



OneGeology Board Meeting #15 and Workshop

Geological Survey Canada, Vancouver 14-15 June 2018

Date: 14 June 2018 Day 1:
Venue: Geological Survey Canada, Vancouver offices
Time: 09:00

Carina Kemp – Chair (CK)	Deputising for James Johnson – GeoScience Australia
Linda Richard (LR)	Director, Northern Canada Division at Geological Survey of Canada - NRCan
Dr Maria Glícia da Nóbrega Coutinho (MG)	Head International Affairs Office, CPRM – GS Brazil
Dr Masahiko Makino (MM)	Assistant Director General, Geological Survey of Japan
Matt Harrison (MH)	Director of Informatics, British Geological Survey
Francois Robida (FR)	Deputy Head of Division, Info Systems and Technologies Division, BRGM

Administration

Tim Duffy (TD)	OneGeology Project Manager, British Geological Survey
Virginia Hannah (VTH)	OneGeology Administration Manager, British Geological Survey

Technical Contacts

James Passmore (JP)	Technical Contact – British Geological Survey
Dr. Shinji Takarada (ST)	Technical Contact Geological Survey of Japan (Deputy)
Nicolas Mauroy (NM)	Technical Contact - BRGM
Christelle Loiselet (CL)	Technical Contact - BRGM
Hiran Dias (HD)	CPRM
Patricia Durringer Jacques (PJ)	CPRM

Guests

Laurent Ailleres (LA)	Monash University
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APOLOGIES

James Johnson (JJ)	CEO Geoscience Australia
Tomasz Nałęcz (TN)	Director of GeoScience, Polish Geological Institute
Dr Oleg Petrov (OP)	Director General of VSEGEI

MINUTES and ACTIONS

1. Welcome and Apologies

CK welcomed everyone and thanked them for taking time to attend the Board meeting in Vancouver.

CK gave apologies from James Johnson who has not been well, the Board extended their best wishes to James and wished him a speedy and full recovery.

LR welcomed everyone to the Geological Survey of Canada and said that she was delighted to be hosting the 15th meeting of the OneGeology Board.

2. Review of outstanding actions and matters-arising plus formal agreement of minutes from last Board meeting#14 – March 2018

The minutes of the last board meeting #14, which was a telephone conference held in June 2018, were accepted as a true account.

Outstanding Actions

ITEM	ACTION	LEAD	DUE DATE
	All regional representatives are encouraged too actively work to recruit new members in their areas.	ALL	STANDING ITEM
	Each Board representative to send to the OneGeology Administration at least one conference they are going to promote OneGeology at during this coming year, to be developed into a list of Conferences attended on the website.	ALL	STANDING ITEM
11.11	<i>All Board members are encouraged to promote OneGeology at the RFG event in Vancouver Canada, June 2018. Please keep Administration up to date of any posters that are being submitted.</i>	ALL	CLOSED
13.01	<i>MG agreed to look at the possibility of submitting a poster, or attending and presentation a session on the Tectonic Map of South America, to the RFG in June 2018.</i>	MG	CLOSED update to be given in item regional report
13.02	<i>MG agreed to work with OneGeology Help, towards adding the Tectonic Map of South America, to the OneGeology Portal in the new year</i>	MG	CLOSED update to be given in item regional report
13.05	<i>FR to work with CGMW to get the MoU agreed and signed off, then report to the next meeting.</i>	FR	CLOSED SITUATION IS ONGOING
14.01	<i>FR to circulate a short report on the usage statistics for the portal in the last month, this will include the actions carried out by the users, which can be discussed by the board to form a decision on how we utilise these statistics in the future.</i>	FR	CLOSED UPDATE TO BE GIVEN IN THIS MEETING
14.02	<i>JJ asked that any agenda items for the next Board meeting be sent through to Virginia to coordinate with JJ and MH. FR and MH will work</i>	ALL	CLOSED

