



Status of GGOS

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**6th GGOS Steering Committee Meeting
Technical University of Munich
October 7, 2006**

GGOS Activities since last SC Meeting

Executive Committee: 11 telecons since last GGOS Steering Committee Meeting (SC5):

- Completion of GGOS structure
- Preparation of the GGOS Workshop 2006
- GGOS2020 Strategy Document
- Input to GEO Work Plan 2007-2009
- WCRP Workshop in Paris
- IGOS-P membership of GGOS; preparation of a theme “Dynamic Earth”
- GGOS contribution to IYPE (International Year of Planet Earth): proposal by Susanna Zerbini, contacts
- GGOS Portal

Finalization of GGOS Structure

Science Panel:

- Victor Zlotnicki (oceanography) confirmed membership
- Paul Poli (atmospheric science) confirmed membership
- ICCT representative: Athanasios Dermanis confirmed

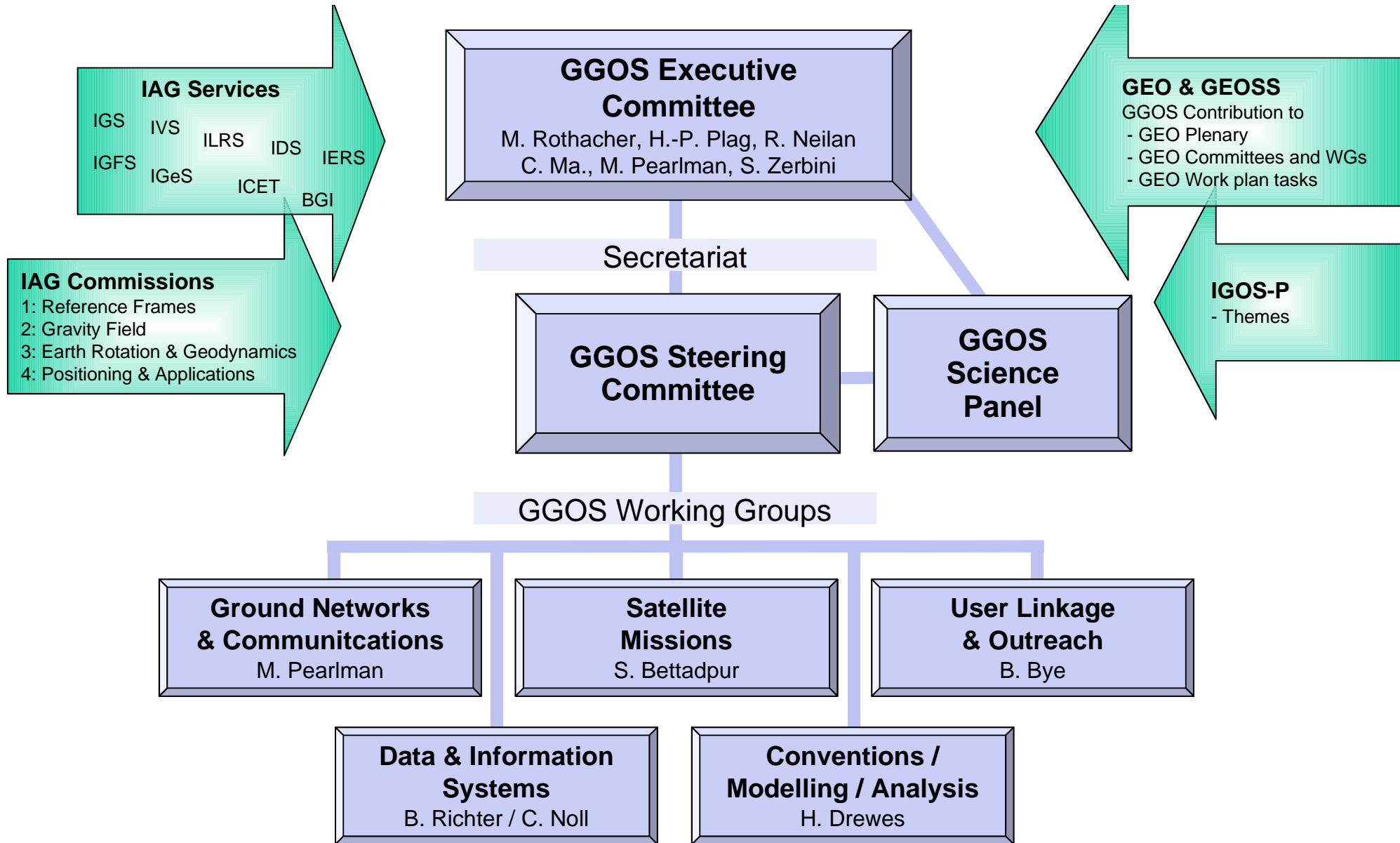
Steering Committee:

- Member at Large were confirmed by the SC
- Salah Mahmoud and Luiz Fortes confirmed their membership as SC Members at Large

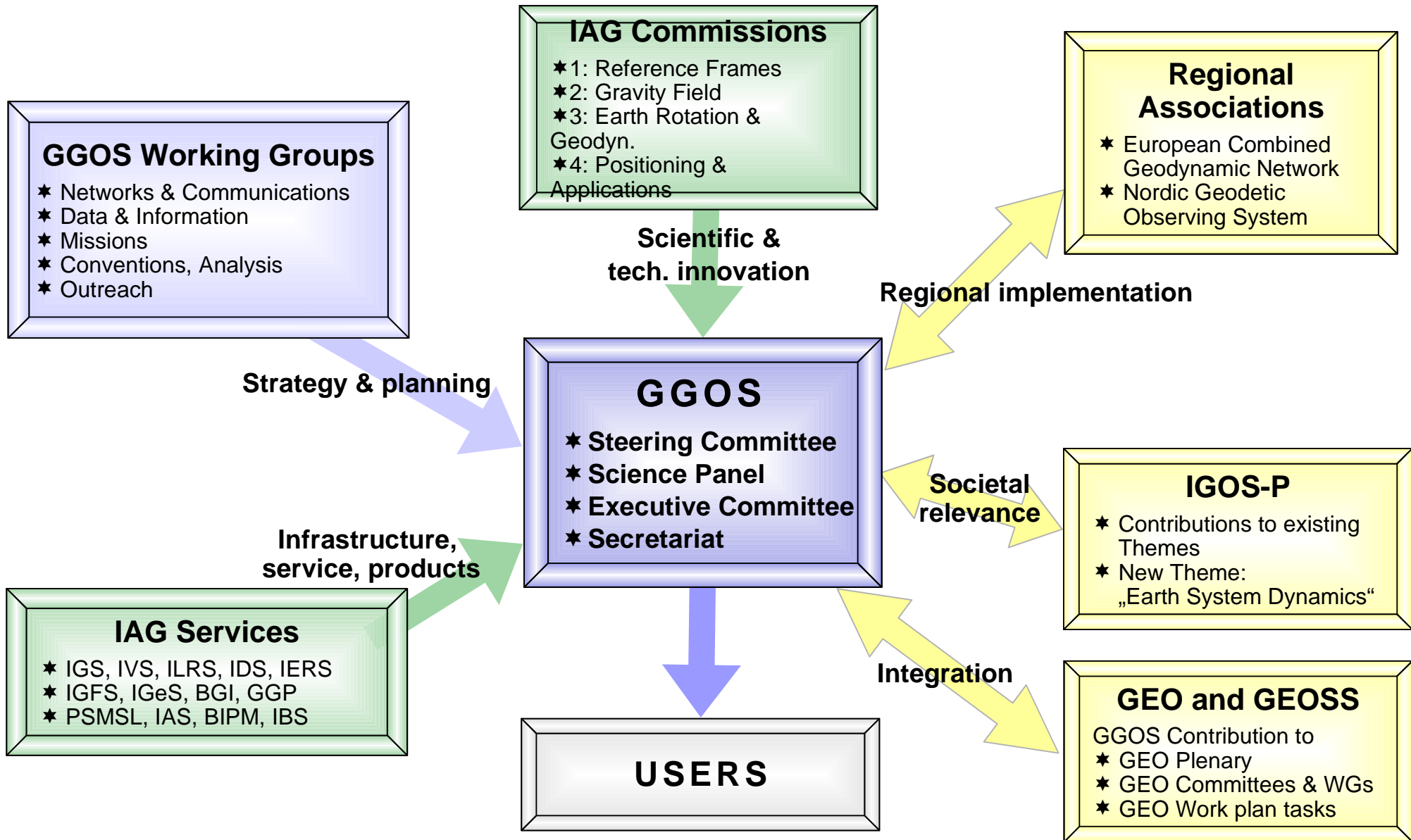
WG on Publishing and Legal Matters:

- Removal of this WG was accepted by the SC
- Attempt to replace the WG a dedicated person (consultant/coordinator), possibly drawing on expertise in ICSU

Global Geodetic Observing System (GGOS)



Global Geodetic Observing System (GGOS)



GGOS Terms of Reference

Intermediate Terms of Reference:

- Modified and several times iterated among the Executive Committee members, then sent to the GGOS SC
- Accepted by the GGOS SC on July 10, 2006
- Accepted by the IAG EC on September 7, 2006

New Terms of Reference (for IUGG Perugia, 2007):

- Not in agreement with IAG By-Laws
- Klaus-Peter Schwarz will give advice (Casini Committee)
- Item on the agenda of SC6

GGOS: GEO and IGOS-P Activities

GEO activities:

- New task “Global Geodetic Reference Frames” by GGOS has been included in the GEO Work Plan 2007-2009
- Comments and modifications for the GEO Work Plan 2007-2009 submitted September 2006
- Additional task defined for the WORK Plan 2007-2009: “GEOSS database of user requirements concerning geo-referencing and geodetic reference”

IGOS-P activities:

- GGOS became an official member of IGOS-P on May 23, 2006
- Invitation for GGOS to join the “Joint Committee of UNESCO GARS and IGOS Geohazards”
- Hans-Peter Plag nominated as representative of GGOS
- IGOS-P Theme in preparation (first GGOS strategy document)

GGOS Strategy Document(s)

- Discussion of the document purpose and content during several telecons of the GGOS EC
- Meeting with reduced SC during the Sea-Level Workshop in Paris to discuss the document(s)
- Meeting August 21-22, 2006, in Washington with several of the lead authors for the various chapters
- Two documents needed:
 - a long one with all the details of the GGOS2020 system and its background (= **reference document**)
 - a short document for politicians, decision makers, financing agencies (= **strategy document**)
- Give the strategy document a form similar to the *Living on a restless planet* report.
- First focus on the reference document, aim for a draft available at the GGOS Workshop 2006

GGOS Strategy Document(s)

- GGOS Workshop program modified to give room for a discussion of the reference document
- Draft reference document now available, about 110 pages, not yet fully complete ...
- A lot of work still needed to make it consistent, no repetitions, ...
- Intensive and extensive discussions needed concerning the future structure and characteristics of GGOS2020

GGOS Next Steps

- Finalize the reference document: “GGOS – Meeting the requirements of a global society on a changing planet in 2020”
- Write the GGOS strategy document
- Write GGOS “theme” proposal for IGOS-P
- New GGOS Terms of Reference for the time after Perugia 2007
- Possibility to get a GGOS secretariat under UNESCO; international setup for GGOS
- How to support/incorporate regional GGOS activities

GGOS Meeting and Workshop Plan

- Oct.11, 2006: GGOS Writing Team Meeting
(LVG 17:30-19:00)
- Dec.15, 2006: Steering Committee Meeting SC7
(12:00-17:00), TBC!
- Jan. ??, 2007: GGOS Writing Team Meeting (TBC)
- Feb. ??, 2007: GGOS Retreat
- Feb. ??, 2007: Steering Committee Meeting SC8
- ??, 2007: GGOS Workshop 2007

GGOS SC Delegates and Substitutes (1)

