

**A MEMORANDUM OF UNDERSTANDING  
BETWEEN UNESCO, CGMW, IUGS, IYPE, ISCGM AND AN INTERNATIONAL CONSORTIUM OF  
GEOLOGICAL SURVEYS TO SUPPORT GLOBAL GEOSCIENCE MAPPING AND CREATE AN  
INTERNATIONAL COORDINATING COMMITTEE**

1. The underlying aim of this MoU is to facilitate access to digital geological map data for the World. The ultimate goal is for interoperable geological map data to be made available as a distributed web service, using web feature mapping, but in moving towards this goal the partners will encourage a pragmatic approach commensurate with the capabilities of the participants. The work will, initially, be largely taken forward at three scales 1:25 million, 1:5million and 1:1 million.
2. Under the 1:1 million ("OneGeology") component of the initiative Geological Surveys and organisations will move to develop and dynamically "serve" the data for their territories to a web portal in a standard format. The 25 and 5 million component of the initiative will be developed by CGMW and its members, who will convert existing and develop future international CGMW mapping to the same standard and serve it to a web portal. The goal is to make the mapping from these two sources consistently and widely available through dynamic map browsers, such as Google Earth. The venture is truly multi-lateral and multi-national and will be coordinated by the following organisations: UNESCO, IUGS, IYPE, ISCGM CGMW and an international consortium of Geological Surveys.
3. UNESCO, IUGS, IYPE, ISCGM, CGMW and the international consortium of Geological Surveys agree to grant their international backing and scientific support to the initiatives.
4. The OneGeology initiative is as defined in the "Brighton Accord" produced and agreed by 81 participants from 43 nations taking part in the first OneGeology Workshop in Brighton, UK, between 12 – 16 March 2007.
5. The 25 and 5 Million component will be described and defined by CGMW and its members.
6. UNESCO, IUGS, IYPE, ISCGM, CGMW and the international consortium of Geological Surveys consider that this initiative is of significant international relevance and corresponds with their respective objectives which are:
  - promoting and coordinating the preparation and publication of Earth science maps of the World, the continents, large areas of the planet and the oceans;
  - promoting and encouraging the study of geological problems, in particular worldwide;
  - initiating new actions in the Earth science field that can help future generations live in a safer and more prosperous World;
  - providing collective leadership in the application of governmental geoscience knowledge and expertise to help address the major social, economic and environmental concerns affecting global populations;
  - to serve as a product of the International Year of Planet Earth (2007-2009);
  - examining measures that concerned national, regional and international organisations can take to foster the development of global mapping in order to facilitate the implementation of global agreements and conventions for environmental protection as well as the mitigation of natural disasters and to encourage economic growth within the context of sustainable development;
  - building peace in the spirit of human beings through education, science, culture and communication.
7. UNESCO, IUGS, IYPE, ISCGM, CGMW and the international consortium of Geological Surveys\* agree to form an International Coordinating Committee for Global Geoscience Mapping (ICCGGM) comprising representatives of each of the six international organisations. A OneGeology Steering Group comprising representatives of Geological Surveys and Organisations will guide and advise the OneGeology initiative and through its Chair will provide the linkage to the ICCGGM. The CGMW will also set up an appropriate Steering Group for its component of the venture and similarly, through its Chair, link to the ICCGGM. The diagram below outlines the structure.