	<i>on a first draft of the Agenda.</i>		
14.03	<i>JJ & CK to speak to Laurent Ailleres and invite him to attend the OneGeology Board meeting in Vancouver.</i>	JJ	CLOSED
14.04	<i>BB will approach the IUGS president to possibly make a presentation of a plaque or similar to the Board at the RFG in Vancouver</i>	BB	CLOSED
14.05	<i>MH/VTH will speak with the RFG organisers to enquire about the possibilities for a drinks reception after the OneGeology session.</i>	MH	CLOSED
14.06	<i>All should look at the material we have for show casing the benefits of OneGeology. FR should create something from the portal statistics to show case this.</i>	ALL + FR	CLOSED
14.07	<i>CK to follow up with Oleg Petrov regarding the Loop project</i>	CK	CLOSED

3. Presentation by Geological Survey of Canada

See Introductory Presentation – Linda Richard

LR gave a presentation showcasing the Geological Survey of Canada (GSC) highlighting the work they are currently involved in and how this relates to OneGeology. She emphasised how 3D plays a big part in the future of GSC's future plans. LR said that the success of OneGeology is recognised but we now need forward thinking on the relationship with NRCan. She continued to say that GSC have had some interesting meetings with USGS, who are very interested in 3D and see OneGeology as a mechanism for delivering 3D globally.

LR also outlined the challenges and opportunities to Northern Development and the importance of the work that is carried out with the indigenous communities, working on the next 6 months and future vision, including the next generation science being launched. See Presentation for more.

4. Presentation by OneGeology Project Manager:

See Presentation 1 Where has OneGeology been since 2007 - Tim Duffy

TD gave a presentation reflecting on where OneGeology has been, where we are now and a short vision for the future. See Presentation.

MH added that it is important for the Board to underpin support of OneGeology from within their regions, as membership underpins the activities of OneGeology.

He reminded the group that last year, it was agreed to include the technical representatives on the invitation to the Board meetings, usually in conjunction with the TIG meetings. He suggested that we should use this opportunity to determine that we have the correct amount of high-level representation on the Board.

5. Regional Presentations

Oceania: Carina Kemp (CK) reported –

See presentation 2 OneGeology Oceania Update Board Meeting June 2018 Carina Kemp

- GA will continue to lobby New Zealand to subscribe to OneGeology. NZ kindly attended the TIG the day before and would attend the workshop on Friday.
- GA has received new funding in the Earth Observations and Satellite positioning domains. They are half way through their North Australia Exploration Initiative: Exploring for the Future, focussed on understanding energy, minerals and groundwater potential of Northern Australia. The 3D Loop project is hoped to be used to develop 3D models of parts of Northern Australia.
- CEO of GA is very supportive of OneGeology and sees it as a great initiative for sharing knowledge and potentially co-developing technologies
- GA will investigate other Oceania Nations in the Pacific to join OneGeology. Although these Nations struggle to have systems to store data, let alone deliver it.

Africa: Tim Duffy (TD) Reported – Verbal Report

- After continuous effort to contact our members at the Council for GeoScience, communication is still broken despite them indicating in an April email that they intended to pay the 2018 Principal Membership fee.
- MH advised that as agreed in the last Board meeting, Council for Geoscience (CGS) has been formally removed as the Africa area OneGeology Board representative with a view to re-establishing a communication link with them. There may be an opportunity to do this alongside a SciDataCon/CoData/RDA meeting in Gaborone in November. Also, our Namibian contact Kombada Mhopjeni from CGI Council. Has agreed to try and open up communication again between, OneGeology and CGS.
- It was noted that there is currently only 1 member from the African regions, we are working closely to resolve this.

Asia: Dr Masahiko Makino (MM) reported –

See presentation 3 OneGeology Board Meeting Japan2018 Masahiko Makino

- GSI project with CCOP first database will be available from Sept 2018, which is the CCOP official portal site for member countries
- CCOP GSI web services that are relevant to OneGeology will all eventually be registered in the global OneGeology Portal
- TD advised that the Chinese Geological Survey, had recently shown interest in becoming a principal member of OneGeology and delegates were present at the TIG and the CGI meetings. It is proposed that a representative from OneGeology attends the CCOP meeting in November at which senior CGS staff will be present , to present latest news on OneGeology progress and the benefits of such membership to OneGeology.