Chair	Markus Rothacher
Vice-Chairs	Ruth Neilan, Hans-Peter Plag
IERS	Chopo Ma, Bernd Richter
IGS	John Dow, Norman Beck
IVS	Dirk Behrend, Wolfgang Schlüter
ILRS	Erricos Pavlis, Graham Appleby
IDS	Gilles Tavernier, Frank Lemoine
IGFS	Rene Forsberg, Steve Kenyon
BGI	Jean-Pierre Barriot, Michel Sarrailh
IGeS	Fernando Sanso, Riccardo Barzaghi
GGP	Jacques Hinderer, Corinna Kroner
ICGEM	---
PSMSL	Phil Woodworth, Simon Williams
IAS	--- <i>service not yet established</i>
BIPM	Felicitas Aries, Gerard Petit
IBS	---

GGOS SC Delegates and Substitutes (2)

IAG Commission 1 (Reference Frames)
IAG Commission 2 (Gravity Field)
IAG Commission 3 (Earth Rot. and Geodyn.)
IAG Commission 4 (Pos. and Appl.)

Hermann Drewes
Martin Vermeer, Urs Marti
Markku Poutanen, Susanna Zerbini
Chris Rizos, Heribert Kahmen

GGOS WG on Data and Information
GGOS WG Outreach
GGOS WG Networks and Communication
GGOS WG Missions
GGOS WG Conventions

Bernd Richter, Carey Noll
Bente Bye
Mike Pearlman
Srinivas Bettapur
Hermann Drewes

GEO Committee Architecture and Data
GEO Committee Science and Technology
GEO Committee Capacity Building
GEO Committee User Interface
GEO WG Tsunami Activities

Carey Noll, Bernd Richter
Susanna Zerbini, Mike Pearlman
Ludwig Combrinck, Hermann Drewes
C. K. Shum, Claude Boucher
Tilo Schöne, Hans-Peter Plag

