

**ONEGEOLOGY SOUTH AMERICA MEETING: RIO-2014**  
**MINUTES OF MEETING LAST SESSION: ROUND TABLE**

Tim Duffy asked that each country present their future commitment and participation with OneGeology organization. Countries are allowed to speak about 2 minutes each.

1) **Brazil:**

*Patricia During Jacques (patricia.jacques@cprm.gov.br)*

- a) Steve Richard will continue to help Patricia and Hiran to implement GeoSciML portrayal WMS services (see cookbook [http://www.onegeology.org/docs/technical/CB1-HowTo\\_Serve\\_a\\_1G-L1\\_conformantWMS\\_v2.pdf](http://www.onegeology.org/docs/technical/CB1-HowTo_Serve_a_1G-L1_conformantWMS_v2.pdf)) and Geosciml 3.2 WFS AT cprm (see cookbooks: [http://www.onegeology.org/docs/technical/GeoSciML\\_3.2\\_Encoding\\_Cookbook\\_for\\_5star\\_WFS\\_v1.0.pdf](http://www.onegeology.org/docs/technical/GeoSciML_3.2_Encoding_Cookbook_for_5star_WFS_v1.0.pdf) and [http://www.onegeology.org/docs/technical/OneGeologyWFSCookbook\\_v1.1.pdf](http://www.onegeology.org/docs/technical/OneGeologyWFSCookbook_v1.1.pdf) - noting Hiran that you cannot do this wfs with arcgis server current;y it has to be done with opensource geoserver software - and of course email help from [onegeologyhelp@bgs.ac.uk](mailto:onegeologyhelp@bgs.ac.uk) on any such topic;
- b) CPRM team is working to produce a new Brazilian cook book for the WMS portrayal service. It will be used to replacing or in parallel with the basic geology WMS ( not hydrogeology) that is currently on the onegeology portal - perhaps using the same 1:1Million dataset but making it a Geosciml\_portrayal service. They will consider serving both types of wms - a standard basic one and a more sophisticated geosciml\_portrayal one.
- c) REPLACE broken (long extinct) WFS Geosciml 2.0 web service on the onegeology portal - it is attached to the wms layer BRA GSB 1:1M Bedrock Age and its url is [http://geobank.sa.cprm.gov.br/cocoon/geosciml/wfs/oneg\\_bra\\_ba](http://geobank.sa.cprm.gov.br/cocoon/geosciml/wfs/oneg_bra_ba) this should be replaced with a Geoserver served Geosciml 3.2 service ( will mean you will get the full 5 stars on the onegeology portal!) but perhaps based on the original geology database? The big advantage here is you now have two cookbooks (onegeology cookbooks 4 and 5 above) and working opensource software to help do this, much easier than when you did the old Geosciml 2.0 service with cocoon software.
- d) OneGeology will consider adding maps such as the new Hydrogeological Map of Brazil, scale 1:5M; Structural Map of South Atlantic; Tectonic Map of South America, scale 1:5m:
- e) After seeking the consensus of the involved countries (Argentina, Bolivia, Paraguay, Uruguay) Brazil (CPRM) will discuss the Map Hydrogeological Map of Plata Basin will be served.
- f) Maria-Glicia offered to use her excellent contacts/collaboration with Cuba Geological Survey to get them and contribute to onegeology. For your information we wrote to them on 07/08 [enrique@igp.gms.minbas.cu](mailto:enrique@igp.gms.minbas.cu); [igp@igp.gms.minbas.cu](mailto:igp@igp.gms.minbas.cu) - and the Enrique email did not work and the IGP one never responded. Any country confirming to Onegeology they are going to join simply needs to spend 10 minutes filling in the two web forms at [http://www.onegeology.org/technical\\_progress/buddy\\_home.html](http://www.onegeology.org/technical_progress/buddy_home.html) i.e. [http://www.onegeology.org/technical\\_progress/data\\_coordination.cfm](http://www.onegeology.org/technical_progress/data_coordination.cfm) and if required [http://www.onegeology.org/technical\\_progress/buddy\\_coordination.cfm](http://www.onegeology.org/technical_progress/buddy_coordination.cfm)

2) **Uruguay:**

*Julio Jorge Spotuno (jorge.spotuno@dinamige.miem.gub.uy;  
jspotuno@yahoo.com.ar)*

