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# CEOS/WGISS Report SIT and GEO Activities

Martha Maiden (NASA) - Chair

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## WGISS 2008 Category 1 Actions

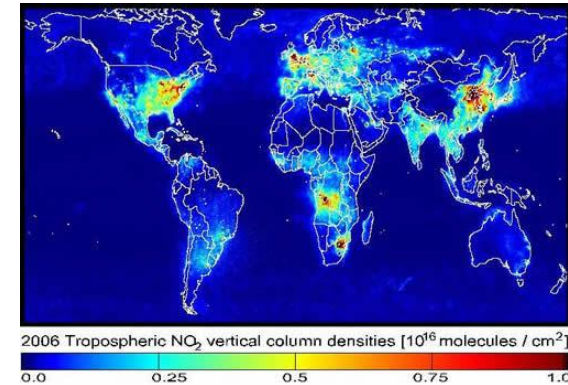
- Two Climate actions GEO Task CL-06-02
  - [Action\\_13](#): Conduct ACC/Climate Workshop for plans to construct CDRs for atmospheric ECVs (Contributing)

*Status:* WGISS on planning committee led by ACC for workshop, targeted for October at GISS/NYC.

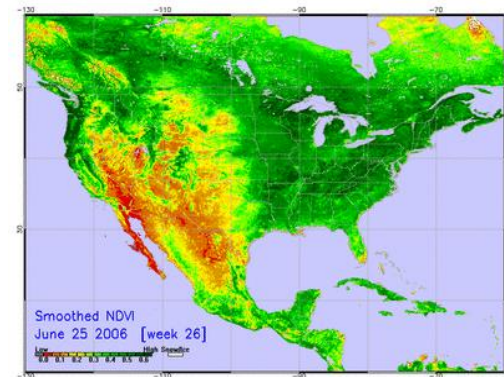
- [Action\\_14](#): WGISS demonstrate access to visualization of long-term trends of CDRs of ECVs (Lead, Lola Olsen)

*Status:* Functionality demonstrated through new “portal” link to visualization of vegetation health product from AVHRR, animated from 1981-present.

*Next Steps:* Iterate with Mitch Goldberg. When mature, advertise presence of this capability and provide tool for scientists to share their CDR visualizations.



(Jim Gleason, USA ; Pepijn Veefkind, KNMI)



## WGISS 2008 Category 1 Actions

- Support for the LSI VC, request from Study Team
  - [Action DA-07-03\\_5](#): Provide a demonstration of prototype of an LSI Constellation Portal (Lead, Lyndon Oleson)  
*Status:* Still gathering members for Project, formulated during WGISS-25.  
*Next Steps:* Project members populate LSI Constellation Portal. Demonstration of prototype at WGISS-26 in September.
- New WGISS organization houses LSI Constellation Portal Project within an Interest Group, allowing for continuous dialogue with LSI VC Study Team, and quick response of need actions, formation of appropriate new Project.

## WGISS 2008 Category 1 Actions

- Two Architecture actions for GEO Task AR-07-02
  - **Action\_1:** Contribute to implementation of Sensor Interoperability Session in GEO Architecture Implementation Pilot (AIP) (Lead, Terence van Zyl)  
*Status:* WGISS Sensor Web Project and van Zyl directly involved in sensor interoperability session of the AIP.  
*Next Steps:* These activities will feed into the AIP demos.
  - **Action\_2:** Participate in AIP to evaluate GEOSS portal/clearinghouse interface (Lead, Satoko Miura)  
*Status:* AIP team preparing a Call for Participation for 2008.  
*Next Steps:* When CFP released, a proposal will be prepared by WGISS members, led by Miura.

# Other Actions (cat 2 & 3)

## HE-06-03: Health

**Action\_2:** Demonstrate a global smoke plume and dust forecasting product using multiple satellite product inputs (contributing)

## HE-07-01: Health

**Action\_1:** Develop plan for efficient imagery access to support modeling, forecast and monitoring of health issues (requested and offered to provide support)

## DA-07-04: Data

**Action\_1:** Sensor Web Interest Group work with Fishman/Hilsenrath to agree on prototype to support HE-06-03 by EO01 tasking in support of smoke plume modelling. (Lead: Terence van Zyl)

## WA-06-07: Water

**Action\_4:** Demonstrate Open Knowledge Environment (OKE), platform for showcase of applications. (Lead: Liu Chuang)

# WGCV28th & WGISS25th Joint Meeting

Sanya, China Sponsored by NRSCC/NSOAS/NMRSL



- Reported progress for the GEO tasks and confirmed the 2008 actions with POC and participants.
- Held extended LSI Session, with invited outside attendees and new CEOS member representatives from ISRO, INPE, and CRESDA. Resulted in LSI Interest Group with LSI Portal Project (also includes GISTDA, NASA, NOAA).
- Explored potential joint projects with WGCV and ACC
- Portals for LSI and for Climate CDR visualizations to be demonstrated at WGISS-26 (September 08, Boulder, sponsored by NOAA & parallel with GEO ADC).

# Summary

- WGISS is changing its internal structure and meetings' organization to better support the CEOS major GEO contributions and GEO tasks.
- Projects are being initiated to support CEOS Constellations and SBAs.
- Category 1 actions will be completed on time.
- Space agencies responded to CEOS WGISS invitations to participate in LSI Interest Group.
- CEOS WGISS will continue to evolve to support CEOS implementation, with invitations for added participation as appropriate.