

OneGeology Strategic Steering Committee (OSSC) Meeting

DATE: 20 September 2023

LOCATION: TNO Offices, Utrecht, Netherlands

Participant	Organisation
Tirza van Daalen (TD)	Director: Geological Survey of the Netherlands – Chair of OSSC
Anneli Wirtén (AW)	Director General: Geological Survey of Sweden
Koen Verbruggen, (KV)	Director: Geological Survey of Ireland
Lars-Kristian Stolen (LS)	Digital Strategist: Sweden Geological Survey of Sweden
Mashiko Makino (MM)	Assistant Director General: Geological Survey of Japan
Shinji Takarada (ST)	Chief Senior Researcher: Geological Survey of Japan
Teresa Ponce de Leão (TL)	President of the Board of Directors: National Laboratory of Energy and Geology (LNEG)
James Johnson (JJ)	CEO: Geoscience Australia
Christophe Poinssot (CP)	Director: French Geological Survey, BRGM (<i>joined Virtually at the end of the meeting</i>)
In Attendance - Administration	
Garry Baker (GB)	Director of Informatics: British Geological survey
Matt Harrison (MH)	Director Digital Platforms: BRGM
Virginia Hannah (VH)	OneGeology Project Manager: British Geological Survey (Virtually)
Apologies	
Nina Ahtonen	Director: Geological Survey of Finland (GTK)
JongGyu Han	Head of Geoscience Data Centre: Korean Institute of Geoscience and Mineral Resources (KIGAM)
Karen Hanghoj	Director: British Geological Survey

Jenna Shelton

Associate Programme Coordinator- National: USGS

Roberto Kirchheim

Directory for Hydrology and Territorial Management (DHT): The Geological Survey of Brazil (SGB-CPRM)

NOTES AND ACTIONS

1. Welcome and Introductions

TD welcomed everyone to the meeting at TNO and detailed the layout for the day.

2. OneGeology Future Directions

MH gave a presentation to the meeting, which can be found alongside these notes. He outlined what OneGeology had achieved since conception in 2007 in Brighton and the Brighton accord was signed.

MH said that OneGeology still has 12 Principal members, and although we have lost a couple of members, Russia due to the conflict in the Ukraine and Canada deciding to no longer continue their membership.

During the presentation, MH explained how the Digital Twin initiative, that was agreed in Upsala, had not gone as hoped. There had been a successful workshop in 2021, and a few consequential meetings afterwards, but no traction since. We did develop digital twin catalogue which can be found on the OneGeology Website. The Loop project however, is still going strong and very much aligned to OneGeology.

A long discussion took place and each Principal Member representative present, gave a brief outline of their views of OneGeology on reflection, and their vision for development and move forwards in the future. It was clear from these discussions that all were in favour of steering OneGeology in the direction of current global societal challenges to replicate the success of its original mission of creating a seamless digital geological map of the world using standards.

AGREED: The group agreed that OneGeology is still beneficial and all happy to continue to contribute. However, the focus should be on the contribution of OneGeology members to global societal challenges with a particular focus on Climate Action especially decarbonisation and Geohazards. It was agreed to push this forwards in presentations and publicity at the IGC in Busan, in August 2024.

3. Grand Challenges

Discussions took place regarding OneGeology and the grand challenges to it. It was noted that there are several other global research infrastructures and OneGeology have, in the past, tried to connect with them to facilitate partnerships.

KV said we should be targeting groups that take global data and can aggregate it. MH agreed that this is a gap at present. Some initiatives have already looked into this but not got far, so perhaps its something to look at.

KV went onto say that the relationship WCOGS should be looked at again. It is not clear what the group is involved in at the moment or what they are steering towards. He agreed to speak to Daniel Labelle, chair of WCOG, to see if there is some way to collaborate.

MH added that the IUGS secretariat is contributed through the Chinese Geological Survey. The DDE has many organisational members under their umbrella. They are currently creating a 1:5m global map through CGMW, which will be available to OneGeology and all DDE tools are open source. However, there is a governance issue, some of the standards and vocabularies that we rely upon have little sustainability, especially as staff leave organisations, which could see a possible role for OneGeology. There is a big meeting in China in November 2023 which, some of our Principal members have been invited too, perhaps this could be used as a way in.

KV said that we should be encouraging students to get involved in OneGeology. MH agreed and said he will forge a link with EuroGeoSurveys and PanAfGeo to discuss funding opportunities for promoting OneGeology as an educational tool and adding cookbooks to the training list

During the table discussions, it was agreed that we should create a one stop shop of who is doing what in the climate action, decarbonisation and geohazards spaces, within the Principal Membership organisations of OneGeology. We then create a new layer to the existing OneGeology map and pinpoint where these initiatives are taking place.

ACTION 1: KV will speak to WCOGS, Danile Labelle, and report back to the next meeting.

ACTION: MH to speak to the President of IUGS to explore side events at IGC and opportunities aligned with IUGS.

ACTION 2: MH to forge a link with EuroGeoSurveys and PanAfGeo to discuss funding opportunities for promoting OneGeology as an educational tool and adding cookbooks to the training list.

ACTION 3: JJ with support from MH to kick off the development of a paper outlining the position of OneGeology and benefits that members bring to the Climate action space.

4. IGC 2024 OneGeology Session T22 Session 4

MH & TvD are convening a session at IGC 2024: **Topic 22-digital Geosciences for a better Future.**

All members are encouraged to invited staff to submit papers to this session, preferably pointing to the new scientific direction of OneGeology, before the end of February 2024.

OneGeology will host a separate meeting at the IGC, which will be communicated correctly to encourage all directors and relevant stakeholders to attend.

