**OneGeology Operational Group Meeting #9**

**Date: Monday 21st June 2021**

**Venue:** GoToMeeting:[**https://ukri.zoom.us/j/95897361582**](https://ukri.zoom.us/j/95897361582)

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|  | **Local Time** |  | **Local Time** |
| Nottingham (United Kingdom - England) | **11:00** | Tokyo (Japan) | **19:00** |
| Rio de Janeiro (Brazil - Rio de Janeiro) | **07:00** | Canberra (Australia - Australian Capital Territory) | **20:00** |
| Saint-Petersburg (Russia - Saint Petersburg) | **13:00** | Dublin (Ireland) | **12:00** |
| Paris (France - Île-de-France) | **12:00** | Washington DC (USA - District of Columbia) | **06:00** |
| Ottawa (Canada - Ontario) | **06:00** | Uppsala (Sweden) | **12:00** |
| Helsinki (Finland) | **13:00** | Faro (Portugal - Faro) | **11:00** |
| Amsterdam (Netherlands) | **12:00** | Daejeon (S.Korea) | **19:00** |

**ATTENDEE’S**

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| Tirza van Daalen (TVD) | Director, TNO |
| Evgeny Kovalenko (EK) | Deputy Director Information Technology Center, Russian Geological Research Institute (VSEGEI) |
| Lars Kristian Stolen (LCS) | Digital Strategist, Geological Survey of Sweden |
| Aurete Pereira (AP) | Geological Survey of Portugal (LNEG) |
| Lidia Quental(LQ) | Geological Survey of Portugal (LNEG) |
| Dr. Shinji Takarada (ST) | Technical Contact Geological Survey of Japan (Deputy) |
| JongGyu Han (JGH) | Head of Data Centre KIGAM |
| Grainne O’Shea | Geological Survey of Ireland |
| Jouni Vuollo (JV) | GTK |
| Steve Hill (SH) | Chief Scientist, GeoScience Australia |
| Vladimir Khale |  |
| **ONEGEOLOGY ADMINISTRATION** |  |
| Kate Royse (KR) | BGS Chief Digital officer – OOG Chair  |
| Matt Harrison (MH) | Director of Information Systems, French Geological Survey BRGM  |
| Hazel Napier (HN) | OneGeology Project Manager, British Geological Survey |
| James Passmore (JP) | OneGeology Technical Expert – British Geological Survey |
| Nicolas Mauroy (NM) | OneGeology Technical Expert – BRGM |
| Tina Neale (TN) | OneGeology Administrator, British Geological Survey |
| **APOLOGIES** |  |
| Boyan Brodaric (BB) | Technical Contact/Deputy, Central and Northern Canada Branch GSC – NRC |
| Dr. Viktor Snezhko (VS) | Director Information Technology Center, Russian Geological Research Institute (VSEGEI) |
| Dr Maria Glícia da Nóbrega Coutinho (MG) | Head International Affairs Office, Geological Survey of Brazil (CPRM) |
| Paul Bogaard (PB) | TNO |
| Dave Soller (DS) | US Geological Survey |
| Daniel Moreira (DM) | Technical Expert - Geological Survey of Brazil (CPRM) |
| Virginia Hannah (VTH) | OneGeology Assistant Project Manager, British Geological Survey |

1. **Welcome and Apologies –** KR

The chair welcomed everyone to the meeting and thanked them for attending.

