

## **Secretariat Operations Report July – November 2015**

*This Document is presented to the Executive Committee for information.*

During the period July-November 2015, the GEO Secretariat engaged in the following activities in support of the GEO community:

### **1 GEO MEMBERSHIP**

Through engagement efforts largely undertaken in AfriGEOSS, Somalia and Kenya have become the 99<sup>th</sup> and 100<sup>th</sup> Members of GEO.

### **2 GEO SUMMIT WEEK IN MEXICO CITY, 9-13 NOVEMBER 2015**

The Secretariat, in support of the Ministerial Working Group (MWG), continued to organize meetings and teleconferences and ensure coordination in the development of the draft Summit documents. The draft of the Summit Declaration Version 3 was finalized; and the draft Summit Agenda and Summit programme were prepared. The latest drafts will be submitted to the 35<sup>th</sup> Session of the Executive Committee for information. A briefing for the Geneva Missions to the United Nations was held on 1 October in the WMO Assembly Hall. Hosted by GEO and the Mexico Mission, the event was attended by representatives of 23 countries and organizations.

With MWG oversight, the Secretariat has continued to implement the Ministerial communication plan designed to increase visibility of the GEO Summit Week, particularly in relation to the UN General Assembly launch of the Sustainable Development Goals, and the UN Framework Convention on Climate Change (UNFCCC) 21<sup>st</sup> Conference of Parties (COP21). Publicity for Mexico City has helped to encourage the participation of Ministers and Registration for GEO Week. A Ministerial Summit Welcome Video has been produced by INEGI, with guidance from the Ministerial Communications Group; the Short Video Competition received six entries, three of which qualified for final voting by GEO Week Registrants and presentation during the Ministerial Summit. Communication materials have been prepared and distributed through various GEO communication channels including a significantly bolstered social media presence.

The Secretariat and INEGI continue to work closely to define logistics and detailed preparations for media outreach leading up to, and through, the week.

### **3 IMPLEMENTATION PLAN WORKING GROUP**

The Secretariat supported the Implementation Plan Working Group (IPWG) as it drafted the GEO Strategic Plan 2016-2025: Implementing GEOSS, along with the accompanying Strategic Plan Reference Document. Over the past 18 months, the IPWG took as its starting point key GEO

documents, such as the Geneva Ministerial Declaration and Vision for GEO 2025, and met 7 times to consider drafting a Strategic Plan that would preserve GEO's unique qualities while allowing room for innovation during the next 10 years. The drafting process included extensive iterative consultations across the GEO community, and built upon engagement events with the private sector, United Nations agencies, and broader groups of stakeholders. The Strategic Plan will serve as a framework for GEO activities over the next decade, building upon success from its first 10 years of existence, such as: advances in the areas of data sharing and access; the initiation of major global monitoring initiatives; gains in regional coordination, research and innovation; the establishment of user-driven networks and projects; and continued implementation of GEOSS.

#### **4 TRANSITIONAL WORK PROGRAMME 2016**

The Secretariat issued Version 3 of the GEO Work Programme 2016 on 29 September, together with the other GEO-XII Plenary documents. This version incorporates the comments received on Version 2, as well as a number of new proposals, and has been developed in close collaboration with the proposers of the different activities, and in consultation with the IPWG. In particular, an interim Version 2.2 was reviewed by the IPWG in August with the main objective of verifying that the Work Programme was implementing the GEO Core Functions as identified in the "GEO Strategic Plan 2016-2025: Implementing GEOSS". The overall IPWG assessment was positive and the comments provided were incorporated into Version 3.

The Secretariat also communicated with the Implementation Boards and Working Groups to explain how, according to the new Governance structure proposed by the IPWG, their current functions were transitioning to the Programme Board and to a number of implementation arrangements foreseen in the 2016 Transitional Work Programme. This matter was also discussed during the Executive Committee teleconference on September 9th and is reflected in the proposed Transition Plan (Plenary Document 12).

Finally, per the request of the 34<sup>th</sup> Executive Committee, the Secretariat has conducted a preliminary analysis of how the activities and outputs of the Foundational Tasks would be modified, in the event that the resources indicated in the Work Programme are not be fully available. This analysis was delivered to the Executive Committee mid-August.

#### **5 POST-2015 DEVELOPMENT AGENDA**

The Secretariat continued coordinating efforts by the GEO community to articulate the value and importance of integrating Earth observations with other national statistics to improve the measuring and monitoring of the Sustainable Development Goals (SDGs). One result is reference to Earth observation and geospatial information in the final outcome document adopted by the UN Heads of State in September 2015. The report, *Transforming Our World: The 2030 Agenda for Sustainable Development*, states:

76. We will support developing countries, particularly African countries, LDCs, SIDS and LLDCs, in strengthening the capacity of national statistical offices and data systems to ensure access to high-quality, timely, reliable and disaggregated data. We will promote transparent and accountable scaling-up of appropriate public-private cooperation to exploit the contribution to be made by a wide range of data, *including earth observation and geo-spatial information*, while ensuring national ownership in supporting and tracking progress.

The Secretariat continues to work with WHO, UNICEF, UN Water and the Sustainable Development Solutions Network to develop a joint program to evaluate and articulate the cost-effectiveness and efficiencies of integrating Earth observations into measuring, monitoring and achieving the SDGs. A preliminary document focusing on the Water SDG was distributed at the Financing for Development Summit in Addis Ababa in July 2015, and the concept was scheduled to be discussed at the October

meeting of the UN Inter-Agency Expert Group for SDGs (IAEG-SDGs). The IAEG will recommend a set of SDG indicators to the UN Statistical Commission, which will issue a final report in March 2016.

