

# International Geoscience and Geoparks Programme



**1st open session**

**24 February 2016**

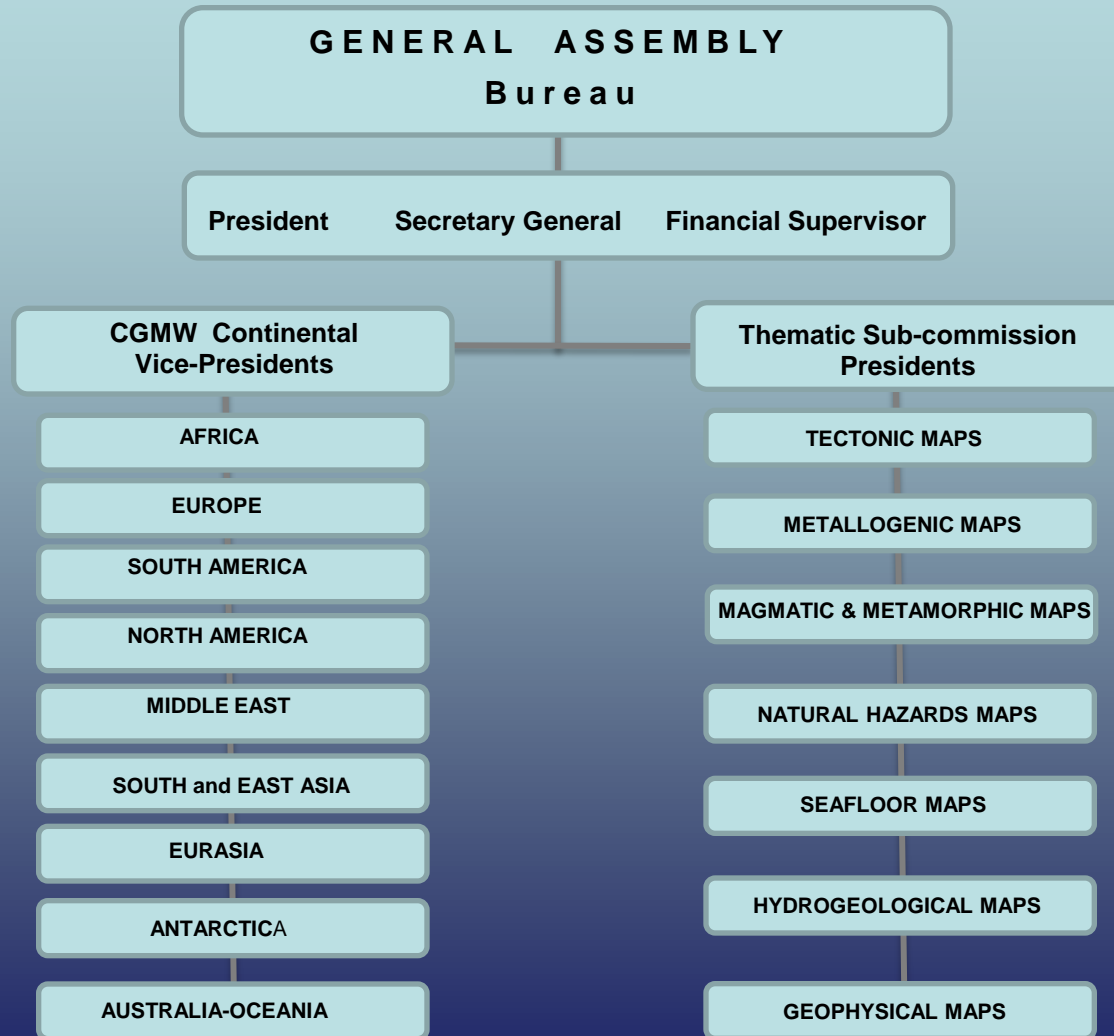
**CGMW report**



## LANDMARKS

- 1881: 2<sup>nd</sup> International Geological Congress (IGC)**, Bologna  
Commission for the International Geological Map of Europe
- 1910: 11<sup>TH</sup> IGC**, Stockholm  
International Geological Map of the World at 1:1 M
- 1913: 12<sup>o</sup> IGC, Toronto**  
1<sup>st</sup> edition of the Geological Map of Europe at 1:5 M  
Commission for the International Geological Map of Europe and the new Map of the World
- 1946: UNESCO and CGMW**
- 1952: 19<sup>th</sup> IGC, Algiers**  
Commission for the Geological Map of the World

