Minutes of SC meeting  
29-30 June 2011  
Geneva

Present: Éamonn Ó Tuama, Brad Reed, Michael Williams, Anne Larigauderie, Woody Turner, Terry Parr, Gary Geller, Norbert Jürgens, Michele Walters, Bob Scholes, Kirsten Thonienie (partly), Mike Hoffmann, Jaime Garcia-Moreno, Trevor Platt, Henrique Pereira, Sheila Vergara, Marc Paganini, Xavier Le Roux, Rob Jongman, Martin Wegmann (partly)  
Apologies: Roger Sayre, Georgina Mace, Hal Mooney, Jan de Leeuw, Carlo Heip, Dora Canhos, Robert Höft, Matt, Jon Hutton, Dan Faith, Simon Ferrier, Simon Stuart, Nick King, Len Hirsch

Agenda Additions: AHTEG meeting feedback by Henrique and Matt  
The Minutes of 2010 SC in Cambridge were accepted.

GEO workplan structure has changed to a target based rather than activity based approach. The GEO strategic targets document is driving the new workplan and activities are being organised around the targets. Workplan has been streamlined to include 26 tasks with various activities/components falling under each of those. The former invasive species task is to become part of the GEO BON activities so the invasive species community should be engaged. The review period for the draft document is now till August 31st.

Action: Michele will send out a reminder for comments on the draft GEO work-plan towards the end of July with mid August deadline. Attention needs to be paid to the Ecosystems SBA activities (as well as other relevant ones) to see where significant overlaps occur and where activities could potentially fall under GEO BON instead. Need to make direct contact with Brad on any issues (cc Michele).

ipBES is currently in the design phase. Implementation is planned for 2012 (2013). Program of work for ipBES has 4 components: Catalyze Knowledge Generation; Assessments; Policy Support and Implementation; Capacity Building. There is a meeting at the end of July in Tokyo on approaches to assessment. No specific action is required from GEO BON right now.

The Guidelines for Regional BONs was discussed and will be amended to reflect the consensus reached by the SC. It was decided that there will be some form of application process and potential BONs will have to supply an implementation plan or summary thereof. Final approval lies with the SC.  
There were updates on status of current and evolving Regional BONs i.e. AP BON, ACB, Africa BON, Amazon-Andes BON

Action: Gary will revise the Guidelines for Regional BONs for finalisation.

Funding: The Department of Science and Technology of South Africa has agreed to provide support for the GEO BON office for the next 3 years, but the FP7 call is our most promising source of significant funding at the moment. The FP7 EGIDA project (S&T) might be able to give some funds as they provide support for activities that foster cooperation. Biodiversa is a network of funding agencies for biodiversity research in France (co-ordinated by Xavier), of which some are open to discuss infrastructure in Europe. Several agencies will also be willing to support shared guidelines for
observatories now. The Japanese pledged some money after COP. Bob will try to start that discussion at the ipBES meeting in Tokyo in July. The ESA is starting a project on inland waters, drylands, coral reefs (3 million euros for biodiversity). How do we fit it in with GEO BON activities?

**Actions:** Gary and Woody will chat to their Japanese contact before Bob and Henrique go to the ipBES meeting in Tokyo. Bob to follow up on Japanese funding.

The FP7 call to upgrade EBONE to GEO BON would provide 12 million euros (9 million EC contribution and 2-3 million own contribution from partners) to be used for assessment of global biodiversity resources, and support of GEO BON implementation. Rob is the PI and drafting the proposal. The University of Zurich might be trying to put in a competing proposal. Focus of Rob’s proposal: 1) In-situ observations integrated with RS measurements for monitoring biodiversity. 2) Developing national BONs in the EU. Point 1 holds more weight. SME’s need to be involved. Decisions need to be made about what is going into the proposal as the money won’t cover everything and also who the partners and stakeholders are. The call opens 20 July. The 1st stage involves the delivery of a 15 page proposal due 20 October 2011 focusing on science and impact. The 2nd phase relates to the work plan and proposed consortium with a deadline of 15th February. The project, if successful, will start in autumn 2012. The next meeting is on 4 July in Wageningen with European partners. Rob, Matt, Henrique, Xavier and perhaps Jaime will be at the meeting. A second meeting will be held the week after that in Cambridge. Rob will need help writing the proposal but will provide a first draft. He needs advice on good partners to include. Potential partners should be notified in two weeks from now.