GEO accepted an invitation to become an Anchor Partner of the *Global Partnership on Sustainable Development Data (GPSDD)*, which was launched on 28 September in New York City. Eight Governments (all GEO members: Colombia, France, Kenya, Mexico, Morocco, Senegal, UK and US) are leading the Partnership, which was created as an outgrowth of the UN SDG development process. The Partnership is designed to strengthen country data-ecosystems, fill critical data gaps, improve data literacy and capacity, increase data openness, sharing and leveraging, mobilize and align resources and reinforce and catalyze principles and protocols. In addition to Governments, the GPSDD is composed of Private Sector Partners, International Agencies (including three GEO Participating Organizations: the UN Economic Commission for Africa, the UN Economic Commission for Asia and the Pacific and FAO), as well as Statistics/Data/Research Organizations, Civil Society and Foundations. GEO representatives will serve on the GPSDD Steering Committee, and Working Groups on Global Collaboratives, Data Principles and Protocols (co-facilitator), and Data Architecture.

## **6 GROUP OF 7 (G7) SCIENCE MINISTERS COMMUNIQUE**

Through the efforts of the GEO/G7 Member States (Canada, France, Germany, Italy, Japan, United Kingdom and United States) and the European Commission, facilitated by the GEO Secretariat, the final Communiqué of the G7 Science Ministers meeting (Berlin, 8 – 9 October) included the following language:

We recognise that the sharing of Earth observation data and information will strengthen science, knowledge, and decision-making in the areas discussed today and in others. We intend to continue to work together through the intergovernmental Group on Earth Observations (GEO) to enable policy makers to better address these environmental, health, and socio-economic challenges.

This is yet one more piece of evidence that GEO is increasingly being recognized as a serious and valued partner in the global effort to provide data and information for informed decision-making on the great challenges facing our planet. The engagement with the G7 mechanism in relation to the Science Ministers' meeting provides a solid foundation for more robust engagement in the G7 process in 2016, including the Heads of State meeting, when GEO Member, Japan, is the host country.

## **7 EYE ON EARTH**

GEO South Africa Co-Chair, Phil Mjwara, along with representatives of the GEO community and Secretariat participated in the highly successful Eye on Earth (EoE) Summit 2015 in Abu Dhabi on 6-8 October. Co-sponsored by GEO and the Environment Agency of Abu Dhabi (EAD), Abu Dhabi Global Environmental Data Initiative (AGEDI), the International Union for the Conservation of Nature (IUCN), UN Environmental Programme (UNEP) and the World Resources Institute (WRI), the Summit attracted close to 600 thought leaders in the field of data and information for sustainable development.

Co-Chair Mjwara participated in the Plenary Session on Day Two, hosted by Secretariat Director Ryan, and represented GEO at a meeting of the Principals of the six organizations that now comprise the Eye on Earth Alliance. As an Alliance Partner, GEO will participate in the Governance of Eye on Earth and help to oversee management of a virtual secretariat scheduled to begin operations on 1 January 2016. In addition, GEO will assist in the work of the EoE Special Initiative on Global Network of Networks (GNON), with a focus on identifying the areas of complementarity and collaboration between the GNON and the GCI/GOESS community.

## **8 GEOGLAM**

The Secretariat continued to coordinate the drafting of the background documents, including developing a 5-year provisional budget in preparation for the first meeting of the GEOGLAM Advisory Committee, to be held in Mexico City on 9 November 2015.

In the context of the Global Strategy improving Agricultural and Rural Statistics (GSARS), the Secretariat has maintained contacts with FAO-ESS, UNECA, The World Bank and the Bill and Melinda Gates Foundation regarding advancement of GSARS in Africa. The current focus is on identifying a country in Western Africa for implementation of a French-funded project using EO-based agricultural monitoring methods.

The Secretariat also prepared the GEOGLAM Rangelands meeting to be held in Campinas (Brazil), on 20-22 July, with the aim to advance the common understanding of on-going rangeland monitoring activities and discuss next steps for the development of the RAPP (Rangelands and Pastures Productivity) activity.

## **9 GCI SUPPORT**

On-going efforts have been made by the GEO Secretariat and GCI team to develop interoperability arrangements with the following data providers:

- University Corporation for Atmospheric Research (UCAR);
- National Center for Atmospheric Research (NCAR); and
- the 7<sup>th</sup> Funded Programmes for Research (FP7) on GEOCarbon.

In addition, refreshing the interface between the Discovery and Access Broker (DAB) and the Component Service Registry (CSR) has continued. Currently, more than 194 Million GEOSS resources are discoverable and potentially accessible. The Secretariat will continue to further enhance the partnership with data and service providers around the world.

Testing of metadata harvesting were initiated with the China GEOSS system. On-going coordination and testing has been organized with the WMO Information System (WIS) and UNEPLive. The GEO Secretariat organized by-weekly GCI provider teleconferences to improve the GCI resource registration process and refine the baseline GCI requirement and architecture documentation. The GEO Secretariat supported development of a Guideline Document on "GEOSS Support to the GEO Community - Recommendations and Best Practices for Community Portal Development," and hosted the AIP-8 weekly teleconference.

## **10 GEONETCAST**

The GEO Secretariat facilitated a teleconference with the GEONETCast stakeholders (EUMETSAT, NOAA, CMA, and INPE) to align expectations regarding GEONETCast being one of the GEO Foundational Tasks and to agree on modalities of future interactions between GEONETCast and the GEO Secretariat with regard to the coordination mechanisms and linkages among the GCI, GEO Flagships and Initiatives.

## **11 DATA MANAGEMENT PRINCIPLES TASK FORCE**

The GEO Secretariat supported the agreed 10 Principles to incorporate into the "GEO Strategic Plan 2016-2025: GEOSS Implementation". The GEO Secretariat has also supported development of the Data Management Principle Implementation Guidelines, which will enable and assist data providers and other stakeholders in implementing the principles, and provide a basis for assessing how well the principles are being adhered to in practice.