## **CGMW organization chart**





# **IGC MILESTONES**

**2004 32nd IGC Florence (6 maps – 1 booklet)**

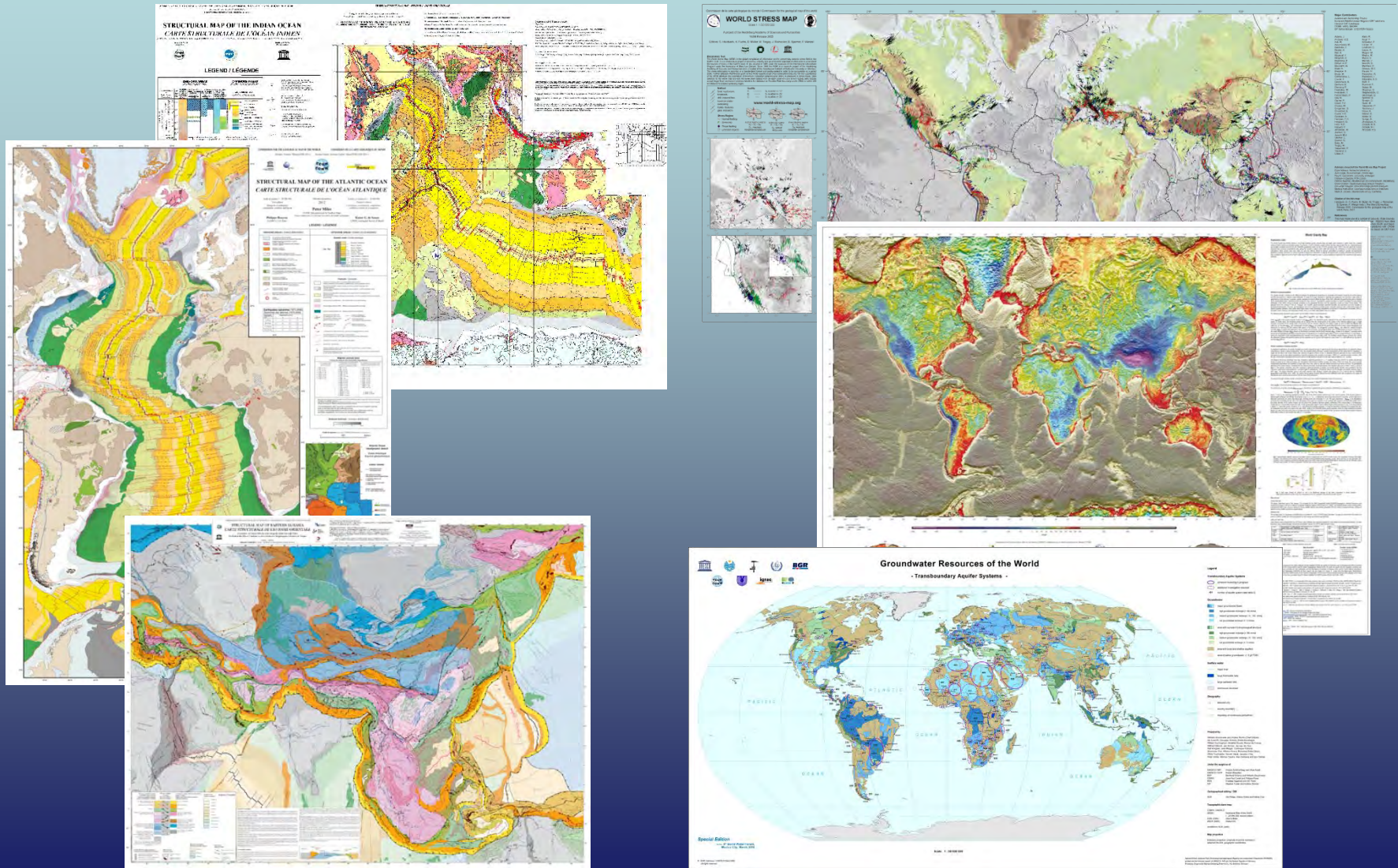
**2008 33th IGC Oslo (5 maps)**

**2012 34th IGC Brisbane (7 maps – 1 booklet)**

**2016 35 IGC Cape Town (4 maps – 1 booklet)**

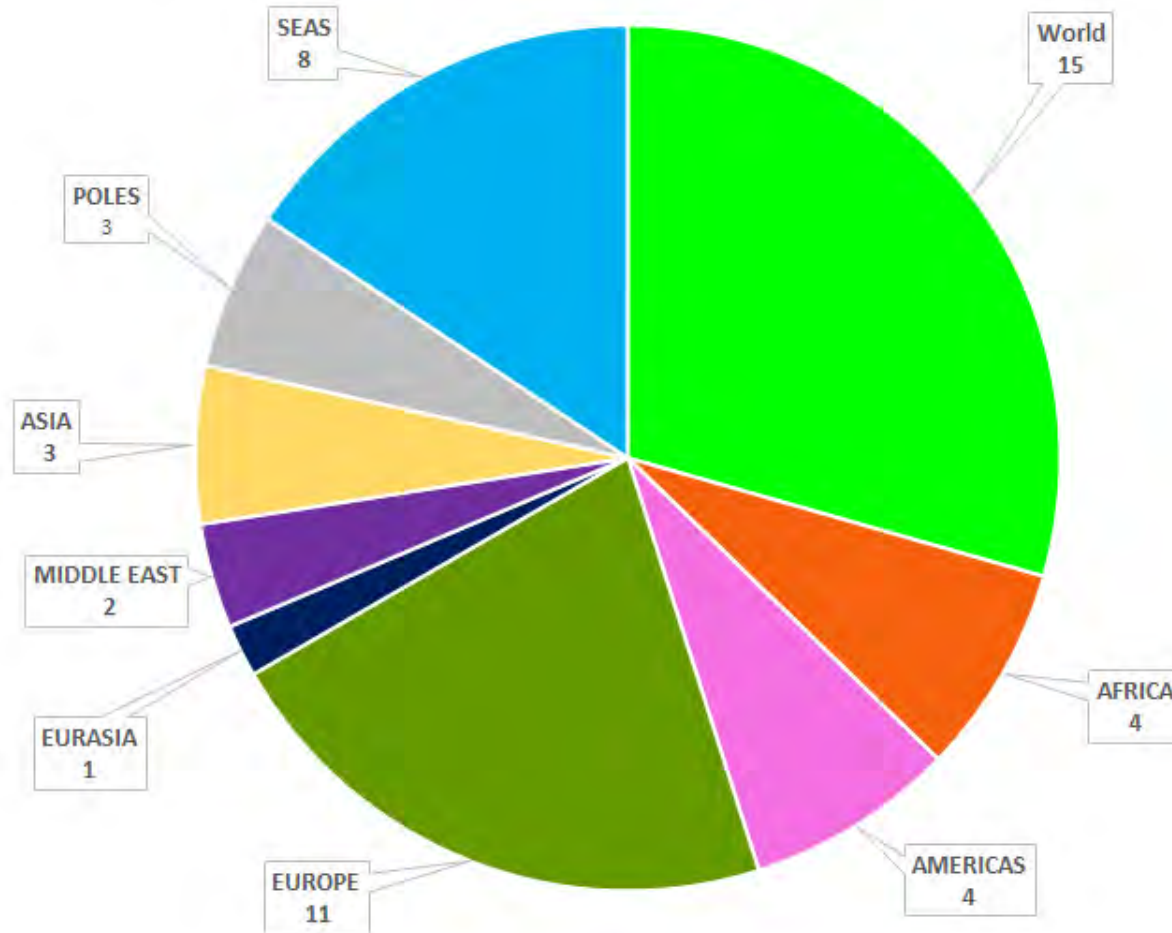


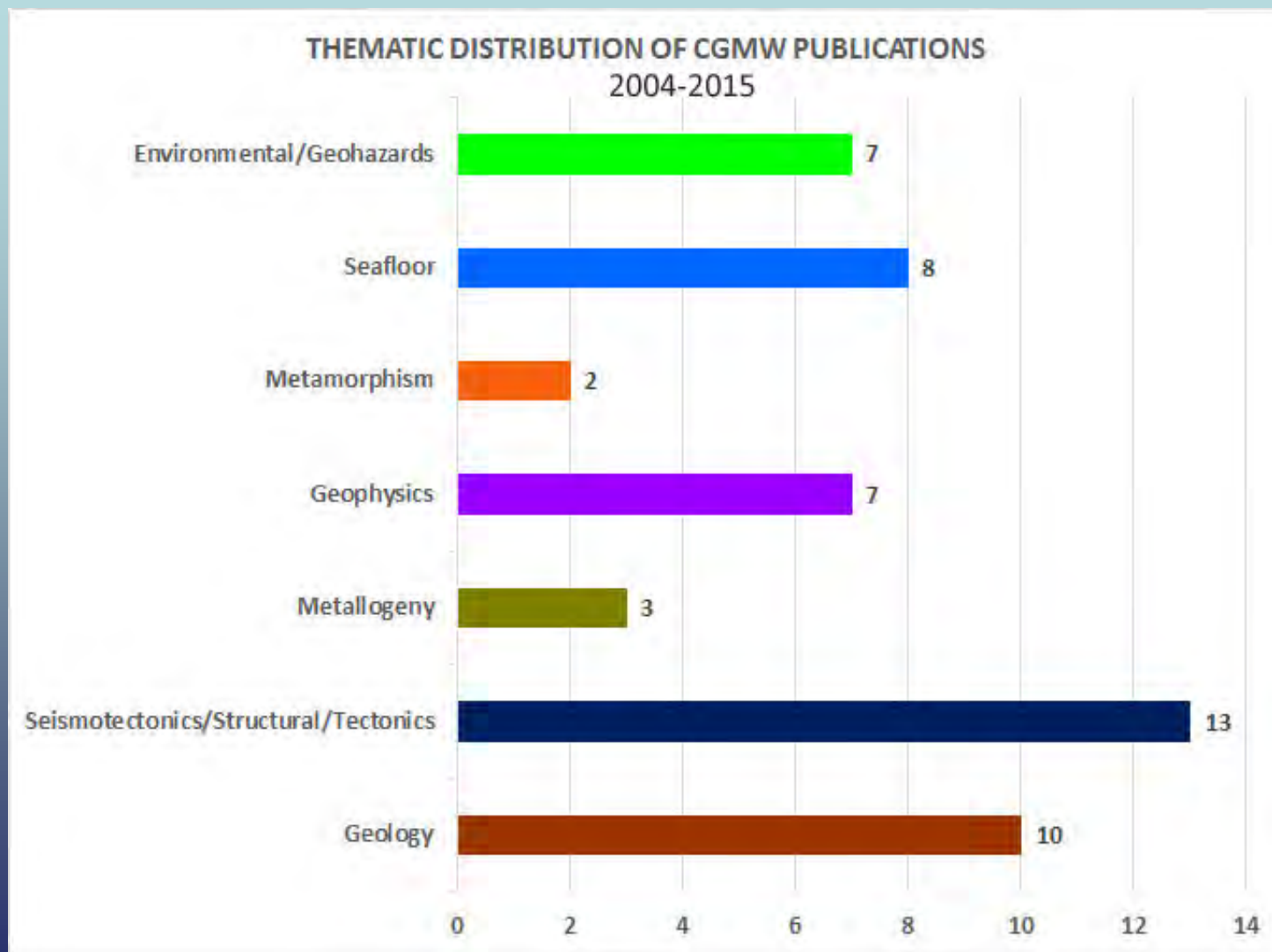
## Global and regional mapping samples





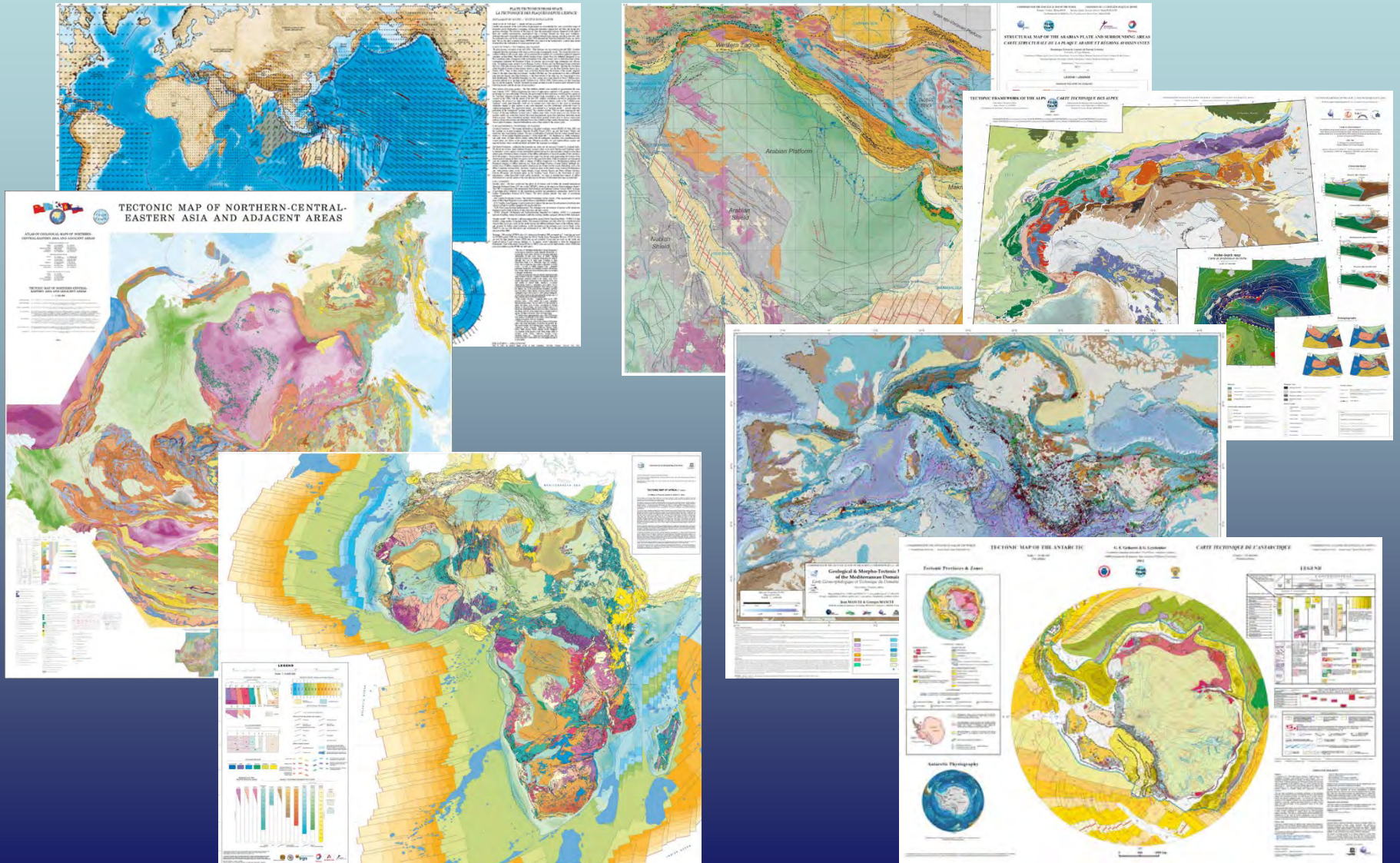
GEOGRAPHICAL DISTRIBUTION OF CGMW PRODUCTION  
2004-2015