**Actions:** Rob will provide Bob with the name of a contact person so he can ask the EU what role GEO BON should take in this process and about conflict of interest issues. Rob to find clarification around what can be considered an SME as referred to in the FP7 proposal guidelines. Kirsten to flag the Ecosystem Services call to WG6 for alignment or approach consortium for more alignment with WG6. **Rob to provide a draft proposal when it’s ready (and inform on how we should help?)**

The GEO director José Achache said a few words at the meeting. He pointed out that GEO BON demonstrates the added value of GEO and is a flagship for them. He informed us that the GEO Forest Carbon Tracking activity was developing into the Global Forest Observation Initiative (GFOI) and at plenary it was decided that it should include not only carbon but also biodiversity conservation and ecosystem services monitoring. There are thus ways to engage in more cross-cutting activities. He supported the idea of engaging national governments as that is what GEO does. GEO BON itself cannot enter into any MoUs but should we wish to sign a MoU, he pointed out that GEO has some recognition and can enter into an MoU on behalf of GEO Sec and GEO BON. GEO Sec has, for instance, recently signed a MoU with CBD Sec. He encourages us to use GEO as a tool as we are a part of the bigger organisation and GEO is happy to help. He further expressed willingness to sign an endorsement letter for the FP7 proposal should we want one.

Working group leads or representatives provided updates. Michele presented on behalf of WG1 and WG7. Jaime presented on behalf of WG4, Trevor on behalf of WG5 and Kirsten on behalf of WG6. The group provided feedback and comments as follows:
WG1: GBIF science committee tasked GBIF to investigate genetic diversity as related to them and they want an advisory group. The Genomics Standards Consortium (GSC) has already initiated some workshops to look at this and to relate their standards. Éamonn is involved and making their data interoperable and integrating standards. GSC will sample worldwide micro biomes and look at diversity. There will be a meeting in China next year. The EBV exercise had very little genetics elements in it and this should be corrected by providing input to Henrique. It is suggested that more progress should be made linking with appropriate big databases e.g. zoos etc.

**Actions:** Éamonn will report back to Dan on progress with the GBIF genetics work and inform him about the GSC micro-biome sampling and the meeting in China next year. **WG1 should provide more input to the EBVs.**

WG2: WG2 needs to expand taxonomic and spatial sampling of terrestrial species. They are organising a workshop in 2012 on integrating biodiversity monitoring with environmental impact assessments. Their biggest challenge is finding opportunities to assist with or start monitoring programs in gap regions. They would like to have workshops in SE Asia, Sub-Saharan African and South America to bring people with an interest in monitoring together. Norbert will link with WG 2 with regards to his BIOTA work.

**Action:** Norbert to establish links with Henrique.

WG3: This WG requires refreshment. There are expectations that this group will be monitoring ecosystem change and Rob indicated that they are working with CEOS and GOFC-GOLD to do this. GEO will be offering global land cover change products using 2010 as a baseline for 6 (e.g. water woody vegetation, grassland etc.) continuous field variables. This will be done annually at 30m resolution. Every 5 years a land cover class change product will be produced – approx. 20 classes will be used. The Chinese are also doing this and the two groups are trying to work together. WG3 should be tied into this somehow. There seems to be a worry around the current ecosystem mapping work being done by various groups and whether there will be convergence. Rob assured the committee that they are working together with Roger Sayre for convergence around ecosystem classification. GEO BON needs to properly engage with CEOS and other agencies for what the biodiversity community needs from space. This is important to many WGs and it is time to prioritise it. Norbert will link with WG 3 with regards to his BIOTA work.

**Actions:** GEO BON needs to engage the space community. Norbert to establish links with Rob.

WG4: Jaime explained that WG4 has been approached by Ramsar to develop a Global Wetlands Observing System (G-WOS). WG4 also has a new member from Wetlands International (WI) because Jaime has left and WI still wants to stay involved. In a meeting in February in Montserrat there was a decision to create a freshwater consortium. WG4 has been working with WG7 on mapping of freshwater biodiversity and with WG8, BioFresh and others, on a freshwater biodiversity data framework. WG4 should feel free to ask for help from the rest of GEO BON and also from GEO. The freshwater WG needs to provide more input to the EBV initiative.

