

Call For GEOScan Workshop Participation and Registration



GEOScan Planning Workshop, March 27-30, 2011 Annapolis, MD

To be held at: Historic Inns of Annapolis
<http://www.historicinnsofannapolis.com>

Workshop Registration and Information:
<http://workshops.jhuapl.edu/geoscan/>

Registration Deadline: 03/28/11

Abstract Deadline: 02/28/11

*Travel support will be provided based on need and available funds.

Announcement

We are holding a 2.5-day workshop that is open to the entire Geosciences community for the planning of the GEOScan program. GEOScan is a grassroots effort envisioned as an NSF GEO facility from space that will bring a revolutionary capability of massively dense global observations onboard the Iridium NEXT satellite constellation. The dual theme concept of GEOScan involves System Science (SS) sensors on all 66 Iridium NEXT satellites as well as Hosted Sensor (HS) suites that can accommodate unique payloads in a standard multi-U, CubeSat-like configuration on individual satellites.

Both science goals and candidate sensor presentations are invited to be made the first two days, and the steering committee is expected to stay an additional half-day for preliminary selection. Please go to the workshop page for registration, workshop details and abstract submission. We look forward to your participation in GEOScan.

GEOScan:

- 66-satellite Iridium NEXT constellation, launching in 2015-2018.
- Polar orbit at 780 km, 86.4° inclination with 6 orbital planes.
- Program funding sought for ~3 System Sensors (same sensor on all satellites) and 30-40 Hosted Sensor suites.
- Candidate Sensors have ~1U and 1W of available space and power.
- Global, real-time data provides crosscutting opportunities for sponsors and the broader scientific community.

Workshop Outline:

March 27: Evening Icebreaker reception

March 28-29: Two full-day community presentations and discussions on science goals and candidate sensors.

March 30: (8am-noon) Steering Committee meeting, open to anyone interested in providing input for the Conceptual Design report.

Supported by: The National Science Foundation