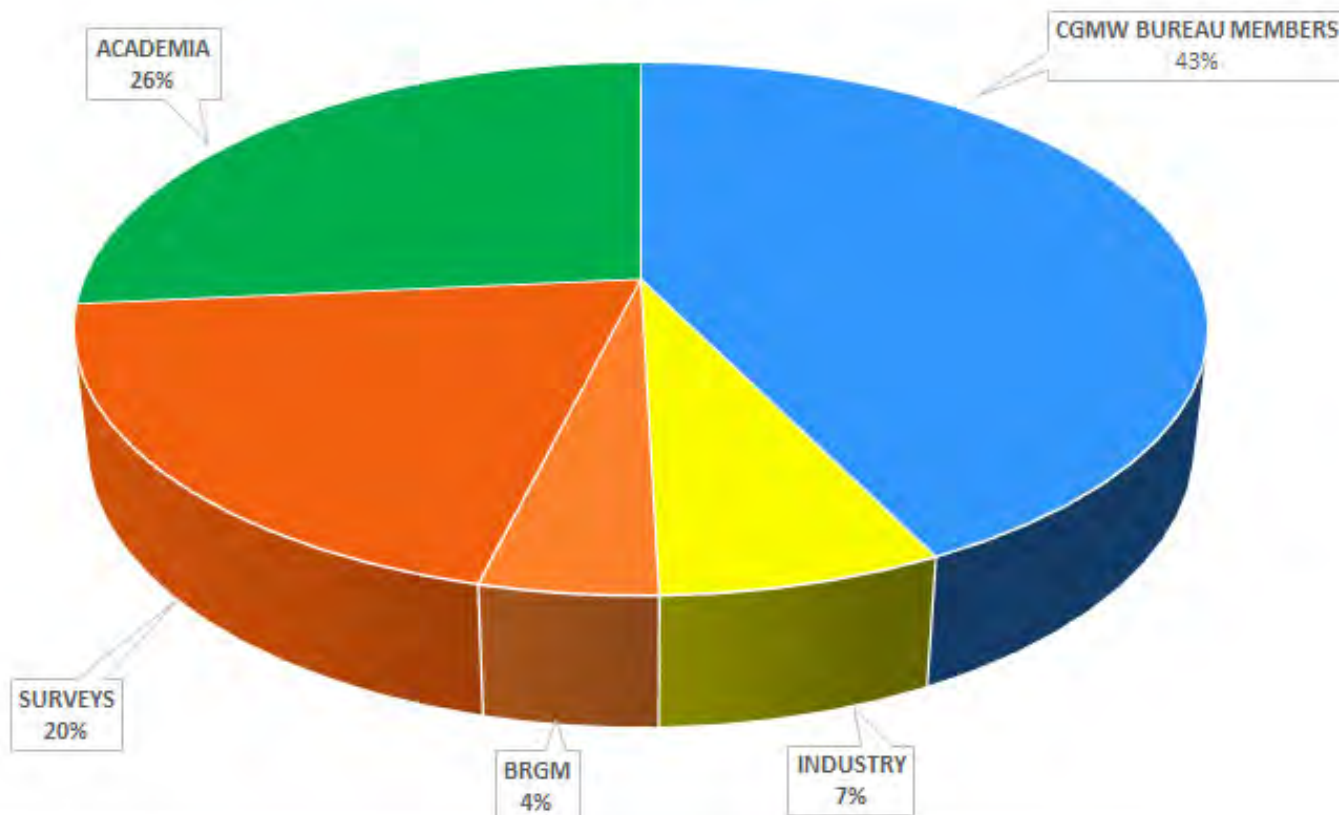
## Zooming in and out on structural and tectonic mapping