**Action:** WG4 should provide more input to the EBVs.

WG5: Trevor spoke to the topic on behalf of POGO. At the IOC assembly a resolution on marine biodiversity in areas beyond national jurisdiction was made and the IOC requested a meeting of international experts be convened to synthesize current research and make the outcome available
to UN sec. and other bodies. The creation of a world association of marine stations (WAMS) is underway. The continuous Plankton Recorder will be celebrating its 80th anniversary with a symposium at SAHFOS in Sept 2011. It will be preceded by a workshop with the intention of making the plankton surveys global. Essential Ocean Variables exist already. Marine community is already generating ecosystem indicators for the pelagic ocean at global scale. The GEO workplan now has an ocean activity grouping together all ocean tasks including SAFARI, CHloroGIN and CPR. WG5 should explore linkages.

**Action:** WG5 should explore linkages with other GEO ocean activities.

WG6: This group is working on detecting ecosystem services change to make it possible to focus/zoom in on hotspots of decline. They are working at the interface of biophysical and human elements to derive services and their value and have developed a conceptual structure of GEO BON Ecosystem Services monitoring. Information is aggregated at national level and then scaled to a global level. At the ESA meeting in August there will be a GEO BON ecosystem services contribution. WG6 needs to discuss recasting their section of the implementation plan at their next meeting. WG6 needs to find funding for one person to guide their work to an operational stage as current members don’t have time to take it further.

WG7: This WG has a fully developed (though not yet global) early product using a model-based approach for assessing global change in compositional diversity. They are now developing a proof-of-concept terrestrial application of this approach at the community level. There is a concern that this WG is not using partners as much as some of the other groups. Are there not other people/organisations they could partner with? This WG also needs to communicate to Éamonn what data are needed from GBIF.

**Action:** WG7 should tell GBIF what data they need.

WG8: This group is not really research driven or based on previous work and there has been little activity since producing the implementation plan and GEO BON architecture documents. This WG is dependent on reaction/input from the other WGs. They need to be given clear products and deliverables from other groups to provide information on how to get the data published and WGs need to communicate their needs to WG 8 otherwise they can’t move forward. GBIF is in discussion with GSC to include location and habitat data as part of collection protocol. Gary will be going to a DataONE meeting to find out more about what they do and how we could engage with them. There is a concern that WGs and regional BONs don’t seem to be in a hurry to use the GCI. This will have to be included in the Guidelines for Regional BONs as a requirement.

**Action:** WGs need to communicate their needs to WG 8. Gary to include the GCI requirement in the guidelines document.

The IUCN WCC is a good mechanism for more exposure. There is an October deadline for proposals. We need to invite the right people and potential partners. There are a number of criteria we have to take note of. For example we need participation by two of the constituencies and need to fit in with one of the themes. Relevance to multiple themes will count in our favour. We need to decide on an approach. Hosting knowledge cafes? Having an exhibition area? It might be good to link GEO BON with some of the climate tasks in GEO as part of the climate change theme. We need to be aware of the audience and decide on the message we want to convey. It is important for the IUCN that we
prove we are working towards utilizing our data for conservation. Need to say something new - perhaps present a new project?

**Action:** Gary to continue developing a concept around IUCN WCC and circulate via email.

Next year’s Planet under Pressure is likely to be a big event as it will be a prep for RIO +20. Our session has been accepted and can be found online under Day 2. It is currently a very generic description for a 90 min session. We can structure this session in any way we please. This meeting is more science oriented than IUCN WCC and will have good media exposure. Ideas for talks were discussed. We need to take note of the fact that we will be speaking to the global change science community so it might be good to interact with other aspects of global change, like climate. There is a 19 August deadline for abstracts from speakers. Other people will also apply to this slot and abstracts will go to Michael for selection so we will be able to choose. The final abstracts for the session should be sent to our partners (GBIF, IUCN, WCMC etc) to check.

**Action:** Michael will administer the process along with Rob, Anne, Michele and Woody. Send abstracts to our partners.

GEO BON is producing a report on Critical Earth Observation Priorities (CEOPs) for biodiversity as part of GEO Task US-09-01a. It is a 9 step process that needs to be followed exactly. Michele is putting together an advisory group to help with this activity which has an end August deadline. Membership to this group will close in 2 weeks. Another 3-5 members are needed.

**Action:** Michele to continue leading the Critical Earth Observation Priorities (CEOPs) ‘project’, invite members to the Advisory Group and provide a timeline for activities.