- a) No service on OneGeology website for Uruguay currently;
- b) Will join OneGeology formally after March/2015 due to elections before that; Then the onegeology participation declaration web forms will be filled in: see [http://www.onegeology.org/technical\\_progress/buddy\\_home.html](http://www.onegeology.org/technical_progress/buddy_home.html) i.e. [http://www.onegeology.org/technical\\_progress/data\\_coordination.cfm](http://www.onegeology.org/technical_progress/data_coordination.cfm) and if required [http://www.onegeology.org/technical\\_progress/buddy\\_coordination.cfm](http://www.onegeology.org/technical_progress/buddy_coordination.cfm)
- c) Julio Spotuno of Uruguay will provide a geological map, scale 1:500,000 Web mapping Service served by the Geological survey itself; Work on this can start using the cookbooks found at [http://www.onegeology.org/docs/technical/CB1-HowTo\\_Serve\\_a\\_1G-L1\\_conformantWMS\\_v2.pdf](http://www.onegeology.org/docs/technical/CB1-HowTo_Serve_a_1G-L1_conformantWMS_v2.pdf) and the [onegeologyhelp@bgs.ac.uk](mailto:onegeologyhelp@bgs.ac.uk) email help and support line.

3) **Chile:**

*Paul Duhart ( [paul.duhart@sernageomin.cl](mailto:paul.duhart@sernageomin.cl) )*

- a) Participation with OneGeology since 2007;
- b) Good collaboration with Geological Map at 1:1M scale;
- c) Since 2010 initiative at OneGeology;
- d) Geophysical and geochemical maps at 1:1M scale could be available for OneGeology;
- e) Could also provide hydrogeological map.
- f) Plan to join OneGeology as a subscribing Principal Member – to work with and confirm to Marko Komac [Marko.Komac@GEO-ZS.SI] Managing Director of OneGeology to make this happen.

4) **Peru:**

*Dina Huanacuni Mamamni ( [dhuanacuni@ingemmet.gob.pe](mailto:dhuanacuni@ingemmet.gob.pe) )*

- a) Peru already present with OneGeology;
- b) Will update the metadata of the geological map called “PER INGEMMET 1:1M Fallas ” and start serving the data again (this Web Map Service has been unavailable for many months);
- c) Will update the metadata of the mining map called “PER INGEMMET 1:1M Geology”
- d) Peru will consider serving further data alongside their South American colleagues and will consider a GeoSciML\_portrayal service. See using the cookbooks found at [http://www.onegeology.org/docs/technical/CB1-HowTo\\_Serve\\_a\\_1G-L1\\_conformantWMS\\_v2.pdf](http://www.onegeology.org/docs/technical/CB1-HowTo_Serve_a_1G-L1_conformantWMS_v2.pdf) and the [onegeologyhelp@bgs.ac.uk](mailto:onegeologyhelp@bgs.ac.uk) email help and support line.

- 5) **Venezuela:**  
*Franco Urbani (urbanifranco@yahoo.com; [furbani@funvisis.gob.ve](mailto:furbani@funvisis.gob.ve))*
- a) No web service with OneGeology currently ;
- b) Columbia could buddy Venezuela;
- c) Have a digital (GIS) map at 1:750,000 scale that could be provided rapidly (in 2015); raster could be available for OneGeology immediately. Action Franco to contact his Columbia colleagues and get this map served early in 2015. Dr. Omar Contreras, the INGEOMIN/Venezuela President, has agreed that the Geological Map of Venezuela, which Franco Urbani is the first author, will be available at the OneGeology Portal  
 To declare this action with Columbia fill in the web forms  
[http://www.onegeology.org/technical\\_progress/buddy\\_home.html](http://www.onegeology.org/technical_progress/buddy_home.html) i.e.  
[http://www.onegeology.org/technical\\_progress/data\\_coordination.cfm](http://www.onegeology.org/technical_progress/data_coordination.cfm) and if  
 required  
[http://www.onegeology.org/technical\\_progress/buddy\\_coordination.cfm](http://www.onegeology.org/technical_progress/buddy_coordination.cfm)  
 Noting and using the cookbooks found at  
[http://www.onegeology.org/docs/technical/CB1-HowTo\\_Serve\\_a\\_1G-L1\\_conformantWMS\\_v2.pdf](http://www.onegeology.org/docs/technical/CB1-HowTo_Serve_a_1G-L1_conformantWMS_v2.pdf)) and the [onegeologyhelp@bgs.ac.uk](mailto:onegeologyhelp@bgs.ac.uk) email help  
 and support line.
- 6) **Colombia:**  
*Jorge Gomez Tapias ( [jogomez@sgc.gov.co](mailto:jogomez@sgc.gov.co))*
- a) Mr. Tapias is absent: his team is very busy publishing the new map at 1:1M scale map by end November 2014 .
- b) Mr Tapias would start work publishing this dataset to the world and OneGeology from January 2015.  
 To declare this action fill in the web forms  
[http://www.onegeology.org/technical\\_progress/buddy\\_home.html](http://www.onegeology.org/technical_progress/buddy_home.html) i.e.  
[http://www.onegeology.org/technical\\_progress/data\\_coordination.cfm](http://www.onegeology.org/technical_progress/data_coordination.cfm)  
 and if required  
[http://www.onegeology.org/technical\\_progress/buddy\\_coordination.cfm](http://www.onegeology.org/technical_progress/buddy_coordination.cfm)  
 Noting and using the cookbooks found at  
[http://www.onegeology.org/docs/technical/CB1-HowTo\\_Serve\\_a\\_1G-L1\\_conformantWMS\\_v2.pdf](http://www.onegeology.org/docs/technical/CB1-HowTo_Serve_a_1G-L1_conformantWMS_v2.pdf)) and the [onegeologyhelp@bgs.ac.uk](mailto:onegeologyhelp@bgs.ac.uk)  
 email help and support line.
- 7) **Guyana:**  
*Serge Nadeau ([goldenserge@hotmail.com](mailto:goldenserge@hotmail.com))*
- a) Guyana is not a member of OneGeology and a memo was submitted to the Commissioner of GGMC Mr Rickford Vieira recommending that Guyana becomes a member of the OneGeology initiative. However, it will also require further approval by the Board of Director of GGMC and by the Minister Robert Persaud of the Ministry of Natural Resources and Environment of Guyana. It is expected that my

