



# Status of GGOS

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**15<sup>th</sup> GGOS Steering Committee Meeting**

**EGU Meeting 2009**

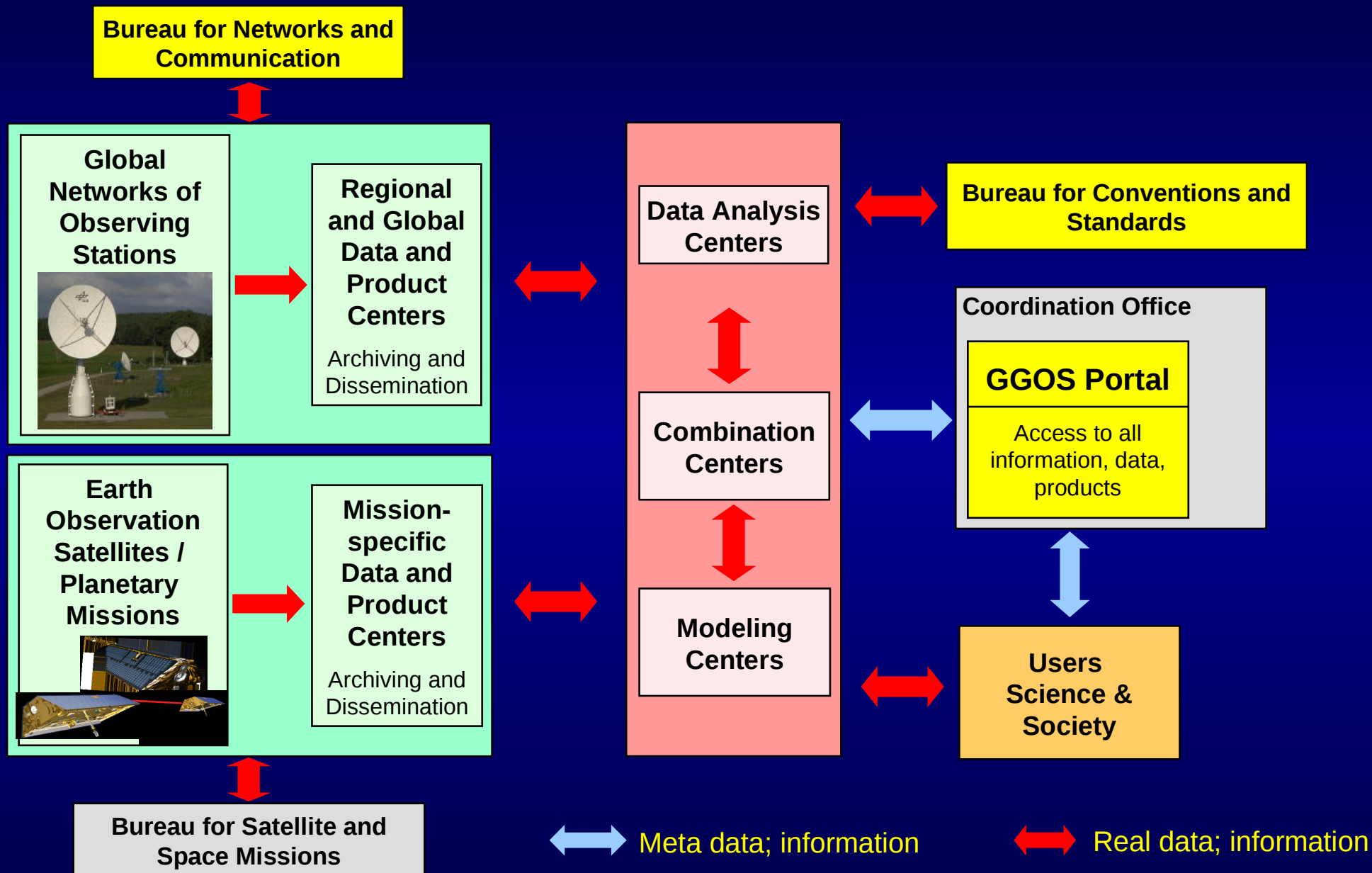
**Vienna, April 18, 2009**

# GGOS Activities since AGU 2009

Since 14<sup>th</sup> GGOS SC Meeting, December 2009:

- **GGOS Executive Committee:**
  - 7 telecons
  - Approx. every 2 weeks
- **New components of the GGOS structure**
- **Updated GGOS Terms of Reference**
- **GGOS 2020 Documents (book and strategy)**
- **Chairs for GGOS WGs**
- **GEO activities (→ Hans-Peter Plag)**
- **GGOS Publications**
- **Preparation of meetings, workshops, ...**