1. **Formal Agreement of Operational Meeting #08 notes and actions –** KR

Notes were agreed as true account of meeting #08

1. **Review of Outstanding actions from meeting #08 –** KR

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| **New Actions List: Operational Meeting #08** |
| **ITEM** | **ACTION** | **LEAD** | **DUE DATE** |
| 01 | MH, with the input from others, to write a one-page Digital Twin summary to present at the next OSSC meeting on 30 March 2021.***MH informed that a group is going to be set up to discuss Terms of Reference.*** | MH | *CLOSED* |
| *02* | *Admin to add the items discussed in item 5, to the agenda for discussion at the next OSSC meeting* | *VTH* | *CLOSED* |
| 03 | JP to organise communication between OneGeology and CGMW technical teams to work on the standards for the 1:5M geological map of the world.***Discussed in this meeting*** | JP | *CLOSED* |
| 04 | The group is encouraged to actively seek Principal Members to the OneGeology consortium. | ALL | Standing |
| 05 | MH to follow up possible South African membership leads via the BRGM project.***MH waiting for PANAFGEO to kick off but there has been a delay - kick off meeting will be in the next few months.***  | MH | Ongoing |
| 06 | HN will work with individuals on possible membership leads.***Discussed in Agenda Item 6*** | HJN | Ongoing |
| 07 | Everyone to think about what they would like to see in the next edition of the Newsletter, including the addition of external articles and to feedback to VTH by the end of this month (March 2021).***VH sent out Newsletter a few weeks ago, this is done on a regular basis.*** | ALL | *CLOSED* |
| 08 | KR will continue to work with Admin on securing a possible date for the WCOGS & OneGeology collaboration meeting and report back at the next OG meeting in June.***Discussed in meeting today*** | KR/Admin | *CLOSED* |

1. **Updates on Digital Twin working group and Terms of Reference (ToR) (HN)**

HN, MH, TVD and KR had met to discuss how to take this work forward and keep momentum going recognising that the OSSC is really keen to see this work progressing. An interim Task Force would be set up to draft Terms of Reference for a Digital Twin working group so that potential members would be clear on what they would be signing up to. The task force would meet on 1st July 2021 to discuss the ToRs, possible membership, deliverables and timeline. The task force will report back at the Operational Group Meeting in September 2021.

**ACTION**: HN to report to next OOG on status regarding Digital Twin working group.

1. **Ongoing discussions with CGMW & CGI (MH)**

MH said they are in process of writing a paper to hopefully be published before the end of the calendar year. The paper will summarise current status from the different perspectives.

OneGeology, CGMW & CGI are all involved in communicating digital geological information from three different aspects

* CGMW – standardisation and production of global geological map products
* CGI – standardisation of geoscience information and vocabularies which are fit for purpose.
* OneGeology – increased engagement with the geological maps of the world and 3D modelling through the LOOP project.

There is a review meeting at the beginning of w/c 28th June 2021 about the paper mentioned above and potentially a digitally focussed larger meeting at the beginning/early part of next year – MH will confirm when more information is available.

**ACTION:** MH to update OOG on ongoing discussion with CGMW and CGI

1. **Finance and Membership (HN)**

**Subscriptions**

* Are doing well and are generally up to date.
* BGS has a new finance officer involved is getting up to speed on all the processes.

**Membership**

* VH and HN have discussed new memberships and would welcome any input from OneGeology members.
* VH will be meeting with TN to look at existing contacts and check if they are the correct details.
* The admin team plans to take a more proactive approach to encouraging wider membership. Any planned action will be presented to the OOG for approval.

**ACTION:** Admin team to seek approval for any action planned regarding new membership drive

1. **Communication and Outreach (HN)**

**Website**

HN had convened a meeting with the website team 2-3 weeks ago. The team is currently looking at top level content found on the first few pages. Some of the website might need rearranging to make processes easier e.g. access to the portal. She has had a volunteer from Natural Resources Canada to help look at the content. She invited others to get involved and contact her if interested. JP and NM will be invited to advise on technical pages.

**Newsletter** – VH sent round the Newsletter a few weeks ago.

**OneGeology impact story ideas**

KR said she was keen to collate Impact stories using different formats e.g. video and infographics, to put onto the website to help promote the value of OneGeology. OneGeology is an international group so she recommended we use visual methods of communication where possible.

**MH offered the following ideas:**

1. OneGeology is one of the first international communities to adopt OGC web standards.
2. Lasting legacy after OneGeology Europe which was effectively the only operational part of OneGeology for several years.
3. OneGeology’s global reach; it provides a home for many people to discuss geoinformation.
4. OneGeology is appreciated by Industry and they were engaged in what we do
5. OneGeology provides engagement through global bodies such as UNESCO, GEO etc
6. Inspire Europe - OneGeology was one of the best organized communities regarding compliance with Inspire
7. The success of the OneGeology launch - there were 1000’s of articles in the global geoscience publications and this interest actually crashed the OneGeology website.