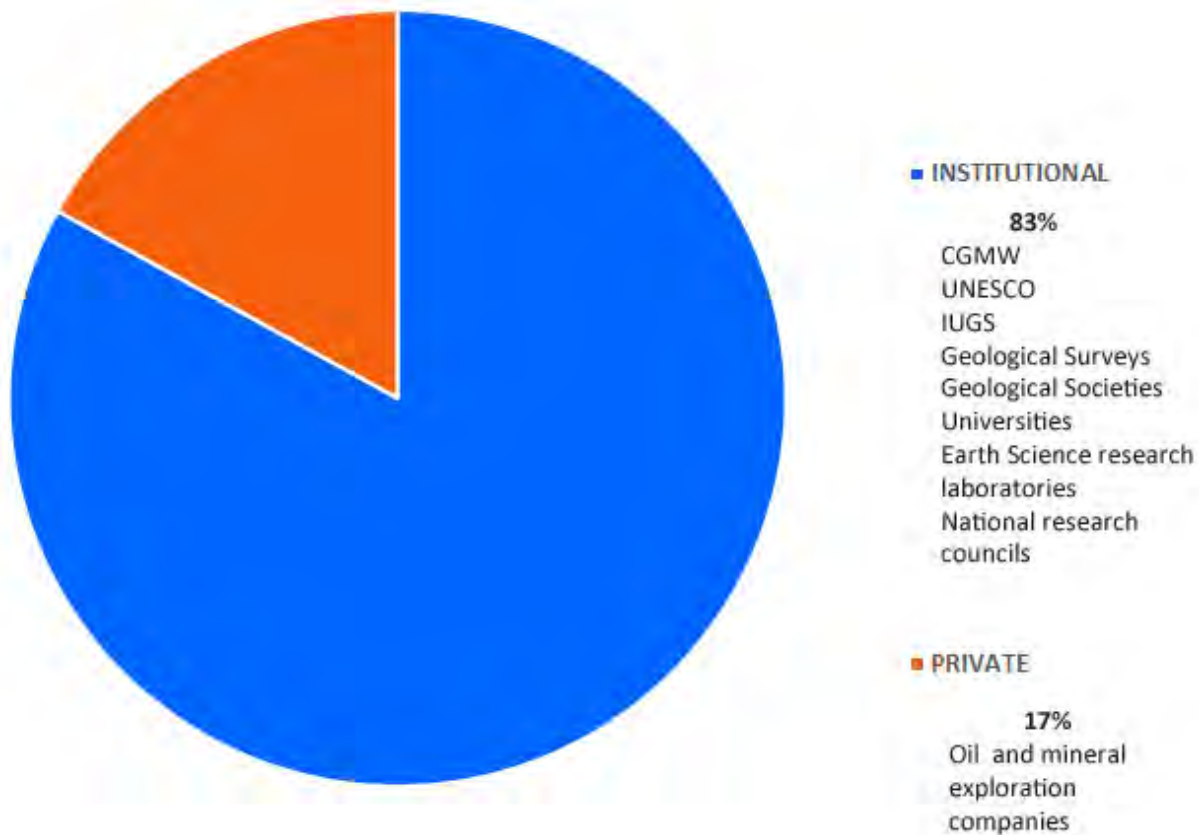


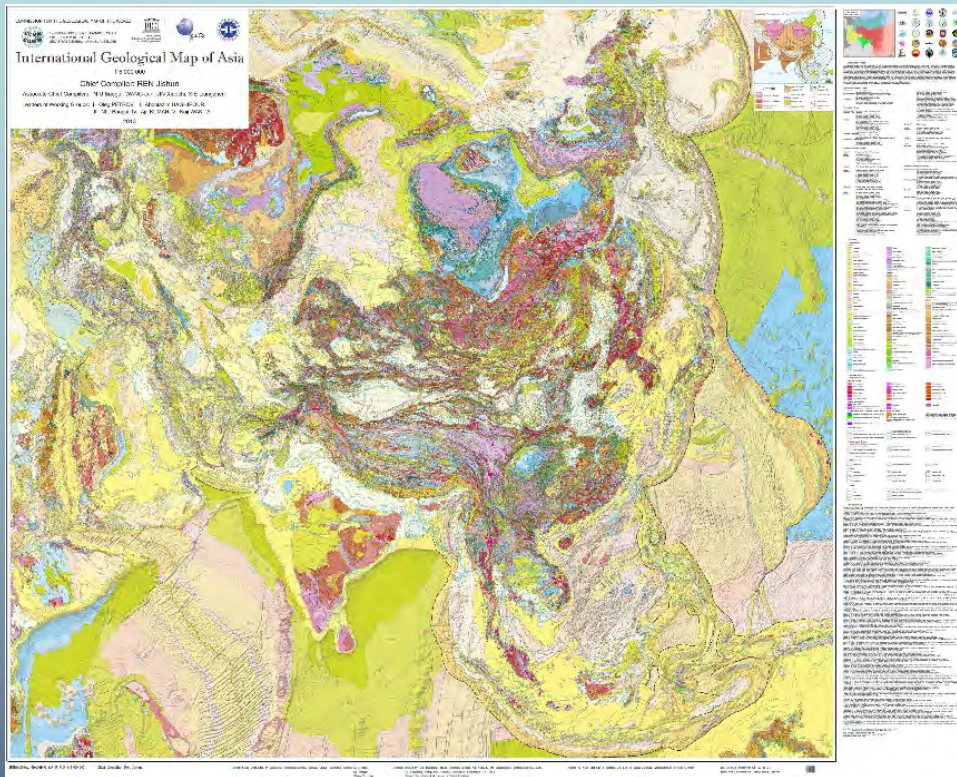
PARTICIPATION IN THE PREPARATION OF CGMW MAPPING PROGRAMS  
2004-2015





FUNDING OF CGMW MAPPING PROGRAMS 2004-2015





**International Geological Map of Asia at  
1:5 000 000 (IGMA) – release in 2013**

**Coordinator:  
Chinese Academy of Geological Sciences**

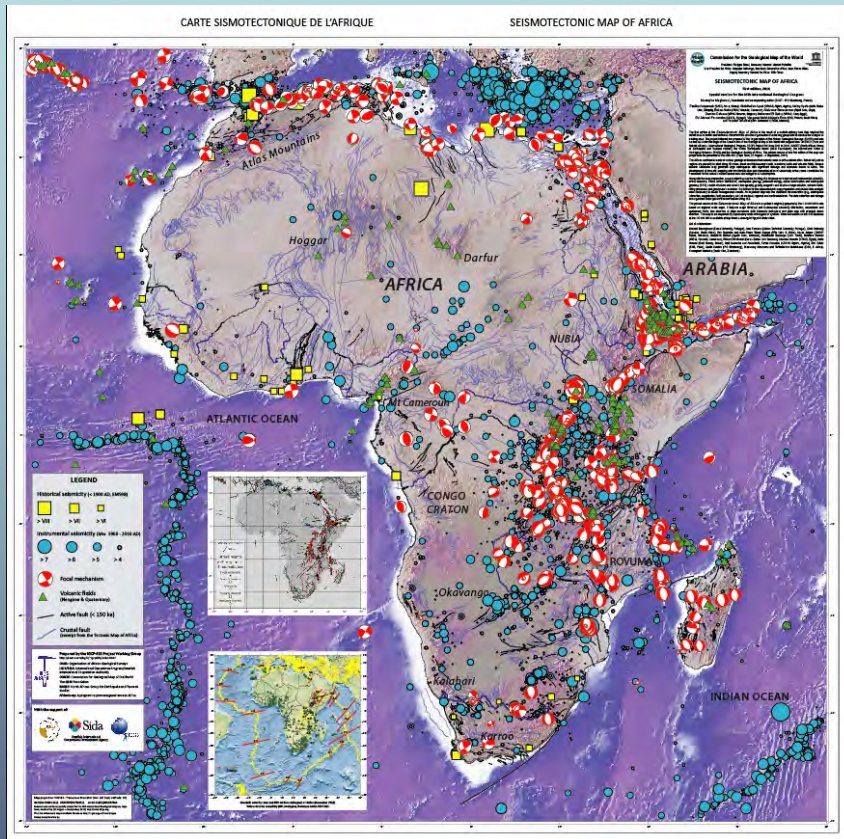
**With the scientific participation of  
Geological Surveys from 20 countries**

