

**2014 GEOTRACES SSC MEETING**  
**October 2014**  
**List of action items and decisions**

**Action items:**

1. **Action:** SCOR and SSC co-chairs to write letter of support to NRF complimenting them on the wonderful ship and showing how valuable it would be to have more access for science.
2. **Action:** Maite to draft an e-mail, to be reviewed by the SSC, encouraging submission of BioGEOTRACES data to GDAC. In the e-mail Maite will emphasize simple datasets.
3. **Action:** SSC members to send any outreach and education materials to the IPO to be posted on the site.
4. **Action:** Reiner to submit an abstract for a presentation at SOLAS Open Science meeting (September 7-11 2015 in Kiel). Abstract deadline is 27 May 2015.
5. **Action:** Bob Anderson to ask Keith Moore, who is a keynote speaker on atmospheric deposition at the SOLAS Open Science meeting to include a plug about IDP2014.
6. **Action:** SSC members: Inform their national GEOTRACES communities that when submitting a publication, to indicate whether it is IDP2014 related and, if so, to specify the parameter(s) and the cruise(s) involved.
7. **Action:** SSC to screen for GEOTRACES-related publications and send them to the IPO. SSC members to encourage colleagues to put GEOTRACES in the keyword, abstract and/or title.
8. **Action:** IPO to regularly remind SSC representatives to screen for publications (each 6 months).
9. **Action:** IPO to prepare a description about the GEOTRACES researchers analytical expertise database and send it to Vanessa Hatje.
10. **Action:** IPO to create a list of in-situ pumps that can be borrowed and post it on the GEOTRACES site (available to SSC members only).
11. **Action:** Carlos Rocha to be replaced by Peter Croot as national representative for Ireland. Christoph Heinze to be replaced by Kuria Ndungu for Norway.
12. **Action:** IPO to send thank you/welcome letters to national representative, as correspondence.
13. **Action:** IPO to provide a list of national representatives and whether or not they provided an annual report. SSC to discuss whether another person should be appointed.
14. **Action:** For SSC that know about potential national representatives for new countries to send the name and contact details to the IPO.
15. **Action:** SSC members to notify the IPO as soon as preparations for a special volume start.
16. **Action:** Ed Boyle to ask DSR-II editor for the cost of about 100 hard copies.

17. **Action:** David Turner and Ed Urban to work on putting together a paper at IUPAC's *Chemistry International*.
18. **Action:** Bob, Catherine and Roy to work on preparing a manuscript for the SA Geological Society Bulletin.
19. **Action:** IPO to post an eGEOTRACES's 3D scene on the Twitter site « Amazing Maps ».
20. **Action:** For SSC members to read the EU-US-Canada North Atlantic Science Plan and submit comments to [hbenway@whoi.edu](mailto:hbenway@whoi.edu) before 17 October.
21. **Action:** SSC members to include in their presentations about GEOTRACES a slide about the future to show where the program is going.
22. **Action:** Bob Anderson to send the OCB evaluation criteria to the IPO to be posted on the site.
23. **Action:** SSC members to read the OCB evaluation criteria available on the GEOTRACES private site (<http://www.geotraces.org/resources-ssc/lectures/969-geotraces-programme-evaluation>), keep them in mind and in GEOTRACES talks show that GEOTRACES is doing well on these criteria.
24. **Action:** SSC members to send to the IPO any local article about GEOTRACES published in the press (newsletters, etc.). Also sent any idea about how to improve outreach.
25. **Action:** Greg Cutter to send the cookbook to IPO to be sent to all SSC members to allow on-site discussion.
26. **Action:** S&I Committee to invite one representative of the Hg intercalibration in the committee.
27. **Action:** SSC members to encourage colleagues to submit results from SAFE/GEOTRACES standards to Ken Bruland.
28. **Action:** Maeve to keep SSC and Kathy Barbeau, Seth John and Jim Moffet updated about the results of the EU project proposal that includes funding to collect seawater samples. If the EU proposal is approved, UK and US scientists to coordinate their efforts.
29. **Action:** IPO to add more explicitly the intercalibration criteria in the process studies criteria document (hyperlink to the procedures).
30. **Action:** S&I Committee to study process studies case by case and decide how could be intercalibrated.
31. **Action:** Geraldine and Maite to interact about the crossover and sent the information to S&I Committee, GDAC and IPO.
32. **Action:** DMC co-chairs to contact PI that are delinquent in sending data to GDAC. For those scientists not submitting data to GDAC after being contacted by DMC co-chairs, DMC co-chairs to report to the SSC to consider removing from the web sites.
33. **Action:** IPO to review the criteria for GEOTRACES cruise sections and post them on the site. IPO to review process studies criteria so that they are in accordance with the criteria agreed for section cruises.
34. **Action:** Ed Mawji to update the Japanese GI04 cruise on the Indian map and IPO's web site map. Decision was for Japanese (GI04) cruise to be represented as solid line