## **12 DATA SHARING**

The GEO Secretariat facilitated the formulation of Foundational Task GD-01: Advancing the Data Sharing Principles, in the Transitional Work Programme 2016. The Secretariat also facilitated the conversation between the Data Sharing Working Group (DSWG), GEO Co-Chairs and IPWG on the case for the DSWG to remain as a distinct group within GEO.

The GEO Secretariat Director delivered a keynote address at the 6th Research Data Alliance (RDA) Plenary on GEO's perspective of the value of data sharing. CODATA, a GEO Participating Organization, and the Secretariat entered in to a Letter of Agreement (LoA) to advance understanding of the broad range of benefits from data sharing. The result of the partnership is a paper titled, "Value of Open Data Sharing". It is specifically designed to assist GEO Members and POs in the process of transitioning from restricted data policies to more open policies for government data.

## **13 8<sup>TH</sup> GEOSS ASIA-PACIFIC SYMPOSIUM**

The GEO Secretariat assisted China and Japan in preparing and organizing the 8th GEOSS Asia-Pacific Symposium, held in Beijing, 5 – 7 September 2015. Approximately 220 participants from 27 countries attended the Symposium. Those who attended contributed to discussions around the theme "Towards the Next Decade of GEOSS in the Asia Pacific Region".

## **14 GEO-CEOS INTERFACE**

The Secretariat and CEOS held its regular teleconferences to discuss timely and significant topics and exchange ideas on the best interfaces between the two organizations. The Secretariat participated in the CEOS Strategic Implementation Planning (SIT) Workshop in Darmstadt to discuss how CEOS could further contribute to the GEO Strategic Plan, 2016 Transitional Work Program, and Ministerial Summit.

## **15 GEO-WMO INTERFACE**

The Secretariat and WMO held regular conversations focusing on the WIGOS contribution to GEOSS, GCI-WIS interface, radio-frequency protection, AfriGEOSS, Cold-regions, GEOGLAM, Climate, Disaster Monitoring, and other issues. The WMO Congress has recognised these efforts and agrees on the importance of strengthening the collaboration between GEO and WMO.

## **16 GLOBAL HIGH FREQUENCY RADAR**

The Secretariat helped organize the 4th GEO Global High-Frequency (HF) Radar Task meeting, held on 22-23 September 2015, in Heraklion, Crete, Greece, in parallel with the Seventh Session of the Global Ocean Observing System (GOOS) Regional Alliances. The focus of this meeting was to review the status of the GEO Task, as well as operational aspects of HF radar. Presentations discussed individual nation's networks and contributions, including data management, deployment and operations, as well as applications of the HF radar data to real-world problems. A joint session with the GOOS meeting examined how HF Radar should be situated within GOOS. The meeting concluded with a series of actions aimed at expanding the HF Radar network globally.

## **17 MARINE BON**

The Secretariat has helped to guide and facilitate development of the global Marine Biodiversity Observation Network (MBON) concept and its GEO Week Side Event session. MBON will be a

network of networks focusing on marine biodiversity change that includes Blue Planet and the GOOS Biology and Ecosystems Panels as key collaborators. Three U.S. demonstration sites "seed" the concept, and Phase 1 is planned to be a Pole to Pole MBON in the Americas, in conjunction with AmeriGEOSS.

## **18 GEO BON**

The Secretariat facilitated coordination among EC-funded projects relevant to biodiversity and ecosystems with GEO BON. GEO organized a biodiversity session at the 9th EC GEO European Projects Workshop in Copenhagen in June in which five EC-funded projects, plus GEO BON, participated. Bringing these biodiversity-relevant projects together was viewed as being so productive that a separate, two-day meeting early in 2016 is being planned.

## **19 LAND COVER**

The Secretariat coordinated land cover dataset harmonization ideas with data providers and the UN Statistical Division. UNSD is developing methods for ecosystem accounting and land cover data as essential inputs to the SDG process. However, lack of standardized land cover data sets hinder development of comparable methodologies. GEO and UNSD are co-organizing a Side Event during the GEO Week to discuss data harmonization, a topic of relevance to many land cover users.

The Secretariat prepared a letter to FAO, on behalf of the Working Group on Land Cover for Africa, to request assistance for African countries in implementing the FAO Land Cover Classification System.

## **20 CLIMATE AND ECOSYSTEMS**

GEO participated in the International Scientific Conference held at UNESCO Headquarters in July, the largest science forum in advance of the UNFCCC Conference of the Parties (COP21) to occur in December in Paris. The GEO Secretariat participated in a Side Event hosted by the International Council for Science (ICSU): "Science and the Road to Transformation: Opportunities in the Post-2015 Global Climate Regime". GEO has endorsed the Conference Outcome Statement to be published and distributed during COP21.

Several members of the GEO Secretariat have joined the WMO delegation to COP21 in Paris and will participate in at least three Side Events during COP21 (30 November – 12 December) on topics including carbon observation, climate data and observing systems in Africa, and transboundary collaboration in climate services.

The Secretariat organized a meeting with representatives of the GFCS office and NOAA to explore synergies and mechanisms to strengthen collaboration between GEO and GFCS. The participants agreed the meeting was productive and helped to strengthen the foundation for further collaboration between GEOSS and GFCS.

The Secretariat helped to advance the planning of a GEO Flagship for an integrated global carbon and greenhouse gas monitoring and analysis system.



## **21 WATER**

The Secretariat participated in the preparation of the SPONGE project meetings (SPaceborne Observations to Nourish the GEMS/Water Global Network). The newly-created GEO Water Quality Community of Practice could provide substantial support to this project.