The EBVs section of the adequacy report was used by the AHTEG, very well received and further developed in London. Very few countries are providing quantitative reports to the CBD. GEO BON could come in with the idea that a relatively small number of essential variables (16-18) are necessary to derive the operational indicators for the 2020 targets (we shouldn’t simplify more than necessary, however). Each EBV talks to multiple indicators and targets and many indicators and targets are informed by multiple essential measures. The CBD Strategic goals B & C have almost perfect overlap with respect to essential variables.

How to proceed: Spend more time on it and unpack the 16 variables to determine what measurements are needed. There should be some stratification too and our product should be flexible so different countries with different capacities can use it. We need to take ownership ASAP as the idea is out there now so there is some urgency. **We should have an expert meeting on this in the next 6 months and produce a paper that can become the baseline for this work. We need to find a mechanism to support such a meeting.**

**Actions:** Michele to circulate the indicators report produced by WCMC. **Unpack the 16 EBVs to determine what measurements are needed.**

National governments are potentially our best source of resources for, not only funding, but implementation. The document on Engaging National Governments produced by Gary was discussed. There was consensus on the content of the document and everyone felt that it was good to actively engage with governments. It was agreed that there are different ways to engage governments as outlined in the document. It was further agreed that we would want to prioritise the countries we engage with. We need to have a clear idea of what message we want to give when at
meetings where we engage with governments. Do we pitch or provide information? Governments will want to understand where we fit in and what the value-add is. There is a potential opportunity to piggy-back on the CBD regional capacity building meetings and an information module should be created for insertion in these meetings.

The ACB governing board meeting is coming up and Sheila has offered to put GEO BON on the agenda as a first pitching exercise. Prioritisation is important and perhaps we could work with 3 country categories: 1) Big supporters: France SA USA Japan – good relationships with these are critical; 2) Countries that ought to be in group 1: Brazil, Mexico, China – the mega-diverse countries; and 3) The rest.

**Actions:** Gary to re-circulate the *Engaging National Governments* Document with a 1 month deadline for comments prior to its adoption as provisional GEO BON policy and strategy. Gary will work on an information module potentially to be used at CBD capacity building meetings or elsewhere.

Xavier gave a presentation on ECOSCOPE which aims to develop coherence among the main French biodiversity observatories. He sees strong links with the GEO BON WGs and perhaps these can be fostered by identifying key people in France to link into WGs?

ECOSCOPE would like to become an official ‘member’ of GEO BON. They have seen and agree with the guidelines document and want to proceed. The French Ministry is waiting for confirmation that they are part of GEO BON. The committee felt that ECOSCOPE is well aligned with GEO BON and agreed that they should be an official GEO BON ‘member’. Xavier will provide a letter and we will move the process forward from there. This should be noted on both the GEO BON and ECOSCOPE websites.

**Action:** Xavier to send a letter to the GEO BON Office.

The next all-hands meeting was discussed. What is the objective? How to fund it? The meeting could, for instance, be a way to prepare guidance documents for governments on EBVs. It was pointed out that we need to write the ‘manuals’ and putting them into context of EBVs is a good way to delimit that activity. We certainly don’t want to rewrite the implementation plan. Such a meeting also gives WGs the chance to get together and to interact with other WGs. It might be a good idea to bring in Regional BON representation.

Éamonn informed the committee that in July 2012 GBIF will host a global BioInformatics Conference in Copenhagen. It will be by invitation only, for 150-200 people, and costs covered by GBIF and possibly LifeWatch. They will have strategizing sessions about various topics. This could be an opportunity for the GEO BON community to participate and some of them will be invited. This meeting could be extended (before or after) to accommodate a GEO BON meeting. This could be a way to save on costs. GEO BON is very interested in such an arrangement but cannot yet commit to anything. GBIF will have a July 8th telecon on the topic and will get back to us with a full proposal for SC consideration.

Funding is needed for an all-hands meeting. The NSF might have funds available through their international office for meeting support.

**Actions:** Woody, Michele and Gary need to start thinking about an all-hands meeting with respect to objectives and organization. Woody to follow up on availability of NASA funds for meeting support through their international office. Michele will look into ESF funding for a 2013
meeting/conference. **GBIF to get back to GEO BON with a full proposal for co-convening a meeting, for SC consideration.**

