

2013 GEOTRACES SSC MEETING

October 2013

List of action items

Completed items are ~~crossed-out~~

1. **Action: Maeve** to send the Shelf-Sea Process Study cruise information to the IPO as soon as available.
2. **Action: Elena and Maite** to update the GEOTRACES web site as follows:
 - Re-label the existing BioGEOTRACES page as “Biological parameters”.
 - Include a section on BioGEOTRACES, as at present describing the three specific BioGEOTRACES projects. Add a section, written by Maite, that says that biology is important and that many cruises have biological measurements.
 - List Maite as only contact on this page

Action: Ed Mawji and Maite to assess what biological data can be included in GDAC in the long term.

- Provisionally only pigments, and not functional genes or flow cytometry data.
 - Then accept pigment data (but encourage people to submit it without requiring chasing).
 - Label data as “not intercalibrated” on GDAC.
3. **Action:** (As time allows) **Maite** to contact GEOTRACES cruise PIs to get short summaries of any biological measurements made on GEOTRACES cruises and send them to Ed M.
 4. **Action:** (As time allows) **Ed Mawji** to add summary information about biological data to cruises on GDAC. This will consist of a link for each cruise with a short summary of any biological measurements made on that cruise.
 5. **Action:** (As time allows) **Maite, Ed Mawji and Elena** to design a system to allow people to search for terms such as “N₂ fixation” to find which cruises have done which biological measurements. This could be extended to non-biological measurements as well (physics, atmospheric, etc.). To be clear, there is no suggestion to accept or store data for these parameters, only that a website visitor can find the names and locations of cruises that have made each measurement.
 6. **Action: ~~Elena to add a quick link to the Analytical Expertise database.~~**
 7. **Action: Elena** to add a zoom or a clickable list of nations to make it easier to find small nations in the interactive map available on the GEOTRACES web site.
 8. **Action: SSC members** to send science highlights to the IPO.
 9. **Action: SSC members** to send information about national events to the IPO (especially about national workshops and meetings). Information can be sent by a simple e-mail with the meeting title, dates and location. (Other information such as agenda and list of participants is also welcome).
 10. **Action: SSC members** to send material to the IPO for the public outreach page and also for material for the SSC resource web page (educational materials, lectures, presentations, etc.).
 11. **Action: SSC members** to encourage investigators in their nation to register to the GEOTRACES Researchers Analytical Expertise database.

12. **Action: Elena** to put the instructions on how to download and use the Mendeley Desktop on the GEOTRACES site. Send the URL (link) to SSC members when the instructions are posted.
13. **Action: Elena** to replace “competence” for “expertise” in the slide to be sent to convenors.
14. **Action: Elena** to send the slide advertising the programme to all convenors of GEOTRACES special sessions at international conferences.
15. **Action: SSC members** to submit images and videos to be placed on the web site. Cruise photos. Data sections. Even better, results showing impact for other fields of having knowledge of TEI biogeochemistry. Include a caption if appropriate. Provide credits for photographers and approval for general use in the image so there are no after-the-fact questions about copyright.
16. **Action: SSC members** to inform the IPO of presentations done in other programmes or international conferences or institutions.
17. **Action: Hein and Andy** to update the thesis chapter with some new data (unless they decide that the information is not sufficiently new) and submit the paper.
18. **Action: SSC members** to contact Ed Urban to get the NSF grant number to include it in the acknowledgements of publications funded by NSF support to the GEOTRACES SSC, its subcommittees, GDAC, and the IPO.
19. **Action: Ed Urban** to provide NSF grant number to Catherine so that it could be included in the acknowledgements of the Data Model Workshop paper. Also send it to Bob to be included in the *Oceanography* paper.
20. **Action: Gideon** to send a sentence to Catherine regarding the COST funding to be added to the Data Model Workshop papers.
21. **Action: IPO** to send an email to the GEOTRACES mailing list inviting scientists to become members of the Geochemical Society.
22. **Action: SSC members** to consider participating to the forthcoming Goldschmidt Conference in California in June 2014.
23. **Action: Catherine** to contact the Geochemical Society to suggest a volume of *Elements Magazine* on the research themes in GEOTRACES.
24. **Action: Reiner** to make sure that the sample locations are visible in the eGEOTRACES gallery plots.
25. **Action: SSC members** to emphasize to all PIs that they should compare data from crossover stations before the data are submitted to the S&I Committee.
26. **Action: SSC members** to recommend to cruise leaders to build crossover stations into station plans.
27. **Action: Ed Mawji** to start informing investigators of the appropriate people to compare data with as soon as the cruise participants and the TEIs they are scheduled to measure are identified in the pre-cruise metadata.
28. **Action: S&I Committee** to write a brief summary of the process to compare results at crossover stations to be included in the IDP. Summarize the average level of agreement below the top layer