ACTION 15.01: MM to write to senior officials at CCOP to ask if OneGeology representative Marcus Sen can attend the meeting in November to present on the benefits of OneGeology membership.

Europe: François Robida/Matt Harrison reported (Verbal report)

- The current European Board representative, Tomasz Nałęcz, from the Polish Geological Survey, has now left the organisation. It was agreed that MH would look at setting up the election process for a new EU Board representative as soon as possible.

- FB said that the OneGeology had been a great initiative and emphasised the importance of keeping our European contacts involved and the important role EuroGeoSurveys plays. He also spoke about EPOS and how this is growing in Europe, with EUR6billion already committed by the EC, to enable collaboration and properly managed data sharing repositories; BRGM, BGS and GEUS are recognised as the providers for the EPOS platform.
- FR reiterated the importance of keeping OneGeology continually moving, not just in Europe but globally. It is imperative that OneGeology is seen to be moving in the same direction and lending scientific support to members and not just building digital maps.

Action 15.02: MH to finalise the process of electing a new European Board member and report back to the next telcon in the autumn.

S & Central America: Dr Maria Glícia da Nóbrega Coutinho

see presentation 4 OneGeology Board Meeting Presentation Geological Survey of Brazil Maria Glicia da Nobrega Coutinho

- MG reported difficulties at the OGS's context: back in 2014, it was agreed that CPRM would begin to buddy South American countries. She advised this has been hard to achieve due some difficulties because the OGS's do not follow schedules, for example: Uruguay (DINAMING) the Geological Map of Uruguay is nearly finished at WMS format but the contact was interrupted without any; Venezuela (INGEOMIN) the Geological Map of Venezuela (WMS) was finished and hosted by CPRM however it is waiting for INGEOMIN to formally authorize the map to be accessible at the portal.
- At the South America context the CPRM has already started to harmonise the Tectonic Map of South America (WMS), it is expected to finish in two months' time. It was suggested to OneGeology to endorse a letter to ask the Comité Intergovernmental of the Plata Basin (CIC) to authorise CPRM to process the Hydrogeological Map of Plata Basin, comprising Argentina, Brazil Bolivia, Paraguay and Uruguay, elaborate by CPRM. The Hydrogeological Map of Brazil already available at the OneGeology portal added with the Plata Basin, both maps represent 57% of the continent.
- Taking into account that CPRM is involving at the different geological data processing (geological, tectonics, hydrogeological) MG submitted to the board, and formally was approved, a position for one CPRM professional to join the Commission for the Management and Application of Geoscience Information (CGI). It'll help to avoid to simplify the available geological knowledge during the harmonization (e.g. to represents the lithochrono-stratigraphy units instead of simply lithology units).

Action 15.03: MG to produce two letters, to be endorsed by OneGeology: one to INGEOMIN (the Venezuelan Geological Survey) and the other to the *Comité Intergovernmental of the Plata Basin (CIC)*, asking them to formally approve the authorisation to CPRM to process the maps (Geological Map of Venezuela and the Hydrogeological Plata Basin) to be available at the OneGeology portal.

Eurasia

No report submitted

Canada & N America Boyan Brodaric – verbal update

- BB reported that although there have been some technical glitches, the new maps from both sides are now on the OneGeology portal and through the OneGeology technical team, maps are also being served on national servers.

- Canada is actively involved in the 3D Loop project and looks forward to continued collaborations.
- USGS has a new 10 year mapping strategic plan involving States, Geological Surveys and Universities, as well as continuing with all other ongoing activities, the new focus is on 3D. A state surveys national mapping meeting took place recently and was very successful.
- No updates on Mexico
- MH said that there had in the past, been discussions with the USGS Powell Centre, regarding the possibility of working with likeminded organisations on shared challenges and it was proposed that OneGeology data could be used to take this forward, he wondered if we should consider this as part of future planning. BB said there are ongoing discussions between USGS on how they can focus more on OneGeology activities. LR agreed to take this forward at future meetings with USGS.