The Secretariat engaged in several discussions with the RAMSAR Convention Secretariat in order to define possible mutual support and collaboration, in the domains of ecosystems, biodiversity and water. Discussions will resume following the GEO Plenary and Ministerial.

## **22 COLD REGIONS**

The Secretariat participated in meetings of YOPP (Year of Polar Prediction) and WMO EC-PHORS (Executive Committee on Polar and High Mountain Observations, Research and Services), as well as the Arctic Circle Assembly, where it co-organized a Side Event with WMO (The Arctic Circle in 2050 - Charting a New Course Through the Last Frontier). GEO has offered to design a Plenary Session for the Arctic Circle Assembly 2016 that will examine the Region's existing data capabilities and needs across the observational domains.

## **23 DISASTERS**

The Secretariat has begun hosting a senior representative of the United Nations Office for Outer Space Affairs (UNOOSA) who will be spending time in Geneva on a monthly basis, funded by the Government of Switzerland. UNOOSA's presence in the Secretariat will allow for more efficient coordination mechanisms between GEO Disasters activities and UN SPIDER, in the post-Sendai framework.

The Secretariat is an Organizing Partner for the UNISDR Science & Technology Conference to be held in Geneva from 27-29 January 2016 (focusing on Work Stream 2: Risk Assessment & Monitoring).

## **24 CAPACITY BUILDING**

In support of the GEO capacity building objectives, the Secretariat organised a capacity building session at the Eye on Earth Summit in October 2015. The session highlighted the best practises in building capacity, including ensuring there is an uptake of math and science at school level and the availability of appropriate tools and training of professionals, enabling entrepreneurship, and using the right language to communicate with politicians and communities in order to receive the needed political support and deliver the needed services to the communities.

## **25 AFRIGE OSS**

The Secretariat developed and introduced "AfriGEOSS Alerts" - an online newsletter on current issues of interest to the GEO African community. The Secretariat also supported the AfriGEOSS Expert Group working on EO data access and dissemination in presenting its draft report on existing EO infrastructure in Africa during a GMES & Africa session at the 1st MESA Forum in Nairobi in September.

## **26 COMMUNICATIONS AND INFORMATION TECHNOLOGY**

The Secretariat continued development of web pages for the GEO-XII Plenary, and 2015 Mexico City Ministerial Summit; restructured the GEO-XII Plenary online and on-site registration process, and Side Events information access and registration; published next edition of GEO News (October); administered GEO short video competition: developing web pages, posting on GEO YouTube channel, developing online registration and online voting tool; managed transfer of GSNL supersites websites to GEO website; created and published AfriGEOSS Alerts; worked with WMO / UNICC to transfer website / databases to shared (cheaper) environment.

The Secretariat helped to generate and/or produce articles featuring GEO in Earthzine, Nature Magazine, Geo Connection Magazine, Geospatial Media, and Apo GEO. GEO received detailed coverage by the Earth Negotiations Bulletin, published by the International Institute for Sustainable Development (IISD) during the Eye on Earth Summit, an event which led to articles in regional and international press.

The Secretariat was highly engaged with social media during the UN General Assembly Summit on Sustainable Development, before and during the Eye on Earth Summit, on International days - including International Day for Disaster Reduction (October 13); World Food Day (October 16); and World Statistics Day (October 20). Twitter current Follower audience is 647, an increase of 20 percent since July and a gain of 2 new followers per day. In the last month, GEO Tweets earned 14,500 impressions. The GEO Facebook page has 675 total page “likes”, up from 616 on 1 July.

## **27 STAFFING**

- The Secretariat currently consists of eight fixed-term appointments, three short term appointments, seven seconded experts and one Junior Professional Officer, for a total staff of 19;
- Paola De Salvo (Information Technology Specialist) commenced a fixed-term contract on 2 November to assist in GCI operation and development.

### **27.1 Distribution of staff according to contract type**

#### **General Trust Fund**

##### **Fixed-Term Appointments**

- Barbara Ryan (Director);
- Hendrik Baeyens (Project Officer, IT Specialist);
- Douglas Cripe (Scientific Officer for Health and Oceans);
- Paolo De Salvo (Information Technology Specialist);
- Patricia Geddes (Senior Administrative Manager);
- Sofia Rodriguez (Administrative Assistant);
- Chloé Tiberghien (Staff Assistant);
- Yingchu Chu (Staff Assistant).

##### **Short-Term Contracts**

- Katherine Anderson (Communications Manager) Temporary appointment;
- Giovanni Rum (Work Programme Coordination) Temporary appointment;
- Robert Samors (Senior External Relations Manager) Special Services Agreement.