recommendation to become member of the OneGeology organization will be accepted.

- b) A digital map of geology at 1:1M scale exists and could be added to OneGeology portal. MapInfo and ARCGIS versions of the geological map of Guyana at 1:1M scale were made for publication.
- c) GGMC has recently developed a webserver, GeoServer system, and the Guyana geological map at 1:1M scale could be made accessible on our webserver through the OneGeology portal after the IT department has been given order by the GGMC Commissioner Mr Rickford Vieira.
- d) Moreover, political issues were raised by some of GGMC managers about including the geological map of Guyana on the geological map of the world of the OneGeology portal: a) Border issues with Venezuela and Suriname are still not resolved b) Possible national political tensions with the Opposition parties over various agreements taken by the Government like becoming member of OneGeology organization and putting the geological map of Guyana on the OneGeology website

**8) Suriname:**

*Richard Verwey ([rlv\\_sur@yahoo.com](mailto:rlv_sur@yahoo.com))*

- a) Mr. Verwey absent due to plane ticket problem;
- b) Part of OneGeology and buddy by Netherland

**9) French Guiana:**

*Hervé Thèveniaut ([h.theneniaut@brgm.fr](mailto:h.theneniaut@brgm.fr))*

- a) Raster geological map recently added by the BRGM on their website called Raster GEOL 50 Guyane 1/500 000 (a while after the meeting it stopped working)
- b) Vector map of this dataset will be made available as a Web Mapping Service;
- c) Geological Map at 1:500,000 scale at the border Brazil-French Guiana is available.

**10) Bolivia:**

*Grover Salamanca Gutierrez ([salacogsgs@hotmail.com](mailto:salacogsgs@hotmail.com))*

- a) GeoBolivia website (SDI- Spatial Data Infrastructure) exists (it serves WMS data);
- b) The GeoBolivia Geology WMS could be provided to the OneGeology portal to participate with other countries with minimal extra effort as the work creating the WMS has already been done by/for the GeoBolivia SDI; Action Grover to find the Bolivia Geological Survey staff member(s) who worked with GeoBolivia and work with them to register the existing Geological WMS with the OneGeology portal by filling in the web forms

[http://www.onegeology.org/technical\\_progress/buddy\\_home.html](http://www.onegeology.org/technical_progress/buddy_home.html) i.e.  
[http://www.onegeology.org/technical\\_progress/data\\_coordination.cfm](http://www.onegeology.org/technical_progress/data_coordination.cfm) and if  
required

[http://www.onegeology.org/technical\\_progress/buddy\\_coordination.cfm](http://www.onegeology.org/technical_progress/buddy_coordination.cfm)  
and emailing [onegeologyhelp@bgs.ac.uk](mailto:onegeologyhelp@bgs.ac.uk) with the WMS link URL.

- c) New mining act;
- d) Deliver geological map in ArcGIS at 1:1M scale;
- e) Could deliver metallogenic map at 1:1M scale.

