

# SCOR WG #168: 4D-BGC

## Year 1, Meeting 2 (M1.2)

### May 3, 2024 - Virtual

### Meeting Minutes

**Participants:** Jon Sharp, Raphaëlle Sauzéde, Nicolas Mayot, Adam Stoer, Andrea Rochner, Laique Djeutchouang, Siv Lauvset, Tobias Ehmen, Haimanti Biswas, Cunjin Xue, Xiaogang Xing, Louise Delaigue, and Alexandre Mignot

#### **Minutes:**

- 0:00 Meeting Introduction (Jon)
- 0:01 Attendee Introductions (All)
- 0:16 Jon asked about model assimilation of observation-based data products, answered by Andrea and Alexandre: Mercator will be assimilating CMEMS machine-learning based estimates of alkalinity and dissolved inorganic carbon
- 0:19 Review of breakout group survey (Jon)  
Significant interest in
- 0:31 Raphaëlle mentioned that data product archive group could be merged with synthesis paper group
- 0:33 Talked about form to collect information for product archive, and the preliminary
- 0:34 Haimanti mentioned that breaking into too many subgroups, especially groups with people of similar interests, will restrict the ability to learn from one another
- 0:35 Haimanti mentioned that capacity building is an area where breaking into subgroups will not be as detrimental
- 0:37 Is the breakout group approach a good way to make progress toward the group's goals?  
Nico: yes smaller groups make it easier to set up meetings and work together, setting up a timeline for each group's goals will be beneficial
- 0:39 Raphaëlle mentioned that synthesis paper is a midway step in working group, not the last, so we should start working on it soon
- 0:40 Tobias asked about timeline for writing the paper and setting up breakout groups  
Jon answered that we want to start this work as soon as possible, especially in regard to the data product archive  
Raphaëlle said it would be great to have the archive done by October for ADMT
- 0:44 Discussed meeting frequency, how to structure meetings  
Haimanti mentioned that we can have two meetings each month, for example, to cater to different time zones
- 0:47 Haimanti suggested setting up a group website  
Raphaëlle said we can post meeting schedule, etc. on website
- 0:51 Louise shared a Gantt chart example for tracking progress of different tasks  
Siv suggested setting up a chart like this in Google sheets
- 0:54 Raphaëlle asked we deal with breakout groups that interest many people

- Siv suggested Jon and Raphaëlle coordinate the synthesis paper with participation from everyone
- 0:57 Discussed how to pull in external members  
Adam suggested targeted emails is the best option  
Raphaëlle encouraged members to not hesitate to invite outside participants and suggested that we can start a google sheet to collect names  
Jon clarified the membership stipulation that only those on the SCOR proposal can receive funding to travel to group activities  
Raphaëlle mentioned disseminating group updates through the BGC argo mailing list and perhaps having annual webinars to update community on WG progress
- 1:06 Discussed team communication channel  
Zoom has an option for team communication channels  
Free option of Slack deletes messages after 90 days  
Yammer, Discord also brought up as options  
Jon suggested we try to set something up, and see if it gets traction
- 1:11 Discussed plan for next in-person meeting  
Likely plan something around OSM in Glasgow in 2026  
Suggestions for 2025:  
Nico suggested EGU in mid-April (Vienna)  
Raphaëlle mentioned it may be wise to look to somewhere outside of Europe  
Siv suggested IMBer Future Oceans in March (somewhere)  
SOLAS conference in November 2024 (Goa)  
Haimanti suggested that EGU could be good because lots of people participate and it's easy to travel there  
Haimanti mentioned some folks might have to determine CO2 emissions, so centralized is good
- 1:17 Discussed possible capacity development activities  
Raphaëlle suggested that once archive is set up we can share with the community information about the available products  
Haimanti suggested that online webinars in different categories would be valuable and targeting by country would be valuable  
Jon mentioned that data access will be a critical part of capacity development  
Raphaëlle and Hayley had previously discussed opportunity to integrate our capacity development ideas into IOCCG training course in India  
Andrea mentioned that UKMO is trialing learning sessions over the summer and will provide insight from her experience organizing those
- 1:24 Group picture
- 1:25 Wrap-up, we will follow up with email about establishing breakout group membership, along with additional items  
Siv mentioned that IQuOD meetings rotate time zones for meetings  
Tobias reminded us to ensure new participants in WG are included on email list  
Raphaëlle said she will send out another test email to the listserv
- 1:29 Laique asked about form for collection of product information, Jon and Raphaëlle will send the form out again for input