of the water column affected by seasonal variability for each TEI in a table (include percentage variability rather than qualitative statements). Also include a single graph illustrating the process for educational purposes.

29. **Action: SSC chairs** to send thank-you letters to Roger François and Lou Codispoti for their services.
30. **Action: Greg** to approach Lothar Stramma to see if he would like to join the S&I Committee.
31. **Action: S&I Committee** to provide dates for the forthcoming meeting to the IPO as soon as they are fixed.
32. **Action: IPO** to prepare one-page document for cruise leaders, summarizing the recommendations for a cruise to be designed as section cruise.
33. **Action: S&I Committee** to provide Hein de Baar with a list of people interested in intercalibration, and of “heroes” willing to help.
34. **Action: Ed Mawji** to provide examples of how data need to be provided.
35. **Action: Maeve** to provide good examples of how metadata need to be submitted.
36. **Action: SSC members** to provide data as complete as possible to GDAC and remind colleagues to do so as well.
37. **Action: SSC members** to send IPO names of organizations or e-mail lists to publicize the Town Hall and IDP release.
38. **Action: Elena** to staff the booth at Ocean Science 2014.
- ~~39. **Action: Ed Urban** to coordinate the booth and see what material could be displayed (ideally, a large touch screen) and find out about the cost.~~
40. **Action: S&I Committee** to consider the feasibility to check complete section data sets (from IDP) and bring their decision back at the next SSC meeting.
41. **Action: Jing** to prepare a list of samples for which help is needed on Japanese cruises to the Executive Committee, who will help in finding analysts.
42. **Action: Catherine** to organize a working group to review the Indian Ocean Plan. This group to include Alakendra Roychoudury, Eric Achtenberg, Martin Frank, Gideon Henderson, Katharina Pahnke, Maeve Lohan, Geraldine Sarthou, Alessandro Tagliabue, Sunil Singh and Andy Bowie. As well as, the GEOTRACES Executive Committee and Ed M.
- ~~43. **Action: Bob** to provide to Boaz Luz information about PIs for forthcoming cruises.~~
44. **Action: IPO** to include in the recommendations for the cruise leaders that they contact the IPO to ask if there are any investigators studying new tracers who are looking for cruises.
45. **Action: Ed Urban** to distribute the national contributions Excel file and all **SSC members** to check/correct/add to the national contributions shown.