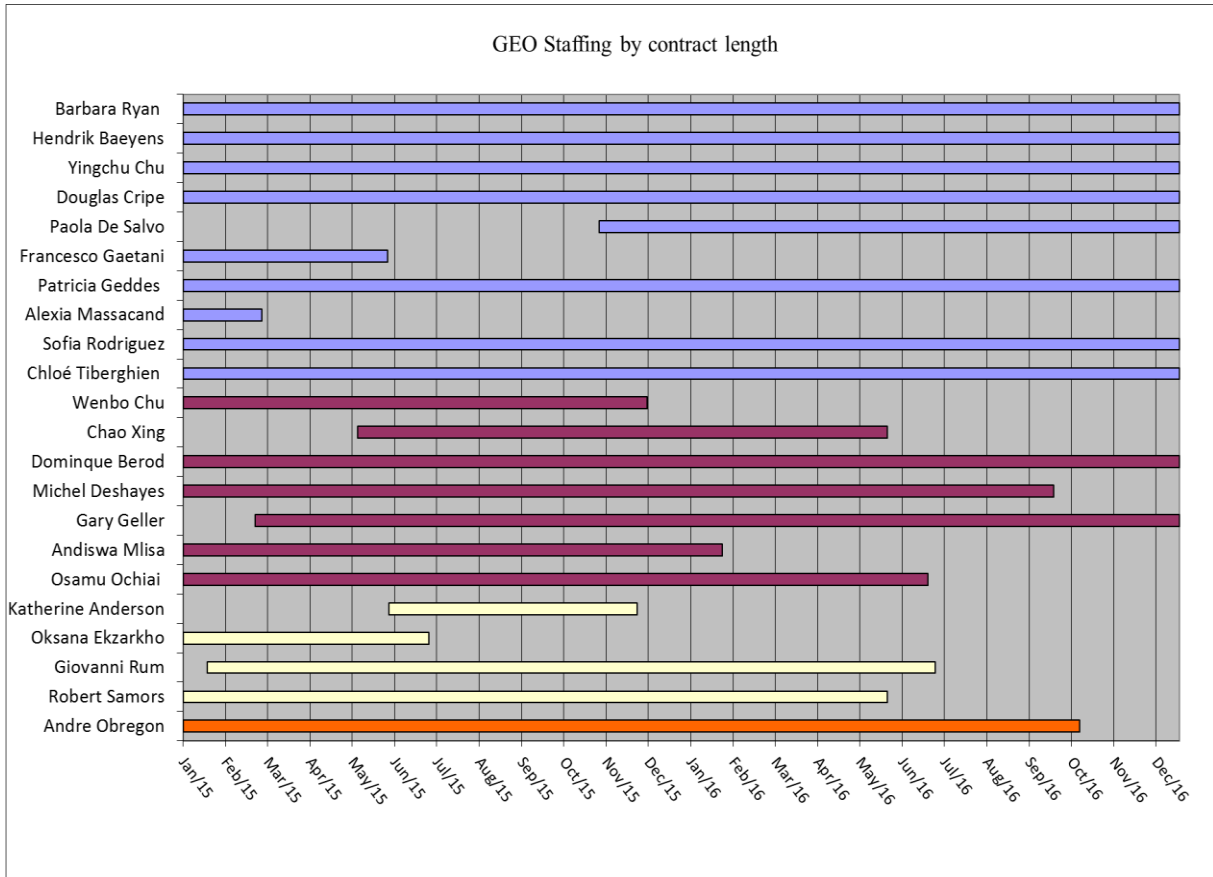
**Seconded Experts**

- Wenbo Chu China (Scientific and Technical Officer for Data Sharing) to November 2015;
- Chao Xing China (Technical and Project Officer) to May 2016;
- Michel Deshayes France (Scientific Officer for Agriculture) to September 2016;
- Osamu Ochiai Japan (Scientific and Technical Officer for Data Management and Systems) to June 2016;
- Andiswa Mlisa South Africa (AfriGEOSS and Capacity Building) to January 2016;
- Dominique Berod Switzerland (Scientific Officer for Water, Disasters and Cold Regions) to December 2016;
- Gary Geller USA (Scientific Officer for Biodiversity and Ecosystems) to February 2017.

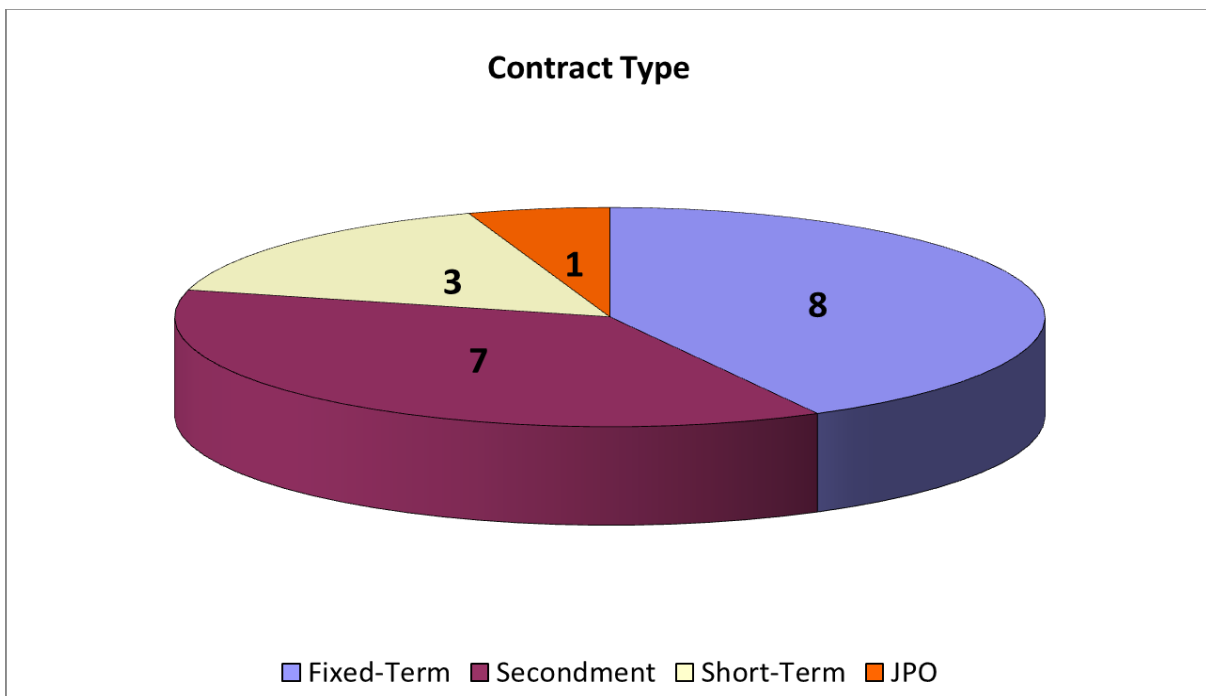
**Junior Professional Officer**

- Andre Obregon Germany (Scientific Officer for Climate) to October 2016.

