



Unmanned Aerial Systems in Earth Sciences

AirCTEMPs

Stanford University

December 13th, 2015



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- 8:00 to 8:45 Registration, light breakfast, and coffee
- 8:45 to 9:00 Introduction to the workshop.
- 9:00 to 9:45 UAS applications and the regulatory flight environment in the US.
- 9:45 to 10:30 UAS sensors
- 10:30 to 11:00 Coffee break and UAS equipment display.
- 11:00 to 11:30 An overview of UAS platforms.
- 11:30 to 12:15 UAS Operations I: Basics of safety.
- 12:15 to 1:00 Lunch with CTEmps DTS in Earth Science Workshop
- 1:00 to 2:15 UAS operations II: Planning a complete mission based on UAS speed, GPS waypoints, and battery management.
- 2:15 to 3:00 UAS operations III: Ground control points and georeferencing.
- 3:00 to 4:00 airCTEMPs and you: how to plan, execute, and archive data with CTEmps.
- 4:00 to 4:30 Wrap-up discussions and evaluations