



## **SEMINAR SERIES PRESENTATION**

**Monday, May 14<sup>th</sup> – NSSTC 2096 – 10:30a**

**SPEAKER:**        **Anthony Guillory,**  
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**TOPIC:**            **NASA'S EARTH VENTURE-1 (EV-1) AIRBORNE SCIENCE  
INVESTIGATIONS**

### **REFRESHMENTS WILL BE PROVIDED**

In 2010, NASA announced the first Earth Venture (EV-1) selections in response to a recommendation made by the National Research Council for low-cost investigations fostering innovation in Earth science. The five EV-1 investigations span the Earth science focus areas of atmospheric composition, weather, climate, water and energy cycle, and carbon cycle and represent Earth Science researchers from various NASA centers as well as other government agencies, academia and industry from around the world. The EV-1 missions are: 1) Airborne Microwave Observatory of Subcanopy and Subsurface (AirMOSS), 2) Airborne Tropical Tropopause Experiment (ATTREX), 3) Carbon in Arctic Reservoirs Vulnerability Experiment (CARVE), 4) Deriving Information on Surface Conditions from Column and Vertically Resolved Observations Relevant to Air Quality (DISCOVER-AQ), and 5) Hurricane And Severe Storm Sentinel (HS3). The Earth Venture missions are managed out of the Earth System Science Pathfinder (ESSP) Program Office. This seminar will focus on the missions and their objectives as well as the new management paradigm being used to manage them.