**GEO Staffing by contract length:**



**GEO Staffing by Contract Type:**



| <b>PARTICIPATION IN MEETINGS AND EVENTS: 1 JULY – 31 OCTOBER 2015</b> |               |   |                 |   |                       |                    |
|---|---------------|---|-----------------|---|-----------------------|--------------------|
| <b>Place</b>  | <b>Region</b> | <b>Event</b>  | <b>GEO Task</b> | <b>Results</b>  | <b>Person</b>         | <b>Date</b>        |
| <b>Core GEO Meetings</b>  |               |   |                 |   |                       |                    |
| Copenhagen, Denmark   | Americas      | 7th IPWG Meeting                                    | All             | Reviewed status of draft “GEO Strategic Plan 2016-2025: Implementing GEOSS”, in light of comments received from GEO Principals and 34th Executive Committee. Decided on response strategy, responsibilities and timeline for production of final draft of Strategic Plan and Reference Document. Also developed Transition Plan for current GEO fora, as well as GEO Programme Board Terms of Reference and plan for convening Board. | Cripe<br>Rum          | 1-3<br>September   |
| Washington DC, USA  | Americas      | Ministerial Working Group                           | All             | Finalized draft Mexico City Summit Declaration; finalized Summit Program (covering Thursday 12 and Friday 13 November) and the agenda of the Friday 13 meeting; and finalized “Questions to support Ministers’ exchange of views” as the reference to frame the discussions during Session 4 of the Summit.   | Rum<br>Geddes         | 17-19<br>September |
| Mexico City, Mexico   | Americas      | Preparation for 2015 Mexico City Ministerial Summit | All             | The meeting included a complete review of the progress in preparations for the GEO-XII Plenary, Ministerial Summit and associated events in Mexico City from 9 to 13 November 2015. All organizational and logistical aspects were discussed and a visit to the venue was performed.  | Rum<br>Geddes         | 21<br>September    |
| <b>Special Initiatives</b>  |               |   |                 |   |                       |                    |
| Sao Paulo,  | Americas      | 3rd GEOGLAM   | GEOGLAM         | Participated in a progress meeting of an emerging GEOGLAM activity, on global rangelands monitoring; met with RAPP leaders and rangeland scientists, mainly from Brazil. Next steps will focus on   | Deshayes <sup>1</sup> | 20-22 July         |

<sup>1</sup> No-cost mission

| <b>PARTICIPATION IN MEETINGS AND EVENTS: 1 JULY – 31 OCTOBER 2015</b> |               |   |                 |   |               |                         |
|---|---------------|---|-----------------|---|---------------|-------------------------|
| <b>Place</b>  | <b>Region</b> | <b>Event</b>  | <b>GEO Task</b> | <b>Results</b>  | <b>Person</b> | <b>Date</b>             |
| Brazil  |               | RAPP Workshop   |                 | planning several workshops to develop a focus for the initiative.   |               |                         |
| Cairo, Egypt  | Africa        | 1st AfriGEOSS Data Infrastructure Coordination Team Meeting | AfriGEOSS       | At this first meeting the AfriGEOSS Data & Infrastructure Coordination Team (DICT) developed the description – mission, objectives and 2015 action plan - for its first activity – to develop a concept framework for data access and dissemination in Africa.                  | Mlisa         | 20-22 July              |
| Paris, France   | Europe        | International Network MAFF Conference                       | GEOGLAM         | Met with the French institution (MAFF-Ministry of Agriculture) who is funding the secondment to the GEO Secretariat in order to keep them apprised of progress.   | Deshayes      | 23 July                 |
| Milan, Italy  | Europe        | GRSS Globalization Meeting                                  | ID-02           | GRSS, having joined as a GEO PO, has been exploring how it may contribute to GEO Capacity Building. At the end of the meeting, ideas were put forward on how GRSS may contribute to the 2016 Work Programme.  | Mlisa         | 26 July                 |
| Milan, Italy  | Europe        | IGARSS Symposium; GEOGLAM workshops; visit to Milan Expo    | AG-01           | Participation in 3 events: a) GEOGLAM workshop in IGARSS; b) a meeting to discuss document preparation for 1 <sup>st</sup> meeting of GEOGLAM Advisory Committee; and c) Milan-Expo - gave a presentation in the French Pavilion on remote sensing for agricultural monitoring. | Deshayes      | 27-30 July              |
| Libreville, Gabon   | Africa        | AGEOS Opening Ceremony                                      | ID-02           | Gabon, through AGEOS, launched its satellite receiving station with a ground footprint that covers Central and West Africa. The station is set to receive Landsat 8 and Cosmo Skymed (radar) data.  | Mlisa         | 29 August               |
| Nairobi, Kenya  | Africa        | Monitoring for Environment and Security in Africa Forum     | ID-02           | The 1 <sup>st</sup> MESA Forum looked at regional successes of the project. AfriGEOSS DICT presented progress on the data access and dissemination concept during the session on GMES & Africa as a contribution to the discussion on Sentinel data access in Africa.           | Mlisa         | 31 August - 4 September |
| Brussels, Belgium   | Europe        | EC-ESA Scoping Workshop                                     |                 | A meeting between ESA and EC DGs, mainly RTD and AGRI, to better coordinate their programs in EO research for Food Security.  | Deshayes      | 29 September            |