- Cambodia
- China
- D.P.R. Korea
- France
- India
- Indonesia
- Iran
- Irak
- Japan
- Kazakhstan
- Laos
- Malaysia
- Myanmar
- Mongolia
- Pakistan
- Philippines
- R. Korea
- Russia
- Thailand
- Vietnam

**With the support of CGMW  
Under the aegis UNESCO**

**With the financial support of:**

- Sinopec Exploration
- China National Petroleum Corporation



Prof. Mustapha Meghraoui, Coordinator and corresponding author (EOST - IPG Strasbourg, France)

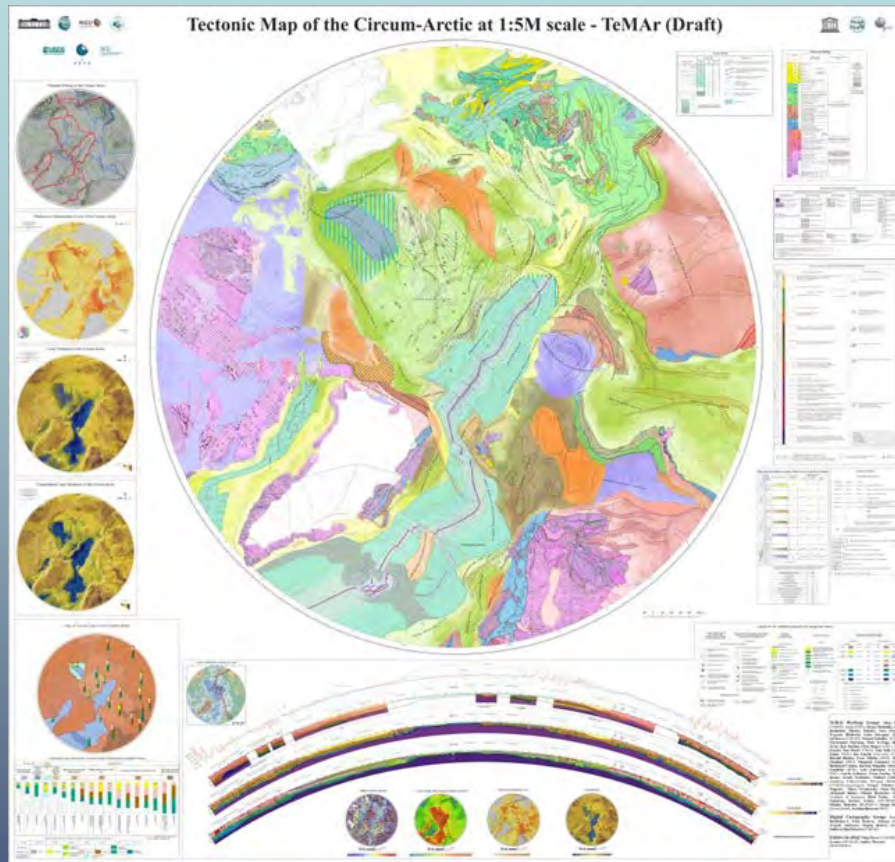
Geoscientists from:

- Algeria
- Belgium
- Cameroon
- Egypt
- Ethiopia
- France
- Ghana
- Libya
- Morocco
- Portugal
- South Africa
- Sudan
- Tanzania
- Tunisia
- Zimbabwe

With the support of:

- OAGS: Organisation of African Geological Surveys
- IGCP/SIDA: International Geoscience Program/Swedish International Cooperation Authority
- Geological Society of Africa
- GEM Foundation
- NAGET: North African Group for Earthquake and Tsunami studies
- AfricaArray: A program to promote geoscience in Africa

Seismotectonic Map of Africa at 1:5 M  
IGCP-601 Project  
CGMW – UNESCO – IUGS  
(release in August 2016 – 35 IGC)



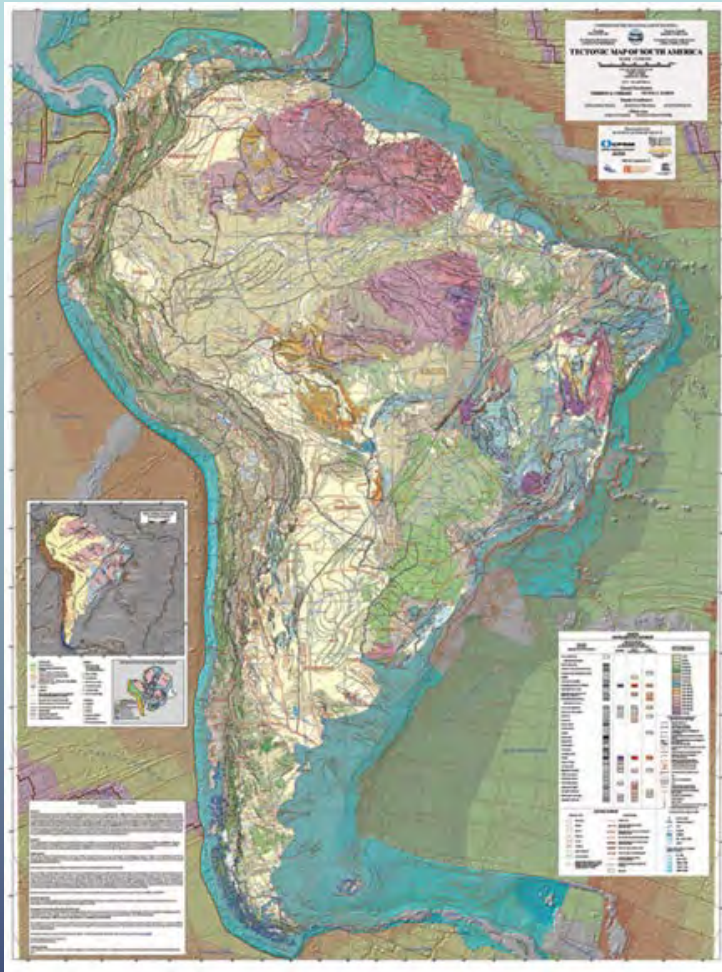
**Tectonic Map of the Arctic (TeMAr)**  
(final draft in 2016 – 35 IGC)