OSSC will prepare a paper to outline the benefits of OneGeology and collaborative working, to present at the OneGeology meeting at IGC.

It was agreed that we will create a road map of things that we need to achieve before the IGC 2024. To enable this the OSSC will meet bi-monthly.

ACTION 4: VH and MH will work with the IGC event organisers to secure a room for this meeting.

ACTION 5: VH to organise bi-monthly meetings of the OSSC.

5. Election update Agree & welcome and handover to new Chair

After the formal process was complete, Anneli Wirtén, was elected the new chair of OneGeology. Everyone welcomed her into her new positions and said they are excited to start

working with her. The group thanked the outgoing Chair, Tirza van Daalen, for all of your hard work leading OneGeology through one of the toughest times globally. Although she has chaired the group since 2019, this was the first and last time she met everyone face-to-face in the capacity as chair.

6. Next Steps for OneGeology

- The group agreed that OneGeology is still beneficial and all happy to continue to contribute. However, the focus should be on the contribution of OneGeology members to global societal challenges with a particular focus on Climate Action especially decarbonisation and Geohazards.
- A new vision statement for OneGeology, with focus on the new agreed global societal challenges being the focus, will be developed.
- We will develop a road map to IGC 2024 outlining what we need have in place before the event.
- We will create new layer to the existing global map on the OneGeology portal with the capability for each principal member to pinpoint areas they have active climate action initiatives. Once this is created Principal Member will be invited to pinpoint their existing relevant projects, to the map.
- A document, outlining the value-proposition of onegeology going forwards and present draft at the next meeting in November for group comment and contribution.
- A statement on Geohazards and why it is so important for these to be included in the OneGeology Vision, will be prepares for agreement by this group.
- We will approach PanAfGeo to discuss funding opportunities for promoting OneGeology as an educational tool and adding cookbooks to the training list.
- We will contact Daniel Labelle to discuss the relationship between WCOG and OneGeology going forwards.
- Everyone to encourage colleagues to submit papers to the session that MH & TD are presenting at the IGC 2024: Topic 22 Digital Geoscience for a better future.
- We will host a OneGeology meeting/event at the IGC 2024.
- We will look at existing marketing materials and what options are open to us currently. The marketing on OneGeology and the new vision has to be a priority.

Action 6: AW to prepare a new vision statement for OneGeology and present draft at the next catch up meeting in November

Action 7: AW & MH to begin work on the road map and present at the next meeting in November.

Action 8: BGS will work on adding a new layer to the existing global map on the portal with the capability for each principal member to pinpoint areas they have active climate action initiatives.

Action 9: Each member to add their climate action projects to the global map once BGS has created the layer.

Action 10: JJ will work on outlining the value-proposition of onegeology going forwards and present draft at the next meeting in November.

Action 11: ST to prepare a stament on Geohazards and why it is so important for these to be included in the OneGeology Vision, and share this around the group for agreement.

Action 12: Everyone to encourage colleagues to submit papers to the session that MH & TD are presenting at the IGC 2024: Topic 22 Digital Geoscience for a better future

7. AOB

Nothing raised

8. Agreements from the meeting

Agreed: Anneli Wirtén SGU, was elected as the new chair of OneGeology.

Agreed: The group agreed that OneGeology is still beneficial and all happy to continue to contribute. However, the focus should be on the contribution of OneGeology members to global societal challenges with a particular focus on Climate Action especially decarbonisation and Geohazards.

Agreed: This group will make a conscious effort to meet bi-monthly in the run up to IGC to create a roadmap of tasks to have in place before the event.

9. Meeting Actions table

DATE	No	DESCRIPTION	LEAD	DEADLINE	STATUS
20/09/2023	1	KV to contact Daniel Labelle to discuss the relationship between WCOG and OneGeology going forwards and report back to the next meeting in November	KV	NOV	OPEN
20/09/2023	2	MH to forge a link with EuroGeoSurveys and PanAfGeo to discuss funding opportunities for promoting OneGeology as an educational tool and adding cookbooks to the training list	MH	NOV	OPEN
20/09/2023	3	JJ with support from MH to kick off the development of a paper outlining the position of OneGeology and benefits that members bring to the Climate action space	JJ	Nov	OPEN
20/09/2023	4	MH/VH will speak to John Ludden and IGC event organisers to discuss best approach for organising a side event at the IGC 24	MH	Nov-23	OPEN
20/09/2023	5	VTH to schedule bi-monthly meetings for this group to meet. Preference is a Monday or Friday as less travelling at these times.	VTH	22/09/2023	CLOSED
20/09/2023	6	AW to prepare a new vision statement for OneGeology and present draft at the next catch up meeting in November	AW	Nov-23	OPEN
20/09/2023	7	AW & MH to begin work on the road map and present at the next meeting in November	MH	Nov-23	OPEN
20/09/2023	8	BGS will work on adding a new layer to the existing global map on the portal with the capability for each principal	GB/VTH	Nov-23	OPEN

		member to pinpoint areas they have active climate action initiatives.			
20/09/2023	9	Each member to add their climate action projects to the global map once BGS has created the layer	ALL	Aug-24	ONGOING
20/09/2023	10	JJ will work on outlining the value-proposition of onegeology going forwards and present draft at the next meeting in November	JJ	Nov-23	OPEN
20/09/2023	11	ST to prepare a statement on Geohazards and why it is so important for these to be included in the OneGeology Vision, and share this around the group for agreement.	ST	Nov-23	OPEN
20/09/2023	12	Everyone to encourage colleagues to submit papers to the session that MH & TD are presenting at the IGC 2024: Topic 22 Digital Geoscience for a better future	ALL	Feb-24	ONGOING

10. Date of next meeting

TBC