**JP** – John Stevenson from BGS recently did a talk on use of Open Source, showing that first contributions to open source code was through OneGeology / OneGeology services.

**JP** – OneGeology was FAIR complaint long before the concept of FAIR data was defined .

**SH** – suggested using the success of the LOOP project and how important OneGeology had been helping to directly support. LOOP is not only producing methodologies for 3D models, but is supporting a great group of students, adding significantly to the sustainability of people that are involved in our science.

**JV** – sent HN a video he had made of ease with which standardised geoscience data can be added and viewed via the OneGeology portal.

**NM** – has a colleague at BRGM that will be able to help with the infographics if needed when stories have been compiled.

**ACTION:** All to think about and send in Impact stories that help promote OneGeology

1. **Technical Updates (JP/NM)**

**GitHub Licencing:**

* Waiting for code to be released but this has been delayed by BGS due to unavailability of key staff. JP will explore availability of other staff with the necessary Java developer skills for reviewing the code.

ACTION: JP to identify new Java developer to assist in making portal code available

**Portal:**

* A new version of the portal had been released a couple of weeks after the last Operational Group meeting.
* Working on geographic area layer on the portal. Will only have to maintain one keyword not four or five.
* New version of the portal maybe around September / October

**Portal Stats Report:**

* The next portal statistics report will be sent out at the end of the month - around Q2.

**OneGeology Help update**:

* Requests for help using African services in QGIS
* Updates to service URLs for Ukraine, Brazil and Canada (Canadian URL was broken).
* Setting up a monitoring tool to help resolve some issues with broken URLs.
* Support for a commercial user based in France – was using some very old software. Portal upgrade is not working for them – needs to be resolved.
* Requests about downloading data - we’ve got documentation but a youtube video would be good to help
* Downloading data for France and Italy, an academic in USA, mining data from South America, and an academic in Germany.
* Assistance for creating complex GeoSciML feature service from Switzerland
* Andorra have contacted OneGeology after 7 years and would like to set up a service - VH is dealing with this.

**Admin processes:**

* Looking at back office functions and content again which is helping to feed the website and will be part of the development task. Completed most of the work for improving the admin back office for the buddying and involved contact data but need to review and migrate to the BGS intranet.

**TIG update:**

* Last TIG meeting was 20th April with 28 attendees – the biggest ever. First attendance from Ghana and other attendees were from Canada, Italy, Brazil, Norway, Russia, Finland, Poland, UK, Spain, Ireland, South Africa, Austria, Denmark and Greenland, Japan, Korea, US and Germany, Royal Museum for Central Africa based in Belgium and contacts in East Africa.
* Discussion of technical issues
* Service validation
* Demonstration of the new portal and demo of mobile friendly app still in development.
* Discussion of adding support for OGC API services – particularly features – interest from Canada
* Request for support for GEoSciML, again from Canada
* Next TIG is to be arranged
1. **Forthcoming Events & OneGeology Meetings (KR)**
* Next Operational meeting will be in September, VH will sort out shortly.
* Strategic Steering Group meeting in September – TBC
* TIG Meeting - TBC
1. **AOB**
* No other business
1. **Date and Time of next OOG meeting**
* A date and time will be sent out soon.
1. **NEW & OUTSTANDING ACTION LIST**

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| New Actions List: operational meeting #07 |
| ITEM | ACTION | LEAD | DUE DATE |
|  | HN to report to next OOG meeting on status regarding Digital Twin working group | HN | Sept 2021 |
|  | MH to update OOG on ongoing discussion with CGMW and CGI | MH | Ongoing |
|  | Admin team to seek approval for any action planned regarding new membership drive | Admin | Ongoing |
|  | All to think about and send in Impact stories that help promote OneGeology | OOG members | Sept 2021 |
|  | JP to identify new Java developer to assist in making portal code available | JP | Sept 2021 |