



Status of GGOS

Markus Rothacher

GFZ Potsdam

Ruth Neilan

JPL/NASA, Pasadena

Hans-Peter Plag

UNR, Reno

Joint GGOS Steering Committee and IAG Executive Committee Meeting

AGU Fall Meeting 2008

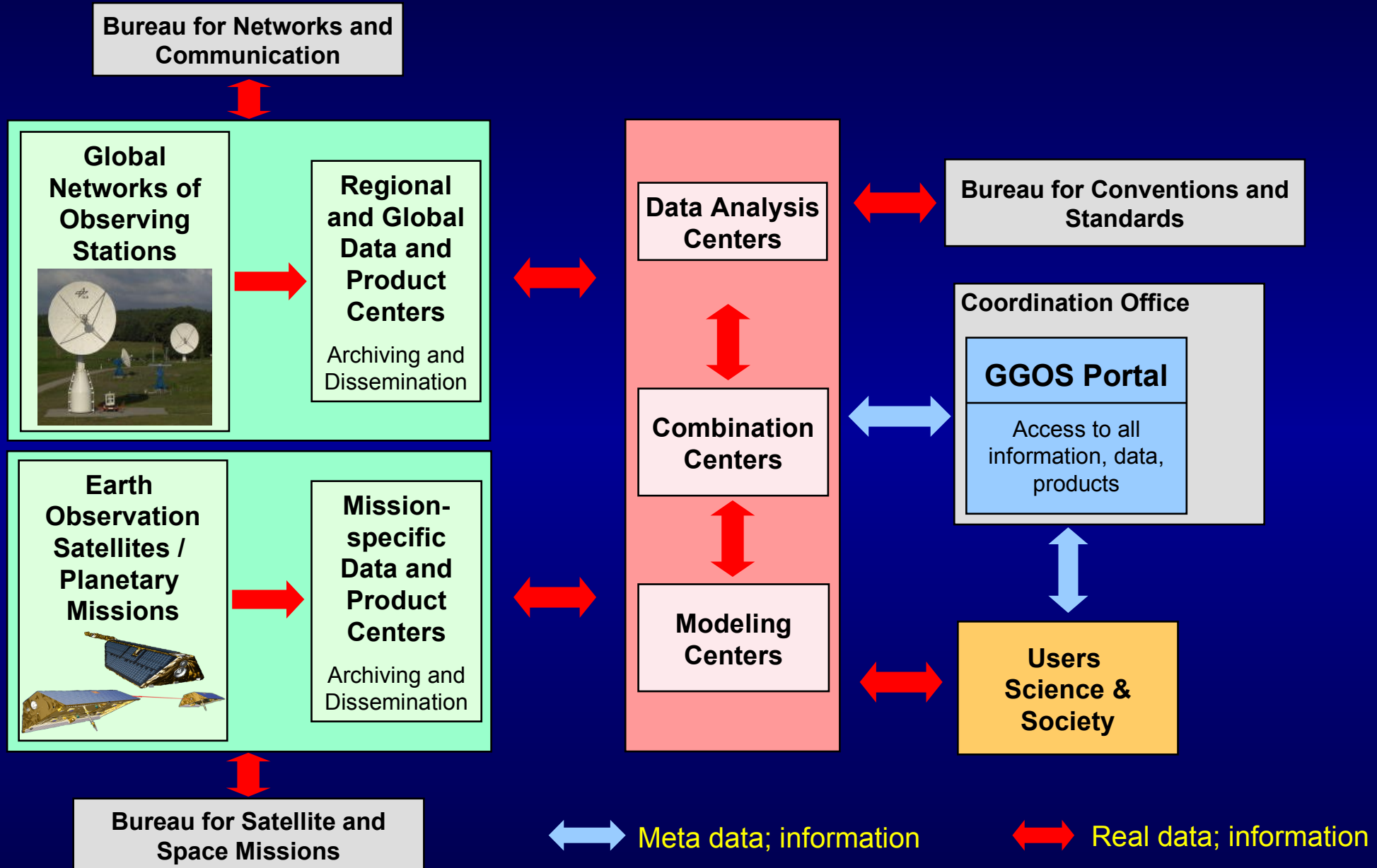
San Francisco, December 14, 2008

GGOS Activities since EGU 2008

**Since 13th GGOS SC Meeting and 3rd IAG EC Meeting,
March/April 2008:**

- **GGOS Executive Committee:**
 - ~13 telecons
 - now almost every 2 weeks
- **CfP for new components of the GGOS structure**
- **Update of the GGOS Terms of Reference**
- **Finalization of GGOS 2020 Document**
- **Chairs for GGOS WGs**
- **GEO activities (→ Hans-Peter Plag)**
- **Preparation of meetings, workshops, ...**