| <b>PARTICIPATION IN MEETINGS AND EVENTS: 1 JULY – 31 OCTOBER 2015</b> |               |   |                 |  |                              |                         |
|---|---------------|---|-----------------|--|------------------------------|-------------------------|
| <b>Place</b>  | <b>Region</b> | <b>Event</b>  | <b>GEO Task</b> | <b>Results</b>   | <b>Person</b>                | <b>Date</b>             |
| Brussels, Belgium   | Europe        | GlobCast Workshop   | GEOGLAM         | Meeting presenting the extension of the EC-JRC MARS programme of EO-based agricultural monitoring to cover the main producing regions of the world, with participation of EC DGs RTD, GROW, DEVCO, and NEAR, with foreign scientists from China, India, Russia, Ukraine, USA, Brazil, Argentina, Morocco and participation of FAO-AMIS.  | Deshayes                     | 30 September            |
| La Grande Motte, France   | Europe        | 1st International Workshop on RSDI during the ISPRS Geospatial Week   | IN-03           | Attended RSDI: Remote Sensing Data Infrastructures as a member of the Scientific Advisory Committee of GEOSUD, the French RSDI. Established new contacts with French space agency and with VITO.   | Deshayes                     | 2 October               |
| <b>GEOSS Implementation</b>   |               |   |                 |  |                              |                         |
| Paris, France   | Europe        | ICSU Meeting: Science and the Road to Transformation: Opportunities in the Post-2015 Global Climate Regime<br>ICSU Side Event<br>Trusted Data Services to Support Climate Change Research | CL-01<br>SB-02  | Presentation and discussion of GEO at special event convened by the International Council for Science (ICSU) prior to beginning of the premier climate science conference ahead of COP21. Discussed the key achievements of GEO and GEOSS in terms of advancing understanding of anthropogenic climate change; the integrated scientific contributions that can enable / inform concrete transformations to sustainability; and 3-5 priority climate change research questions that need to be addressed in the coming years. Building on the IPCC/UNFCCC/GCOS Event in Bonn where the GEO Secretariat presented GEO's vision and objectives, and the GEOSS framework, ICSU asked GEO to participate in the subject Side Event at the 'Our Common Future under Climate Change' Science Conference. The conference also provided an opportunity to meet with contributors and leads of the GEO climate and land cover tasks. Secretariat has been invited and accepted to sign the outcome statement of the conference which will feed into COP-21. A lunch meeting was held with Secretariat Director and the Executive Director and other representatives of Future Earth to explore areas of | Cripe<br>Ryan<br><br>Obregon | 6 July<br><br>7-10 July |

| <b>PARTICIPATION IN MEETINGS AND EVENTS: 1 JULY – 31 OCTOBER 2015</b> |               |  |                 |   |               |                |
|---|---------------|--|-----------------|---|---------------|----------------|
| <b>Place</b>  | <b>Region</b> | <b>Event</b>   | <b>GEO Task</b> | <b>Results</b>  | <b>Person</b> | <b>Date</b>    |
|   |               |  |                 | collaboration.  |               |                |
| Salzburg, Austria   | Europe        | GI Forum   | IN-03           | Secretariat Director was asked to deliver the Keynote Address at this international conference to further communicate the vision, goals and framework of GEO, and to strengthen support within Europe for GEOSS.  | Ryan          | 10 July        |
| New York, USA   | Americas      | ISGM22 and UNGGIM  | ID-01<br>IN-03  | As an Observer to the UNGGIM process, GEO continues to participate in the annual meetings to ensure close collaboration between the more traditional mapping/geospatial agencies and the broader Earth observation communities. This meeting, in particular, ensured that a new group being formed by UNGGIM builds on the work of the GEO Data Management Principles Task Force (DMP-TF), rather than duplicating that effort.   | Ryan          | 4-7 August     |
| Washington, USA   | Americas      | GeoBuiz and GEO-INEGI-GWF Meeting and Courtesy Calls to US State Dep., NOAA, USGS & the World Bank | All             | Leveraging the UNGGIM trip, the Secretariat Director was asked to deliver a talk, participate on a panel, and conduct several video interviews at the GeoBuiz Conference in Washington, D.C. In addition to communicating proposed plans for the next decade of GEO, feedback regarding the increased interest in GEO from the commercial sector was sought. This trip was also used to meet with US GEO agencies, as well as The World Bank. Discussions with the Bank centered on their potential interest in becoming a Participating Organization in GEO. | Ryan          | 10-13 August   |
| Troy, New York State, USA   | Americas      | Institutions and Development Implementation Board (IDIB) Meeting                                   | ID-02           | The 11th IDIB meeting focussed on developing the final Strategic Target Assessment and developing a transition Roadmap of its activities.   | Mlisa         | 9-10 September |
| Beijing, China  | Asia-Oceania  | 8 <sup>th</sup> GEOSS Asia Pacific   | All             | As the annual cornerstone event for the Asia-Oceania Caucus, with funding support from Japan, the Secretariat was intimately involved   | Chu Ochiai    | 9-11 September |