**11) Ecuador:**

*Luis Pilatasig (luis\_pilatasig@inigemm.gob.ec)*

- a) Developing geoportal;
- b) Last 2 years created spatial data;
- c) Separation of Oil & Gas section from Geology;
- d) Could provide geological, mining and geochemical maps at 1:1M scale for OneGeology initiative. However, will need be approval by authorities.
- e) Plan to join OneGeology as a subscribing Principal Member – to work with and confirm to Marko Komac [Marko.Komac@GEO-ZS.SI] Managing Director of OneGeology to make this happen

**12) Argentina:**

*Carlos Gabriel Asat (g\_asato2000@yahoo.com)*

- a) Member of OneGeology and one of the first members including hosting an operational meeting in 2009;
- b) Need to put back Argentina map on OneGeology portal by getting allocation of a suitable web server with aid of the SEGEMAR president who supported his attendance at this meeting;
- c) Map at 1:2,500,000 scale and maps at 1:500,000 scale are now (would be) available for OneGeology to complement the 1:5 Million one that was served for several years.

**13) Paraguay:**

*Carlos Schobbenhaus ([carlos.Schobbenhaus@cprm.gov.br](mailto:carlos.Schobbenhaus@cprm.gov.br))*

- a) Will become member of OneGeology but it needs to be approved by Government;
- b) CPRM / Brazil could Buddy Paraguay and will at getting the relevant Paraguay contacts;
- c) Action CPRM representative in OneGeology to contact the high level contacts in the Paraguay Geological Survey to get them to approve being a member of Onegeology and to approve CPRM to serve their data for them. To formally declare this membership and approval to CPRM to serve the WMS all that has to be done this for Paraguay with CPRM's help to fill in the quick web forms at:  
[http://www.onegeology.org/technical\\_progress/buddy\\_home.html](http://www.onegeology.org/technical_progress/buddy_home.html) i.e.  
[http://www.onegeology.org/technical\\_progress/data\\_coordination.cfm](http://www.onegeology.org/technical_progress/data_coordination.cfm)  
and if required  
[http://www.onegeology.org/technical\\_progress/buddy\\_coordination.cfm](http://www.onegeology.org/technical_progress/buddy_coordination.cfm)

and emailing [onegeologyhelp@bgs.ac.uk](mailto:onegeologyhelp@bgs.ac.uk) for practical help in setting up the service (although Haran and Patricia of CPRM already know how to do this).

14) **Dominican Republic:**

*Santiago J. Munhoz Tapia (yuboa@hotmail.com)*

- a) Member of OneGeology from early days but not a Principal Member – intend now to upgrade to a full Principal Member by returning the signed OneGeology Consortium Agreement to Marko Komac [Marko.Komac@GEO-ZS.SI] Managing Director of OneGeology to make this happen.
- b) Spain buddy for Dominica Republic but Dominican republic may get their own portal in the near future and serve the data themselves;
- c) Geology, tectonic and mineral maps at 1:250,000 scale;
- d) Tectonic and mineral maps at 1:250,000 could be added to OneGeology portal;
- e) Will separate from mining database;
- f) Skills obtained by training people in Spain and France.

**Comments by:**

I. *Marko Komac OneGeology Managing ([marko.komac@geo-zs.si](mailto:marko.komac@geo-zs.si))*

- 1) Provide data to serve the society;
- 2) Not only geologists to use the data;
- 3) Asked meeting attendees to step forward to deliver their commitment;
- 4) For South America new development and projects for OneGeology;
- 5) Should make the data available for on long term basis not only on short time;
- 6) Add new data and update information;
- 7) Financial commitment of 2,500 to 5000 Euros by each country is required for OneGeology to be sustainable;
- 8) Thanks Dr Barretto da Rocha Nota and Maria-Glicia of the CPRM to organize the OneGeology meeting in Brazil;
- 9) Travel funding by IUGS and CGMW;
- 10) Thanks all participants to have attended the meeting.

II. *Manoel Baretto da Rocha Nota CPRM Director-President ([manoel.barretto@cprm.gov.br](mailto:manoel.barretto@cprm.gov.br))*

- 1) Thanks all country participants for coming to the OneGeology meeting;
- 2) Thanks OneGeology for asking Brazil to organize the meeting;
- 3) Hope that other countries will make their commitment to participate to OneGeology initiative;
- 4) Thanks Mr Santiago Tapia, president of ASGMI from the Dominican Republic to be present at the meeting;
- 5) CPRM handed book gifts (Gems and Precious Metal) in English to meeting participants;
- 6) Thanks all the participants for their talks;
- 7) Thanks to CPRM staff helping to organize the meeting;
- 8) Thanks again for all coming to the meeting.