Structure of the Future GGOS



New GGOS Components

New Components:

- GGOS Coordination Office and GGOS Portal
- Bureau for Networks and Communication
- Bureau for Standards and Conventions
- Bureau for Satellite and Space Missions

Time Schedule:

- After 28.03.08: Preparation of Calls for Proposals
- 15.07.08: Call for Proposals sent out
- 07.11.08: Deadline for Proposals
- 03.12.08: Results of the Evaluation Board
- 14.12.08: Presentation of review and decisions at the GGOS SC

Updated GGOS Terms of Reference (1)

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

Time Schedule:

- After 28.03.08: Preparation of updated GGOS ToR
- Summer: GGOS ToR several times iterated within GGOS EC
- 22.10.08: GGOS ToR to GGOS SC for comments/corrections
- 05.11.08: Updated GGOS ToR sent to GGOS SC for approval
- 21.11.08: GGOS ToR approved by the GGOS SC
- 14.12.08: Vote on the GGOS ToR by the IAG EC

Updated GGOS Terms of Reference (2)

New GGOS Mission Statement (no vision statement):

The mission of GGOS is to advance geodetic observing methods for Earth and planetary system science and applications by:

- defining the geodetic infrastructure needed by science and society;
- advocating for the establishment and maintenance of this geodetic infrastructure;
- improving the quality and accessibility of geodetic observations and products;
- coordinating interaction between the IAG Services, Commissions, and stakeholders; and
- educating the scientific community about the benefits of geodetic research and the public about the fundamental role that geodesy plays in society.

GGOS2020 Documents

GGOS2020 Reference Document (Book):

- 23.10.08: Version V0.19 available (~ 330 pages)
- Format of a book to be published by Springer
- Review by a small group of the IAG EC (Mike Sideris)
- Discussion of final version at the 14th GGOS SC Meeting
- Finalization until December 31, 2008

GGOS2020 Strategy Document:

- Nice brochure for politics, space agencies, national institutions
- ~ 20 pages
- Next steps: Table of Contents, distribution of work for writing the GGOS Strategy Document

GGOS WG Chairs

- **GGOS WG on Satellite Missions:**
 - Previous chair: Bettadpur Srinivas
 - New chair: **C.K. Shum**
- **GGOS WG on Outreach and User Linkage:**
 - New WG Charter to be discussed at 14th GGOS SC Meeting
 - New chair to be identified and approved

Meetings and Workshops

- **AOGS Meeting on June 16-20, 2008 in Busan, Korea:**
 - GGOS Presentation
- **Journées and X. Lohrmann Kolloquium on September 22-24, 2008 in Dresden, Germany:**
 - GGOS presentation
- **GEO-V Summit on November 19/20, 2008 in Bukarest:**
 - Contributions to Geo Work Plan 2009/2011
- **14th GGOS Steering Committee Meeting:**
 - December 14, 2008: Sunday before AGU Fall Meeting 2008
 - Joint Meeting together with IAG Executive Committee (partly)
- **GGOS Session at AGU Fall Meeting 2008**
 - Gross, Plag, Rothacher: Wednesday a.m. oral, p.m. posters
- **Presentation material available for GGOS presentations**

GGOS: Next Major Steps

- **Writing of the GGOS Strategy Document (ca. 20 pages)**
- **Establishment of the new GGOS components**
- **Find solutions for GGOS Coordinating Office and Bureau for Satellite Missions**
- **Derivation of (yearly or multi-year) Implementation Plans for the realization of GGOS2020 as the IAG observing system**
- **Work in the CEOS (Committee on Earth Observation Satellites)**
- **Prepare Meeting, Workshops and Sessions:**
 - GGOS Stakeholder Conferences (CEOS, GEO, ...)
 - GGOS Science Workshop (Richard Gross)
 - GGOS Retreat 2009
 - Sessions at AGU, EGU, ...
 - ...