from E5 to E9 (5°S) stations and then to put as a dashed line until E14 (38°S). Disconnect the 62S point from the rest and show it as an isolated point. This applies as well to the station at the east.

35. **Action:** SSC co-chairs (cc GDAC and IPO) to send the GEOTRACES section criteria to Sunil and ask them to prove the compliance for GI01 and GI03 cruises.
36. **Action:** Ed Urban to contact *Oceanography magazine* to see if an article of the IDP description with some science highlights, including the dataset could be published. Also see if they can deal with the authorship (so include GEOTRACES group as author and all the authors in the annex).
37. **Action:** Gideon to contact *EPSL* to see if an article of the IDP description with some science highlights, including the dataset could be published. And also, to see if they can deal with the authorship (so include GEOTRACES group as author and all the authors in the annex).
38. **Action:** Alessandro and David to contact *Marine Chemistry* magazine to see if an article of the IDP description with some science highlights, including the dataset could be published. And also, to see if they can deal with the authorship (so include GEOTRACES group as author and all the authors in the annex).
39. **Action:** Katharina to inform GI06 chief scientists that they should collect replicate samples.
40. **Action:** SSC co-chairs to send the section cruise criteria to the GI06 chief scientists.
41. **Action:** David and Alessandro to follow with Marine Chemistry and verify that all data contributors could be included as co-authors when the paper is cited.
42. **Action:** Maeve and Greg revert the S&I procedures in a more “obligatory” document and add all comments and send it around to SSC for approval. IPO to put the approved procedures on the GEOTRACES web site.
43. **Action:** IPO to review ToR and send it to SCOR for comments.
44. **Action:** Tung-Yuan to explore the possibility to make the GP07 as section cruise
45. **Action:** Yoshiki, Jing and Hajime to organize an Asian cruise planning workshop at Goldschmidt 2016.
46. **Action:** Vanessa Hatje to contact CAPES to set the programme fellowships.
47. **Action:** SSC co-chairs and SCOR to send a letter of support to Vanessa.
48. **Action:** Vanessa to send a paragraph to the IPO, to be distributed by the SSC. SSC members to share this information with the national committees and compile information about those laboratories interested in hosting Brazilian students to be sent to the IPO.
49. **Action:** Micha to check if the NIOZ funding for GEOTRACES could be extended.
50. **Action:** SSC members who cover GEOTRACES related expenses from own sources (e.g cover own travel to SSC, etc.) to send the information to Ed Urban.
51. **Action:** Maeve to send the stations from the Shelf Sea to Micha (or Caroline Slomp) look for crossover within ViciFe and Shelf Seas process studies.
52. **Action:** IPO to send the intercalibration procedures to all PI from process studies.