# Structure of the Future GGOS



# New GGOS Components

## **Established New Components (January 1, 2009):**

- GGOS Portal
- Bureau for Networks and Communication
- Bureau for Standards and Conventions

**→ Reports will be given by the various components**

## **New Components still under Construction:**

- Bureau for Satellite and Space Missions:  
Presently taken care of by the GGOS WG on Satellite Missions  
**→ Report by WG on Satellite Missions**
- Coordination Office:  
**→ Topic of this meeting, still under construction**

# Updated GGOS Terms of Reference

## Most Important Changes:

- New mission statement (vision statement not included)
- Condensed version of GGOS goals and tasks
- Better definition and role of the new components
- Membership of heads of new components in the GGOS SC
- GGOS WG Chairs without vote in the GGOS SC

→ **Accepted by the IAG EC on December 14, 2008**

## GGOS2020 Reference Document (Book):

- Now format of a book (~ 330 pages)
- Presently printed by Springer
- Costs ? Available ?

## GGOS2020 Strategy Document:

- Nice brochure for politicians, space agencies, national institutions
- ~ 20 pages
- Table of contents, first drafts for the layout

→ **Topic of this meeting**

# GGOS WG Chairs

- **GGOS WG on Satellite Missions:**
  - Previous chair: Bettadpur Srinivas
  - New chair: **C.K. Shum**
- **Report of WG on Satellite Missions during this meeting**
- **GGOS WG on Outreach and User Linkage:**
  - Has to be seen in close connection to the GGOS Coordinating Office
  - Necessity depends on the work of the GGOS Coordinating Office
- **Report of WG on Outreach and User Linkage during this meeting**

# GGOS Publications

- **Geomatics World:**
  - Plag, Rothacher, Neilan: “The Global Geodetic Observing System – Part 1, the Organisation”, published Jan/Feb 2009
  - Plag, Rothacher, Pearlman: “The Global Geodetic Observing System – Part 2, the System”, published Mar/Apr 2009
- **Geosciences:**
  - Plag et al.: “Global Geodetic Observing System for geohazards and global change”, published April 2009
- **EOGC 2009 Paper:**
  - Plag, Rizos, Rothacher, Neilan: “The Global Geodetic Observing System (GGOS): Detecting the Fingerprints of Global Change in Geodetic Quantities”, submitted to EOGC 2009
- **OceanObs’09 White Paper:**
  - Shum et al.: “Geodetic observations of ocean surface topography, ocean currents, ocean mass, and ocean volume changes”; has been accepted, in preparation, merging 2 papers



# Meetings and Workshops (1)

- **GGOS Session at EGU Meeting 2009, Vienna:**
  - Gross, Rothacher, Plag: Monday 17:30-19:00 oral session  
Tuesday all day poster session
- **GGOS Bureau for Networks and Commun. Meeting in Vienna:**
  - Pearlman, Wednesday, 18:30-21:00
- **GGOS WG on GEO Relations Meeting in Vienna:**
  - Plag, Thursday, 18:00-21:00
- **GGOS Science Workshop, June 23-26, Espoo (Finland):**
  - Gross, Joint DynaQlim/GGOS Workshop
- **16<sup>th</sup> GGOS SC Meeting, August 30, Buenos Aires**
- **GGOS Session at IAG SA, September 2, Buenos Aires**
- **Towards a Roadmap for Gravity Satellite Missions, Sept. 30 – Oct. 2, Graz**

## Meetings and Workshops (2)

- **Infrastructure of IAG Services, October 2009, Frankfurt:**
  - Grünreich (BKG), Rummel (IAPG)
- **GGOS/IERS Unified Analysis Workshop, December 8-9, 2009, Napa Valley**
- **GGOS Retreat 2009, December 10-11, 2009, Napa Valley:**
  - Implementation plan for GGOS2020
- **17<sup>th</sup> GGOS SC Meeting, December 12, 2009, San Francisco**
  
- **Presentation material available for GGOS presentations**

# GGOS: Next Major Steps

- **Finalization of the GGOS Strategy Document**
- **Establishment of the GGOS Coordination Office**
- **Derivation of (yearly or multi-year) Implementation Plans for the realization of GGOS2020 as the IAG Observing System**
- **GGOS infrastructure discussions (ground-based, space-based)**
- **Work in the CEOS (Committee on Earth Observation Satellites)**
- **Contributions to GEO: Work Plan 2009-2011, Summits**
- **Prepare meetings, workshops, sessions, and retreat**