



Briefing on NASA/JPL Airborne Snow Observatory

Background

The Airborne Snow Observatory (ASO), a collaboration of NASA/JPL and the California Department of Water Resources, is using aircraft outfitted with an imaging spectrometer and scanning LIDAR system to measure snowpack. The aircraft measure Snow Water Equivalent and snow albedo (or reflectance), two critical properties for understanding snowmelt runoff and timing. This program will generate unprecedented knowledge of snow properties for cutting edge science and provide complete, robust inputs to water management models and systems of the future. Thomas H. Painter, PhD, of the Jet Propulsion Laboratory, will provide a briefing to the Commission on the program.

Contact

Rachel Ballanti
Acting Executive Officer
California Water Commission
(916) 657-7937