53. **Action:** Micha and Jordi to send coordinates of stations of their cruises to Geraldine to determine whether crossover station with PEACeTIME process study are possible.
54. **Action:** Geraldine to contact the PEACeTIME principal investigator and recommend: 1) that PIs get SAFE/GEOTRACES samples and analyze them for quality control, 2) occupy crossover stations if possible, 3) collect duplicate samples for intercalibration even if a crossover station is occupied.
55. **Action:** IPO to send Geraldine a letter from approval from co-chairs for PEACeTIME process study.
56. **Action:** Katharina to seek possibilities to convert UltraPac process study into a section cruise by adding more parameters and borrowing a clean sampling system to allow sampling over the full water column.
57. **Action:** Katharina to collaborate with Australian and Japanese SSC members to set crossover station for UltraPac process study with GP13 and GP19.
58. **Action:** Pinghe and Jing to contact UK and France to see if a clean rosette and winch can be borrowed.
59. **Action:** Jing to interact with Katharina to get coordinates to set a crossover station for KH-15-4.
60. **Action:** The SSC member who presented each process study to inform PIs of the process studies informally of the SSC decision. IPO to send a formal approval letter to the PIs, which includes the intercalibration procedures and also states the expectation that the PIs will provide Ed Mawji with cruise information as soon as the cruise is funded.
61. **Action:** Bob Anderson to inform OCB about the Royal Society Workshop and ask if they would co-support travel for some non-GEOTRACES people to attend the Workshop. Also explore the possibility that OCB would co-support a day at an OCB meeting devoted to TEI internal and provide facilities for 1.5 days of additional workshop at WHOI (Thursday afternoon and Friday) for core people to further synthesis and outlining future synthesis papers.
62. **Action:** Bob Anderson to report the US SSC about the Royal Society Workshop and the partnership with OCB and ask for input.
63. **Action:** Catherine and Andy to organize the Indian Ocean Planning Workshop and make sure that (1) the relevant countries are involved and (2) that physical oceanographers and may be someone with a southern ocean perspective are also involved.
64. **Action:** SSC chairs to invite Liping Zhou and Hajime Obata to serve the GEOTRACES SSC.
65. **Action:** SCOR to send thank you letters to Yoshiki Sohrin and Pinghe Cai.
66. **Action:** IPO prepare nominations to SCOR.
67. **Action:** DMC co-chairs to contact Bill Landing and invite him to serve the DMC.
68. **Action:** DMC co-chairs to thank Bill Jenkins.
69. **Action:** IPO to prepare a budget for hosting the meeting in Vancouver.
70. **Action:** IPO to set up a doodle poll to query about the 2015 SSC meeting dates.

## SSC decisions:

1. **Decision:** GEOTRACES requires intercalibration, and recommends use of SAFe and GEOTRACES standards for those TEIs for which consensus values are available, but allows for other routes to trace accuracy of data, to be defined by the analyst.
2. **Decision:** SSC agrees on releasing next IDP at Goldschmidt 2017 with time line as follows: 1 December 2016 for data to be submitted to the S&I Committee, 1 March 2017 for data to be submitted at GDAC.
3. **Decision:** For compliant data, provide (1) metadata and (2) temperature and salinity at the depths of the TEI sampling. Nutrients and oxygen are also desirable.
4. **Decision:** Chief Scientists must obtain SSC approval before submitting a proposal to a funding agency for a cruise that is called a GEOTRACES section cruise in the proposal. Proposals should be submitted to the IPO at least 2 months in advance of the submission deadline for the proposal requesting support for a section cruise.
5. **Decision:** Japanese (GI04) cruise to be represented as solid line from E5 to E9 (5°S) stations and then to put as a dashed line until E14 (38°S. Disconnect the 62S point from the rest and show it as an isolated point. This applies as well to the station at the east.
6. **Decision:** SSC approved the German Indian cruise as GI06 section.
7. **Decision:** SSC approved ViciFe cruises as two process studies.
8. **Decision:** SSC approved RidgeMix cruise as process study.
9. **Decision:** SSC approved PEACeTIME as process study.
10. **Decision:** SSC approved UltraPac as process study but pending whether it could be converted as section cruise.
11. **Decision:** SSC approved KH-15-4 as process study.
12. **Decision:** SSC to propose SCOR: (1) Tung-Yuan Ho, Phoebe Lam, Katharina Pahnke, Micha Rijkenberg, Alakendra Roychoudhury and Geraldine Sarthou be renewed for a second 3-year term. (2) Pinghe Cai and Yoshiski Sohrin to rotate off and propose Liping Zhou and Hajime Obata to rotate in.
13. **Decision:** SSC agreed for DMC to invite Bill Landing as new member of the DMC.
14. **Decision:** Maeve Lohan is appointed as co-chair of the S&I Committee.