The G-WOS goes beyond WG4 and touches on all of GEO BON. Information is scattered so Ramsar wants to produce a *State of the Worlds Wetlands* (SoWW) as a regular flagship publication. To do this they need a GWOS and the creation thereof is in their workplan 2009-2012. Ramsar and the CBD program for water have a joint workplan so the request to GEO BON to lead the G-WOS initiative, effectively comes from both groups. The marine community needs to be engaged ASAP. WG4 prepared a concept note for Ramsar. The next step is to have a meeting to: develop an implementation plan; Identify experts and organisations that should be involved; draw up a budget. Ramsar wants the project ready to help countries report on the targets for 2020. It is important to note that this initiative touches on other parts of GB. e.g. WG 1, 5, 7, 8 and some of it goes beyond GEO BON e.g. the GEO water SBA and other elements of GEO. This should be a GEO BON branded product. It needs to be done by 2018. Funding needs to be found. The information facility is an issue. Éamonn pointed out that tech support will be needed and we will need to find the capacity as what is required here is beyond GBIF at the moment. ILTER is developing a system for terrestrial observations so they should tie into this. The SC gave its blessing to WG4 to explore being the centre of this activity and they are encouraged to **proceed with planning the meeting.** WG4 needs to engage WGs. Some activities under the Ecosystems SBA directly connect to this (and GEO BON activities in general) and WG4 will need to check the workplan and make necessary connections. **Actions:** WG4 needs to engage WG5 i.e. the Marine community (and others as needed) wrt G-WOS. WG4 needs to look at the draft GEO workplan to find connections or overlaps that need to be explored in other SBAs.

Matt joined the meeting via phone and reported that the recent AHTEG meeting was very energetic and the last days were spent in plenary discussion. The AHTEG should propose the global framework for indicators but they won’t give a finite list of datasets that need to be used. Currently they have a table with 50-60 operational indicators and their level of development and these will be streamlined and prioritised in various ways. CBD Sec are pulling together reports from the meeting and a draft report will be circulated to the group and then opened to wider review before the CBD writes a report for SBSSTA. Matt confirmed that the adequacy report was being used and attention was being paid to the EBV suggestion. The AHTEG will present global headline indicators and guidance for strengthening capacity. The EBVs are likely to be important and shine through in this and GEO BON needs to step up with respect to their development.

When discussing the inclusion of BIP as a GEO BON WG, Matt highlighted the ways in which GEO BON and BIP can work together and be useful to each other. It was suggested that if we want to approach GEF for funding, that building a proposal around continuing BIP might be a good way forward. Matt agreed and indicated that this had been discussed and that GEFs Biodiversity portfolio will be focussing on ipBES and NBSAP revision and we would have to look at how we can build into those processes. The EBVs would give a very strong rationale for putting in a joint proposal especially if it is built around national capacities. BIP is waiting to see where their GEF point of entry might come as they have been pushed back in this round of decision making. **We need to get a strategy in place so when the opportunity arises we can exploit it.** In the interim there are others who want to support NBSAP revisions and that makes a strong case for GEO BON and the EBVs.
The SC agreed that it is a good idea for BIP to be a GEO BON WG. There was some uncertainty around the governance structure with most present preferring that BIP be a regular GEO BON WG rather than a joint one. Matt indicated that the governing structures are still open for revision since the GEF stipulations no longer apply, but that it should have a SC. So, some of the details still need to be worked out. Matt indicated that if the WG model is favoured then the workplan of the new WG should be developed and then the governing structure should be decided upon; or perhaps it should become a full part of GEO BON without a separate governing structure in which case GEO BON should be invited into the BIP SC structure, attend the meeting and discuss governance structure. Bob agreed that we should attend their SC meeting and have a proposal for the structure ready.

**Action:** The GEO BON office will respond to BIP that we are happy with them joining GEO BON, encourage them to start developing a plan of work and also indicate a preference for potential structure.

It is important to engage with the remote sensing community. GEO BON needs to get serious about telling the space community what the biodiversity world needs. We need to identify correct scales needed and gaps in datasets, also value-add information like land degradation etc. and the variables we are interested in. Good time for us to think about this as we are engaging with CEOPs and EBVs. It is therefore important to get into the CEOS program. They are in discussion with various parties and are wanting to plan a meeting to discuss these issues. Martin will approach us when he is ready. We need to keep the ESA in the loop as well as WG3.

**Action:** Woody and Marc will act as GEO BON contacts for CEOS through Martin who will be in contact once he has a better idea of how to proceed.

GEO BON needs to stay visible and we need to think about publishing some papers soon. *Current Opinion in Environmental Sustainability* (COSUST) approached Bob for a strategy paper on GEO BON. Bob will conceptualize the paper. The GEO BON group will get to comment but it won’t be a 50 author paper so authorship is likely to be less than the review pool.