---

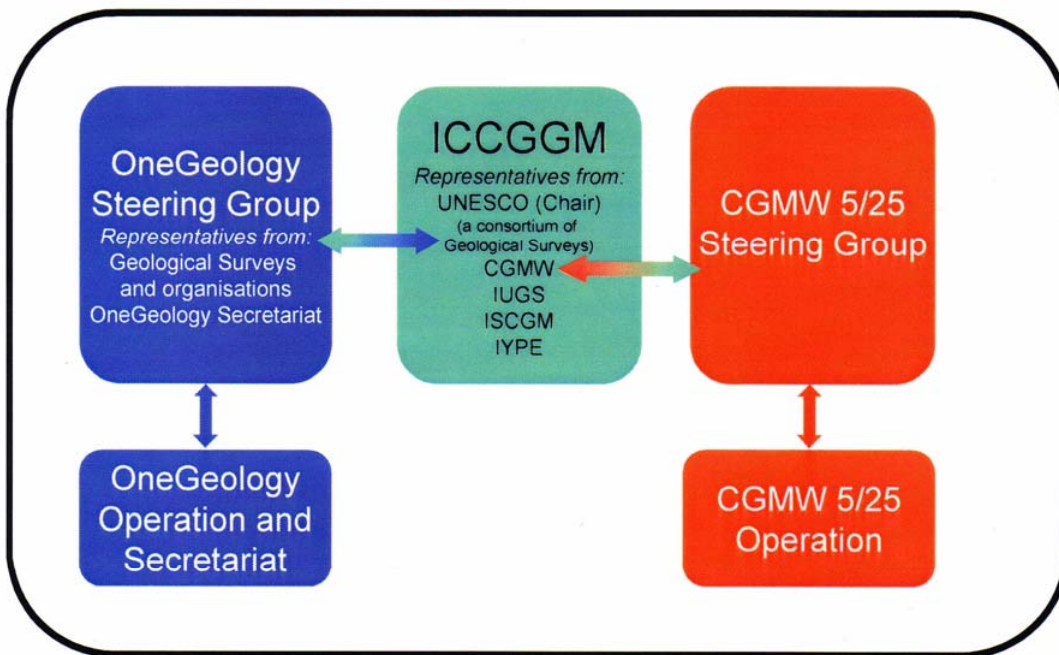
\* The Secretary General of EuroGeoSurveys will temporarily hold the position on the Committee until the global Geological Survey consortium agrees its representation at the IGC in 2008.

Final Version

MASTER

8. Each participating country/organisation will be responsible for locating the necessary resources for each member of the Steering Groups or representatives on operational boards to attend meetings and workshops.
9. The main tasks of the ICCGGM are to:
- ensure the coordination of the work and its implementation in a spirit of goodwill and cooperation;
  - review the data and ensure that it is consistent with the standards required;
  - encourage regular updating of the data supplied by the partners;
  - monitor the progress of the initiatives against an agreed schedule;
  - maintain and promote the global visibility and profile of the work, especially in respect to international bodies;
  - ensure that public access to data is guaranteed (ideally at no cost) and respected by each and every participant and organisation.
- The ICCGGM will meet once a year taking the opportunity given by international events (IGCP, IGC, etc.).
10. The ICCGGM entrust the management and technical and scientific follow-up of the two components of this initiative to the respective Geological Survey and CGMW Steering groups.


25 April 2007





Final Version

MASTER

## SIGNATURES OF PARTICIPATING ORGANISATIONS

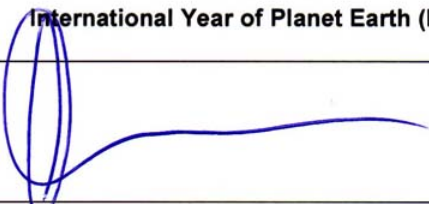
<b>United Nations Educational, Scientific and Cultural Organisation (UNESCO)</b>	
<b>ROBERT MISSOTTEN</b>	
<b>DATE</b> 4/May/07	


<b>Commission for the Geological Map of the World (CGMW)</b>	
<b>JEAN-PAUL CADET</b>	
<b>DATE</b> 16-May/07	

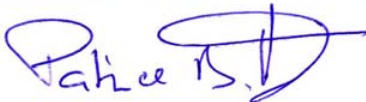
<b>International Union of Geological Sciences (IUGS)</b>	
<b>ZHANG HONGREN</b>	
<b>DATE</b> 5-Jun/07	

Final Version

MASTER

<b>International Year of Planet Earth (IYPE)</b>	
<b>EDUARDO DE MULDER</b>	
<b>DATE</b>	07 June 2007

<b>International Steering Committee for Global Mapping (ISCGM)</b>	
<b>FRASER TAYLOR</b>	
<b>DATE</b>	25 <sup>th</sup> June 2007

<b>An international consortium of Geological Surveys</b>	
<b>PATRICE CHRISTMANN</b>	
<b>DATE</b>	09 July 2007