6. Communications

Marketing and promotion – Virginia Hannah (Verbal Report)

- VTH reported that the marketing material produced for the RFG conference next week had cost around £600.00.
- She reminded the Board that the calendar on the website was for them to announce OneGeology related activities within their regions for members and non-members to be aware of. So far only Oceania and Europe representatives had added any dates. Admin will, where they can, continue to promote such events but the regions are also responsible for their areas.
- Admin asked the board to be more responsive to correspondence and requests.

RFG – Staffing stand /meeting point

- A rota, covering a couple of hours both AM and PM was agreed for the OneGeology stand within the BGS booth at RFG.

7. Discussion of the 3D proposal and activity – Laurent Ailleres (LA) –

See presentation 5 OneGeology 3D Presentation Laurent Ailleres June 2018

- BB gave a recap of the 3D project so far and we go to where we are now.
- LA said he would like to recognise the contributions from Geoscience Australia and the State and Territory Geological Surveys as well as the Geological Survey of Canada and the input from Chris Pigram, whom have all played a huge part in getting this project off the ground.
- It was questioned as to whether OneGeology itself would want a position on the project and sign the MoU but MH explained that OneGeology isn't a legal entity so wouldn't be able sign the MoU.
- BB suggested that each individual organisation have an agreement with the LOOP Project and that OneGeology takes on the advisory role for the OneGeology community.
- Lots of discussion took place around the possibilities for a governance structure and CK/MH took on the role to lead the planning in this area, with the following agreements and actions coming from those discussions.

AGREED:

- a) Each individual organisation have an agreement with the LOOP Project and OneGeology takes on the advisory role on behalf of the OneGeology community.
- b) LA to circulate the LOOP Scientific Proposal to members.
- c) CK take the lead in drafting governance for the LOOP project

Action 15.04: Each organisation to formalise their partnership with the LOOP project

Action 15.05: LA to revise the Scientific Proposal and circulate to OneGeology members by the 31 July 2018.

Action 15.06: CK to work with MH to draft a governance structure for LOOP including a 1G steering committee, who will act as advisors for the broader OneGeology members on the LOOP Project and produce a draft strategy for discussion at the next meeting.

Action 15.07: MH agreed to speak to Chris Luton at the BGS regarding a collaboration template recently used and share with the board ASAP.

Action 15.08: MH will prepare a paper outlining a broader approach for future scientific objectives and governance present at the next telcon in the autumn. This will be along the lines of other international collaborations whereby for a project to be considered under the OneGeology banner it should have at least 3 member countries engaged..

8. Analysis of user Statistics and the way forward – See presentation

- FB and NM presented the new feature of the portal and its capability to capture data and figures for analysis. MH said that as a group we must determine what we do with this data. CK added that we must identify OneGeology users and educate them on how to use this data and in the workshop tomorrow, we need to discuss;
- Marketing
 - Following Impact
 - Intelligence
 - Track users/Location
- LR suggested that we have a strategic talk during the workshop, to determine which user cases we have going forwards, and engage professional help to help us to determine what the users want. FB warned that we have to prioritise activities as the funding for OneGeology is not exhaustive.
- LR reported that the portal is brilliant as a viewing tool but it is hard to manipulate data with it due to the design features. NM said that this would be one of the main things to be looked at this year.
- There was a reiteration that the portal was only part of the objective for OneGeology and should act as a showcase for members and standards based practices. Exposing data in standards-based ways was the primary objective.

AGREED: It was agreed that a survey seemed like the best route to collate the information that we need from users. And that we will look at producing a communications strategy for circulation.

Action 15.09: Admin, with a lead from CK & LR, to prepare a draft communications strategy that identified the targeted 1G users and how to communicate with them. This to be presented at the next telcon

9. OneGeology Project Manager Report

- TD Reported that we currently have 13 principal members, 2 associate members as ESRI no longer subscribe but still act as sponsors of OneGeology and 0 corporate members.
- TD reported that the finance for OneGeology continue to stay on track, he is hopeful that we will sign up 2 more members this year, seeing us break even.

- TD asked the Board to approve the annual payment to BRGM for their continued involvement with OneGeology Administration, in particular the OneGeology Portal maintenance.

