



Second Circular
The NRC Decadal Study DESDynI Science Workshop
July 17-19, 2007
Orlando, Florida

This is the second announcement for a NASA workshop on the science of DESDynI, a mission recommended by the National Research Council's Decadal Study Report, *Earth Science and Applications from Space: National Imperatives for the Next Decade and Beyond* (http://www.nap.edu/catalog.php?record_id=11820).

As envisioned by the Decadal Study, the DESDynI mission "combines two sensors that, taken together, provide observations important for solid-Earth (surface deformation), ecosystems (terrestrial biomass structure) and climate (ice dynamics). The sensors are: (1) an L-band Interferometric Synthetic Aperture Radar (InSAR) system with multiple polarizations, and (2) a multiple beam lidar operating in the infrared with ~25 m spatial resolution and 1 m vertical accuracy."

NASA intends this meeting to be the first in a series of workshops and activities to involve the community in the refinement of the DESDynI mission and to thereby ensure optimal return to science and society. The timing of this first workshop reflects NASA's great desire to move forward expeditiously in responding to the Decadal Survey's recommendations and our anticipation of a number of events in the next fiscal year for which community input on the mission will be critical. The workshop will produce a report that responds to the following charge:

DESDynI Workshop Charge: Examine the DESDynI mission as recommended by the National Research Council in light of the scientific goals articulated in its panel chapters

- Articulate the expected scientific return of DESDynI
- Identify the potential synergistic approaches with respect to ICESat-II and other space-based missions
- Recommend next steps for mission refinement, additional research, and consideration of other space-based observations that are required to meet the expressed scientific goals to be addressed by DESDynI

Those interested in attending the workshop must register at <http://www.tisconferences.com/desdyni>. There is no registration fee. Your early registration will help us plan for proper facilities and ensure that you receive further communications on the workshop. All future communications about this workshop will go only to people who have registered. A preliminary agenda for the DESDynI workshop is posted at the registration website and will be updated as more detailed information becomes available.

Questions about the workshop can be addressed to Diane Wickland (office: 202-358-0245; email: Diane.E.Wickland@nasa.gov) or John LaBrecque (office: 202-358-1373; email: John.LaBrecque@nasa.gov).

DESDynI/ICESat-II Workshop Organizing Committee: Seelye Martin, John LaBrecque, Diane Wickland, Bradford Hager, Jon Ranson, Andrea Donnellan, Sassan Saatchi, William Emanuel, David Harding, Helen Fricker, Ronald Kwok, Eric Rignot, Waleed Abdalati, DeWayne Cecil