**Coordinators:**

**O. Petrov, S. Shokalsky, I. Pospelov**  
(VSEGEI, St. Petersburg, Russia)

**With the participation of**

- **Geological Institute of the Russian Academy of Sciences**
- **VNIIOkeangeologia (St. Petersburg)**
- **Sevmorgeo** (*Federal State Unitary Research and Production Enterprise for Marine Exploration*)
- **Geological Survey of Norway (NGU)**
- **Geological Survey of Sweden (SGU)**
- **Geological Survey of Denmark and Greenland (GEUS)**
- **Federal Institute for Geosciences and Natural Resources (BGR)**
- **Geological Survey of Canada**
- **US Geological Survey**
  
- **University of Novosibirsk State University**
- **University of Oslo**
- **Université Pierre et Marie Curie**



**Tectonic Map of South America  
(TeMSA) – in press, release 2016**

**Coordinators:**

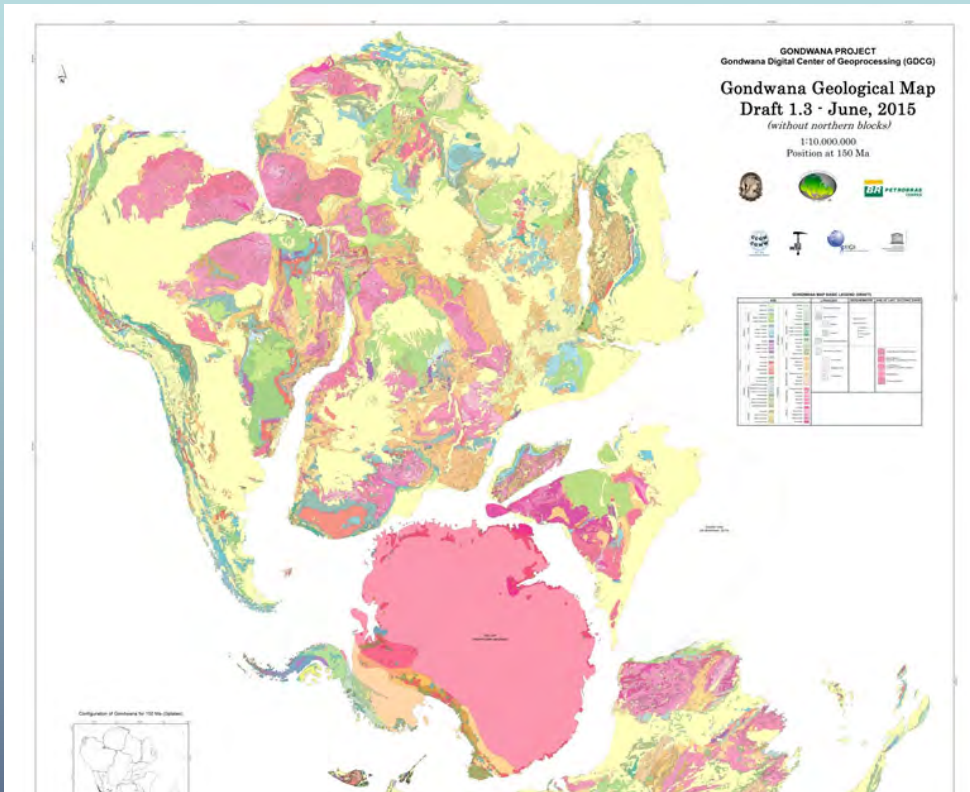
**Umberto Cordani (University of Sao Paulo)  
Victor Ramos (University of Buenos Aires)**

**Geological surveys of:**

- Argentina
- Brazil
- Bolivia
- Chile
- Colombia
- Ecuador
- France
- Peru
- Suriname
- The Netherlands
- Uruguay
- Venezuela (FUNVISIS)

**With the support of**

- UNESCO
- IUGS
- ASGMI (Association of Geological and Mining Surveys of Iberoamerica)



**GONDWANA Geological Map**  
**ICGP Project 628**  
**(Draft V.2 in 2016 – 35 IGC)**

**Coordinators:**

**Renata da Silva Schmitt, Federal University of Rio de Janeiro, Brazil**

**Edison José Milani, CENPES – Petrobras**

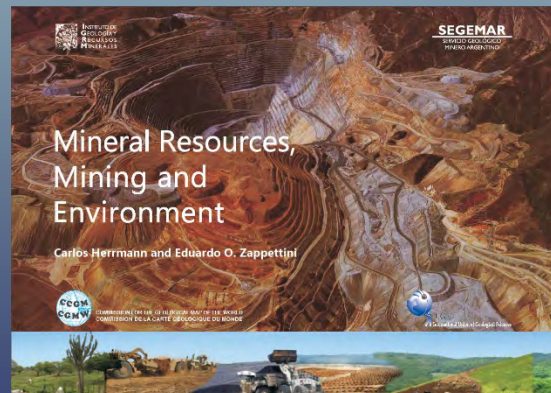
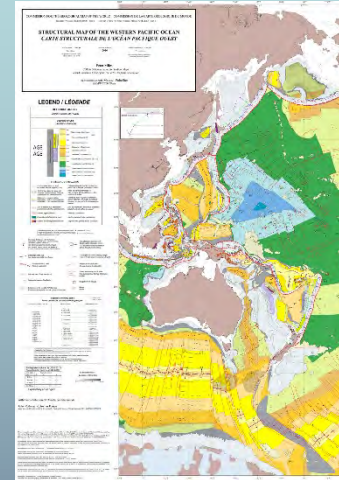
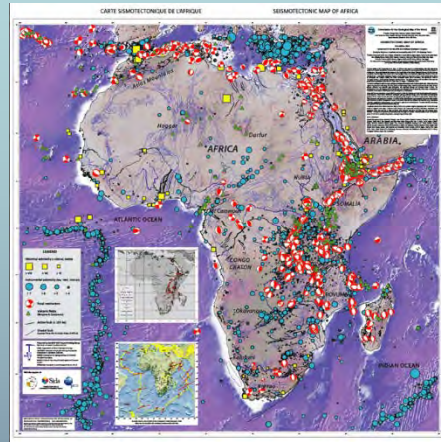
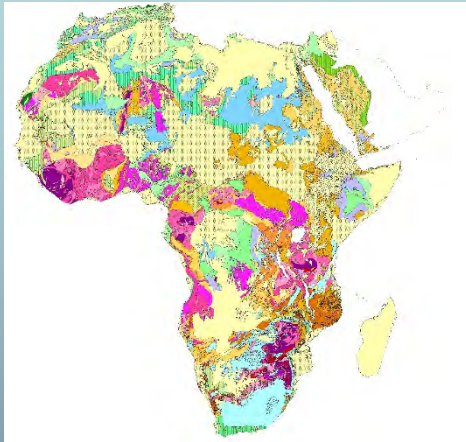
**With the participation of researchers and scholars from Universities and Research laboratories of:**