AGREED: The Board agreed the payment of €50,000 to BRGM for their activities in hosting the OneGeology portal in 2018.

9. Funding

Long Term Sustainability & Strategy and the Brighton Accord

Should OneGeology aim at having a more ambitious programme and therefore structure?

CK opened discussions around the possibility of formalising a Science Strategy for OneGeology. There was lots of positive discussion on the topic and the Board were in agreement that work should begin to start and have a look at what a strategy should look like, with a view to having a draft on place to present at the next meeting. The following actions came out of the discussions;

Action 15.10: Board members to share their organisational strategies via onegeology@bgs.ac.uk

Action 15.11: Regional representatives to collate science strategy requirements from their regions

Action 15.12: Admin, along with the Chair, to work towards organising another workshop similar to that of the OneGeology kick off meeting Brighton, working backwards from the IGC meeting in 2020 and use this to help draft the Science strategy.

Action 15.13: CK &MH to work on the Science strategy outline and timeline and present at the next telcon in the autumn

AGREED: The OneGeology Board agreed that the development of a formal Science Strategy was a worthwhile venture, with a view to launching the strategy at the IGC meeting in March 2020 and earlier at a stand-alone meeting, like that of the OneGeology kick off meeting in Brighton.

10. Time and Venue for the next meeting

The next meeting will be a telcon. VTH will poll for dates in early October.

I was suggested that next face to face meeting should be held in Africa in January or February 2019 but this is yet to be confirmed.

11. Review of New Actions

ITEM	ACTION	LEAD	DUE DATE
	All regional representatives are encouraged too actively work to recruit new members in their areas.	ALL	STANDING ITEM
	Each Board representative to send to the OneGeology Administration at least one conference they are going to promote OneGeology at during this coming year, to be developed into a list of Conferences attended	ALL	STANDING ITEM

	on the website.		
15.01	MM to write to senior officials at CCOP to ask if OneGeology representative Marcus Sen can attend the meeting in November to present on the benefits of OneGeology membership.	MM	October 2018
15.02	MH to finalise the process of electing a new European Board member and report back to the next telcon in the autumn	MH	October 2018
15.03	MG to produce two letters, to be endorsed by OneGeology: one to INGEOMIN (the Venezuelan Geological Survey) and the other to the Comité Intergovernmental of the Plata Basin (CIC), asking them to formally approve the authorisation to CPRM to process the maps (Geological Map of Venezuela and the Hydrogeological Plata Basin) to be available at the OneGeology portal.	MG	October 2018
15.04	Each organisation to formalise their partnership with the LOOP project	ADMIN	October 2018
15.05	LA to the Scientific Proposal and circulated to members	LA	31/07/18
15.06	CK to work with MH to form a steering group, who will act as advisories for the OneGeology members and the LOOP Project and produce a draft governance doc for discussion at the next tel con in the autumn.	CK/MH	October 2018
15.07	MH agreed to speak to Chris Luton at the BGS regarding a collaboration template recently used and share with the board ASAP.	MH	ASAP
15.08	MH to prepare a draft paper highlighting the broader science for wider governance proposal and present at the next telcon in the autumn	MH	October 2018
15.09	Admin, with the input of CK & LR, to prepare a draft communications strategy and present at the next telcon	CK/ADMIN/LR	October 2018

15.10	Board members to share their organisational strategies via ongelogy@bgs.ac.uk	All	ASAP
15.11	Regional representatives to collate science strategy requirements from their regions	ALL	??
15.12	Admin, along with the Chair, to work towards organising another workshop similar to that of the OneGeology kick off meeting Brighton, working backwards from the IGC meeting in 2020 and use this to help draft the Science strategy	ADMIN	??
15.13	CK &MH to work on the Science strategy outline and present at the next telcon in the Autumn	CK/MH	October 2018

12. AOB - Round up of days actions

LA suggested, that the World Bank should be approached for funding, especially to help with travel to developing countries. Also many charities help with this kind of funding too.

Meeting Closed at 17:10: The Board thanked the staff at the Geological Survey of Canada for hosting our meetings and making us all feel so welcome.