk2018>  
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or Katy Human, [kathleen.human@colorado.edu](mailto:kathleen.human@colorado.edu).**

Thank you to Flight Week supporters: ISARRA, Cooperative Institute for Research in Environmental Sciences at the University of Colorado Boulder, UAS Colorado, National Science Foundation, Department of Energy, National Oceanic and Atmospheric Administration (including the UAS Program), National Center for Atmospheric Research, Saguache and Alamosa counties, San Luis Valley UAS Program, Oklahoma State University, University of Oklahoma, University of Kentucky, University of Nebraska Lincoln, Kansas State University, Virginia Tech, University of Virginia, Black Swift Technologies, Alamosa County Economic Development, Heightened Path RV