Another paper is needed aimed at Science or Nature. Perhaps the EBV conceptual paper.

Another vision paper on biodiversity observations/ network is also due. We need to tell people what GEO BON is about and also what is possible in terms of biodiversity observation, like top down & bottom up tools and the models that integrate them, as well as data management and how policy makers can use it. **We need comments and ideas on this.**

**Action:** Woody will champion the development of a GEO BON vision/integration paper. Bob to conceptualize the COSUST strategy paper.

**Action:** Michele needs to look into the LifeWatch issue and Bob will respond to the letter they sent.

**Action items:**

1. Michele will send out a reminder for comments on the draft GEO work-plan towards the end of July with mid August deadline. Attention needs to be paid to the ecosystem SBA activities (as well as other relevant ones) to see where significant overlaps occur and where activities could potentially fall under GEO BON instead. Need to make direct contact with Brad on any issues (cc Michele).
2. Gary will revise the Guidelines for Regional BONs for finalisation. **Gary to include the GCI requirement in the guidelines document.**

3. Gary and Woody will chat to their Japanese contact before Bob and Henrique go to the ipBES meeting in Tokyo.

4. Bob to start up a discussion on Japanese funding at ipBES meeting in Tokyo.

5. Woody to follow up on availability of NASA funds for meeting support through their international office.

6. Rob will provide Bob with a contact name at the EU.

7. Bob will enquire about the role GEO BON should take in the FP7 proposal process.

8. Rob to find clarification around what can be considered an SME as referred to in the FP7 proposal guidelines.

9. Kirsten to flag the FP7 Ecosystem Services call to WG6 for alignment or approach the consortium for more alignment with WG6.

10. **Rob to provide the next draft proposal when it’s ready (and inform on how we should help?)**

11. Éamonn will report back to Dan on progress with the GBIF genetics work and inform him about the GSC micro-biome sampling.

12. **WG1 should provide more input to the EBVs.**

13. Norbert to establish links with Henrique and Rob/ WGs 2 and 3.

14. **GEO BON needs to engage the space community (how to proceed? Martin, Woody, Marc)**

15. **WG4 should provide more input to the EBVs.**

16. **WG5 should explore linkages with other GEO ocean activities.**

17. **WG7 should tell GBIF what data they need.**

18. **WG’s need to communicate their needs to WG 8.**

19. Gary to continue developing a concept around IUCN WCC and circulate via email.

20. **Michael will administer the Planet under Pressure process along with Rob, Anne, Michele and Woody. Send abstracts to our partners.**

21. Michele to continue leading the Critical Earth Observation Priorities (CEOPs) ‘project’, invite members to the Advisory Group and provide a timeline for activities.

22. Michele to circulate the indicators report produced by WCMC.

23. **Unpack the 16 EBVs to determine what measurements are needed.**

24. Gary will work on an information module potentially to be used at CBD capacity building meetings or elsewhere.

25. Gary to re-circulate the Engaging National Governments Document with a 1 month deadline for comments prior to its adoption as provisional GEO BON policy and strategy.

26. Xavier to send a letter to the GEO BON Office about French BON.

27. Bob to take a first cut at developing an electronic form template for GEO BON membership or information capture.

28. Woody, Michele and Gary need to start thinking about an all-hands meeting with respect to objectives and organization.

29. **GBIF to get back to GEO BON with a full proposal for co-convening a meeting, for SC consideration.**

30. Michele will look into ESF funding for a 2013 meeting/conference.

31. Woody and Marc will act as GEO BON contacts for CEOS through Martin who will be in contact once he has a better idea of how to proceed.
32. People to send copies of their GEO BON related publications to Michele for filing and uploading to the GEO BON website.
33. WG4 needs to engage WG5 i.e. the Marine community (and others as needed) wrt G-WOS.
34. WG4 needs to look at the draft GEO workplan to find connections or overlaps that need to be explored in other SBAs wrt G-WOS.
35. Bob to write a note to the CBD to ask for a copy of the draft indicators report.
36. The GEO BON office will respond to BIP that we are happy with them joining GEO BON, encourage them to start developing a plan of work and also indicate a preference for potential structure.
37. Bob to conceptualize the COSUST strategy paper.
38. Woody will champion the development of a GEO BON vision/integration paper.
39. Michele needs to look into the LifeWatch issue.
40. Bob to respond to the LifeWatch letter he received.