- Argentina
- Australia
- Brazil
- Canada
- China
- Colombia
- France
- Germany
- Japan
- New Zealand
- Norway
- Portugal
- Russia
- South Africa
- Spain
- United States
- Uruguay

**With the scientific and financial support of:**

- Federal University of Rio de Janeiro, Brazil
- Petrobras
- UNESCO
- CGMW

## What is next for the 35th IGC in Cape Town

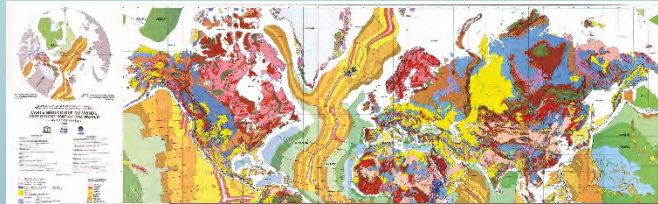




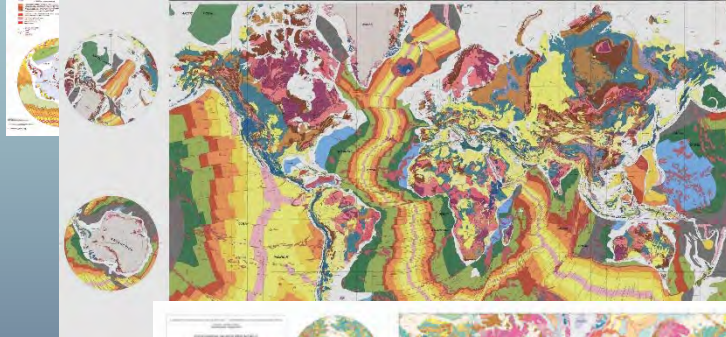


Last, but not least....

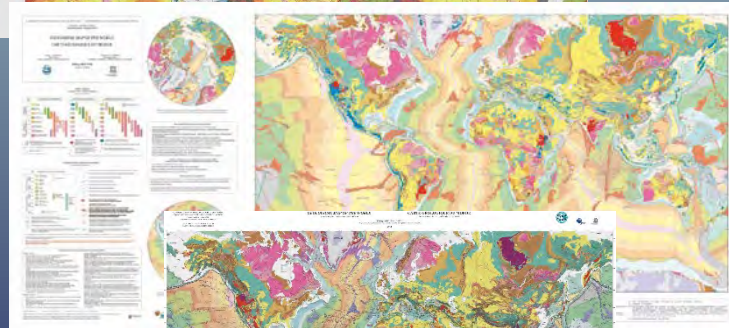
## The Geology of the World from 2D to 3D



1990

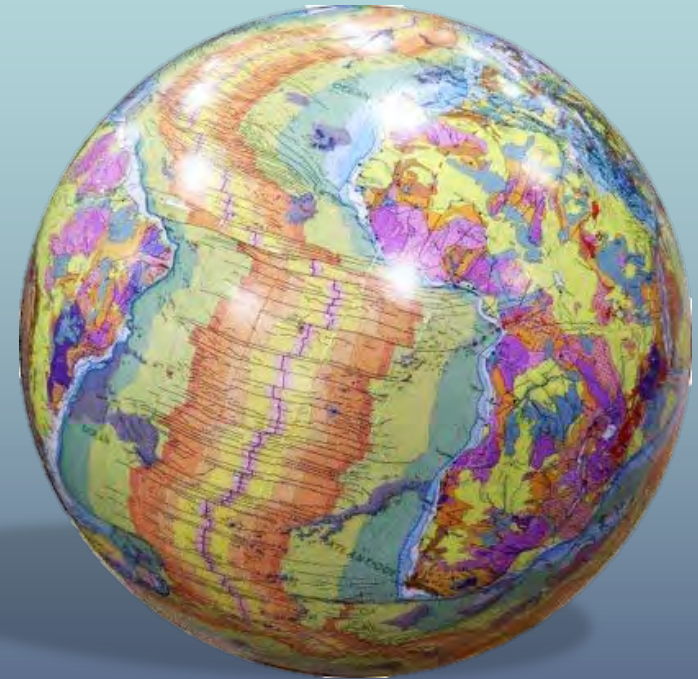
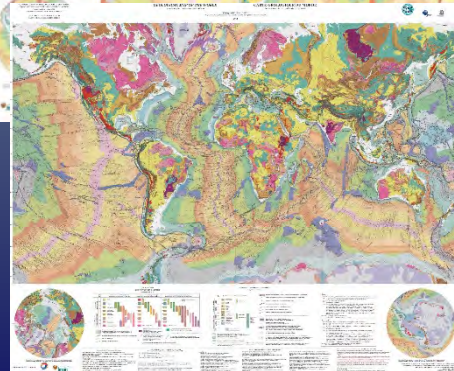


2000



2010

2014



### The Geological Globe of the World

A partnership with Real World Globes (USA)

Available as from March 2016



*Thank you for your  
attention*