46. **Action: SSC co-chairs** to write a letter of support for Tung-Yuan's request to purchase a Kevlar cable.
47. ~~**Action: Elena** to write a draft text about SCOR funding possibilities for capacity building and send it to Ed Urban. Once approved, IPO to send the message to LA national representatives.~~
48. **Action: Elena** to update the GEOTRACES poster for COLACMAR 2013.
49. **Action: SSC co-chairs** to prepare a letter of support to Angela for the new research vessel.
50. **Action: Gideon** to set up a committee to prepare a combined Atlantic Synthesis workshop with focused thematic sessions. The core of it is the IDP data but other data can also be included. The Committee to include as well Alessandro Tagliabue, Maeve Lohan, Geraldine Sarthou, Ed Boyle, Bob Anderson, Olivier Marchal, Chris Measures and Micha Rijkenberg (and the IPO).
51. ~~**Action: Gideon** to incorporate SSC suggestions in the draft of the download agreement and circulate it to SSC members for final approval.~~
52. **Action: IPO** to send the slide presenting the GEOTRACES Programme to convenors of GEOTRACES-related sessions at Ocean Science 2014.
53. ~~**Action: Ed Boyle** to contact Ken Bruland to ask about the opinion of Vanessa Hatje.~~
54. **Action: SSC co-chairs** to collect proposals on other Latin American candidates and decide about LA membership.
55. **Action: SSC co-chairs** to send a thank-you letter to Chris Measures (when he steps down).
56. **Action: Chris** to contact Bill Jenkins to clarify if he would like to continue as a DMC member.
57. ~~**Action: Alessandro** to approach Laurent Bopp to become regular member of the DMC.~~
58. ~~**Action: Ed Urban and Elena** to prepare a budget for hosting the meeting in South Africa.~~
59. **Action: Roy** to send possible dates to Elena with description of advantages and disadvantages of each option.
60. **Action: Elena** to set up a doodle poll to query about the 2014 SSC meeting dates.
61. ~~**Action: Ed Urban** to send a thank you letter to Ralf Tiedemann.~~

SSC decisions and recommendations:

1. **Recommendation:** SSC recommends that the Canadian cruises to include size-fractionated particles and aerosols, if possible.
2. **Recommendation:** SSC recommends that the Japanese cruise KH-14-10 along GEOTRACES sections GP18-GP10-GP19 have a resolution of 5 degrees, as the GEOTRACES sampling at 5 degree resolution has shown that some features would be difficult to characterize at further spacing.
3. **Recommendation:** Future cruises need to follow the GO-SHIP protocols.

4. **Decision:** SSC approved Tina van de Flierdt and Karen Casciotti to become the newest S&I Committee members, replacing Lou Codispoti and Roger François.
5. **Decision:** SSC approved S&I Committee recommendation to invite Lothar Stramma to become regular member of the S&I Committee.
6. **Recommendation:** When planning sections the resolution is very important. Results from the Atlantic sections show that a resolution of at least 5 degrees is needed to resolve important features in TEI biogeochemistry.
7. **Decision:** Berths/Sampling requests – People interested in getting samples or berths from GEOTRACES cruises should contact the IPO. The IPO will then distribute the requests to cruise leaders or forward the request to the Executive Committee to help identify the appropriate person/cruise.
8. **Decision:** Training requests - Requests for training need to be sent to the IPO. They need to include a CV. The IPO will then distribute the requests to potential labs.
9. **Decision:** Process to approve GEOTRACES Process Studies – Request for a process study that arrives out of cycle (i.e., which needs to be reviewed prior to the next SSC meeting) to be submitted to the IPO, which will then send it to the SSC co-chairs. SSC co-chairs to direct the requests to a few experts in the field of the proposed process study for review. The IPO will later send the request to all SSC members to could provide feedback. GDAC and the chair of the S&I Committee should be copied on all requests for a process study. The goal is to provide a final response to a request for a process study within two weeks.
10. **Decision:** SSC approved Taiwanese cruises in 2013 and 2014 as a (multiple-cruise) process study.
11. **Decision:** SSC approved Canadian Line-P Programme as Process Study and encourages Canadians to add the full suite of key parameters to make a full section at least once. – Note: This involves future cruises. Historical data could be linked but should not labelled as a process study.
12. **Recommendation:** SSC recommends that SCOR reappoint Maeve Lohan, Jordi Garcia-Orellana, Maite Maldonado and David Turner, as SSC members for another three years.
13. **Recommendation:** SSC recommends that SCOR reappoint Ed Boyle as co-chair for another three years.
14. **Decision:** SSC approved Alessandro Tagliabue as replacement for Chris Measures as DMC co-chair after the IDP release in Spring 2014.
15. **Decision:** SSC approved DMC recommendation to invite Laurent Bopp to become regular member of the DMC.
16. **Decision:** Compliant data requests - IPO to send the S&I Committee any proposal for compliant data so that the S&I can resolve intercomparison issues in advance.
17. **Decision:** 2014 SSC meeting to be hosted in South Africa in 2014 and in Canada (Vancouver) in November 2015.