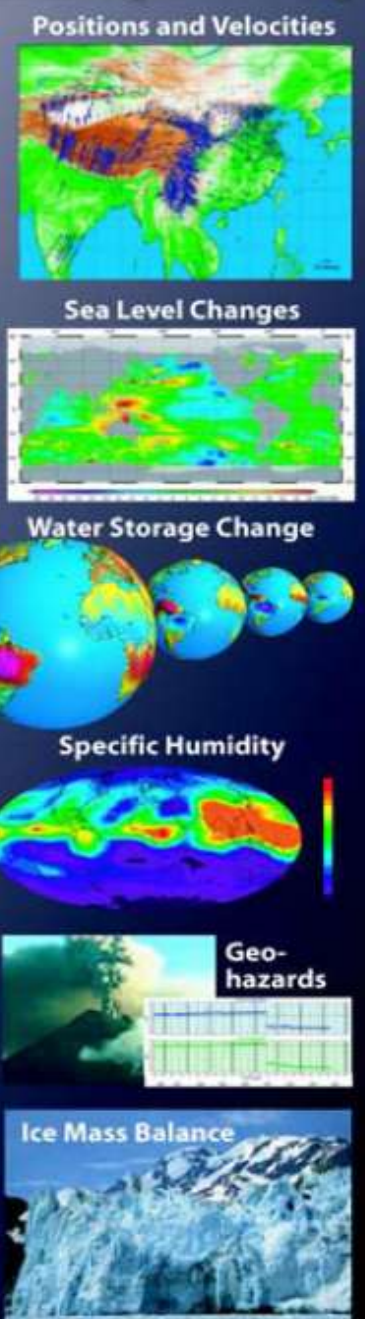
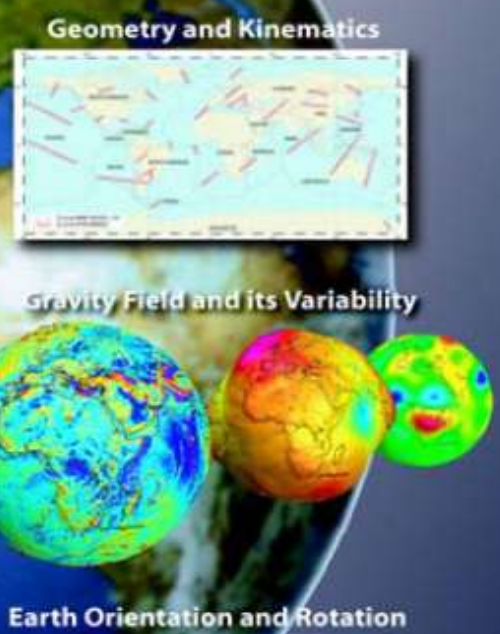
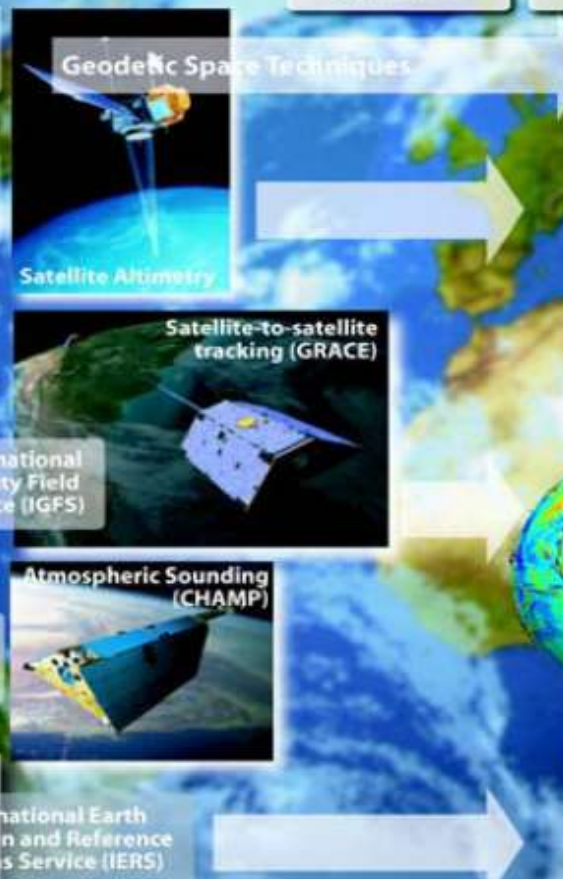
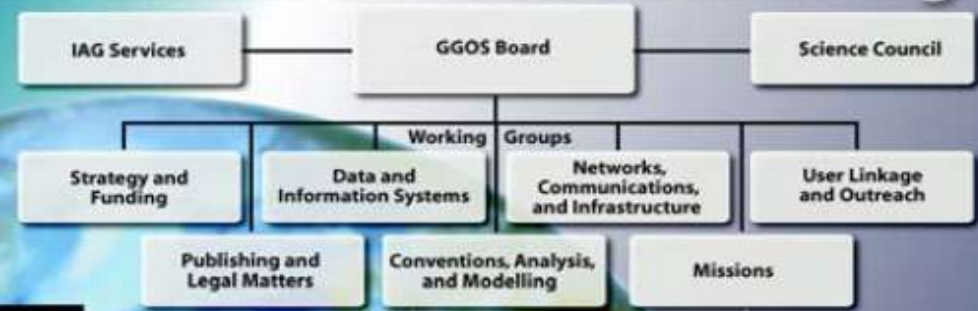
Members at Large

Gary Johnston (Australia), E.C. Malaimani (India)
James Park (Korea), Weijun Gan (China)
Kosuke Heki (Japan), Luiz Fortes (Brasil)
Salah Mahmoud (Egypt)

GGOS Science Panel

- Reiner Rummel
- Seth Stein
- John Wahr
- Anny Cazenave
- Andrea Donnellan
- Bob Thomas
- Richard Gross
- Roger Haagmans
- Paul Poli
- Hubert Savenije
- Victor Zlotnicki
- Athanasios Dermanis

IAG's Global Geodetic Observing System (GGOS)



IAG services are based on more than 400 global observation stations.

GGOS
<http://www.ggos.org>