| <b>PARTICIPATION IN MEETINGS AND EVENTS: 1 JULY – 31 OCTOBER 2015</b> |               |              |                 |   |               |             |
|---|---------------|--------------|-----------------|---|---------------|-------------|
| <b>Place</b>  | <b>Region</b> | <b>Event</b> | <b>GEO Task</b> | <b>Results</b>  | <b>Person</b> | <b>Date</b> |
|   |               | Symposium    |                 | <p>with China and Japan in the planning and implementation of this year's event. Breakout Sessions for almost all of GEO's SBAs were held with participants from the entire Caucus. A key deliverable from the Symposium was the realization that this event serves as a de facto regional initiative. The collaboration among all the participants in each of the projects, in advance, during and after the Symposium, is exactly the dynamic one hopes to achieve in each of the more formal regional initiatives. The Symposium was co-organized by MOST, MEXT and GEO Secretariat and attended by approximately 220 participants from 27 countries. Discussions focused on theme "Towards the next decade of GEOSS in the Asia Pacific Region". Plenary presentations were made by 15 countries and international organizations on recent national and regional GEO activities. Six parallel sessions addressed ideas regarding future collaboration in the Asia-Pacific region over the next decade in areas including, Disaster Monitoring; Asia-Pacific GEOSS Data Sharing and GCI Development; Agriculture and Food Security (GEOGLAM); Asia-Pacific Biodiversity Observation Network (AP-BON); Asian Water Cycle Initiative (AWCI) and Global Carbon Monitoring. Panel discussions looked at challenges and potential solutions of data sharing in their domains, reporting on substantial contributions to the GEO Work Programme in 2017 and beyond, as well as ideas on GEO participation in the Global Agenda including the Sustainable Development Goals, the UNFCCC Framework and the Sendai Framework on Disaster Risk Reduction. The GEO Secretariat provided the presentation of the GEO Transitional Work Program 2016 and also moderated the panel discussion with regard to the Asia-Pacific Region Contributions to the GEO Work Programme. The GEO Secretariat provided the summary statement of the symposium.</p> | Ryan          |             |

| <b>PARTICIPATION IN MEETINGS AND EVENTS: 1 JULY – 31 OCTOBER 2015</b> |               |   |                 |  |                     |                 |
|---|---------------|---|-----------------|--|---------------------|-----------------|
| <b>Place</b>  | <b>Region</b> | <b>Event</b>  | <b>GEO Task</b> | <b>Results</b>   | <b>Person</b>       | <b>Date</b>     |
| Brussels, Belgium   | Europe        | Courtesy Call with European Commission officials; participation in: Global Mercury Observation System (GMOS) meeting, and celebration of 30th anniversary of Belgian Earth Observation Office | All             | Director Ryan was asked to deliver speeches at two Events in Brussels – the final meeting of the GMOS team, along with EC Co-Chair Strohmeier, and the 30-year Anniversary of the Belgian Space Programme Office. The first event was used to discuss future plans for GEO and communicate desirable components for future Flagship Initiatives. Participants at the second event were most interested in seeing results, both economic and environmental, from broad, open data policies. The trip was also an opportunity to meet with colleagues from RTD to increase communication regarding expectations and collaboration. | Ryan                | 16-17 September |
| Darmstadt, Germany  | Europe        | CEOS SIT Technical Workshop   | All             | Secretariat gave an update on the GEO Strategic Plan, GEO Work Programme and the planning for the Ministerial Summit. Several topics of the meeting were related to GEO activities (such as GEOGLAM, GFOI, GEOSS Water Strategy, and discussion on SDGs).  | Obregon             | 16-18 September |
| Taipei, Taiwan  | Asia-Oceania  | Visit to NSPO and SotM meeting  | IN-01<br>IN-02  | <p>The GEO Secretariat was invited to visit the NSPO (Taiwan National Space Organization) to discuss its potential contributions to GEOSS development. The NSPO is prepared to contribute the FORMOSAT satellite data to GEO Tasks, such as GFOI and GEOGLAM.</p> <p>The GEO Secretariat was invited to deliver a keynote address to the SotM (State of the Map) meeting; remarks focused on the need/opportunity to build on the collective resources available through</p>   | Ochiai <sup>2</sup> | 17-18 September |

<sup>2</sup> Accommodation and partial airfare sponsored by the meeting organizer

| PARTICIPATION IN MEETINGS AND EVENTS: 1 JULY – 31 OCTOBER 2015 |        |   |          |   |                 |  |
|--|--------|---|----------|---|-----------------|--|
| Place  | Region | Event   | GEO Task | Results   | Person          | Date   |
|  |        |   |          | the numerous volunteer mapping activities based on the OpenStreetMap technology, in particular after disaster crisis happened. The GEO Secretariat met the chairperson of the OpenStreetMap foundation and invited them to the GEO Plenary and Ministerial Summit as a guest.   |                 |  |
| Paris, France  | Europe | Participation in: the 7th Summit of Earth Observation Business; in a OECD Event; in the Networking the Earth Observation Networks in Europe (ENEON), and in the 6th Plenary of the Research Data Alliance (RDA) | All      | Director Ryan was asked to join a Panel discussion at the 7 <sup>th</sup> EOB Summit to discuss open data policies and challenges/opportunities for the private sector. The role of Public/Private Partnerships (PPPs) was the subject of much discussion among all the panellists. The OECD Event focused on GEO's Water SBA, the nexus with Climate, and the role of standards, like Water ML, in sharing and using data more broadly. The meeting was also used to communicate GEO's efforts with OECD Members who did not know their countries are also GEO Members. A side meeting to discuss OECD's interest in potentially becoming an Observer in GEO was also held. A short talk was given at the ENEON meeting to describe the proposed future Work Programme, and how <i>in situ</i> coordination could be expanded by this group. Lastly, a keynote address was delivered at RDA's Annual Conference describing GEO and the potential for increased collaboration between the two organizations. Ryan, through her keynote speech, called for 'Unleashing the Power of Earth Observations – Together'. Synergies between GEO and RDA were discussed. Several technical solutions worked out by RDA community were identified to be leveraged in implementing the Data Sharing Principles and Data Management Principles. EC Co-Chair Robert Jan-Smits provided Opening Remarks at the RDA Conference. | Ryan<br><br>Chu | 18-23<br>September<br><br>23-25<br>September |
| Hague, The   | Europe | Geodata for Agriculture and   | AG-01    | The G4AW project is piloting development of services with EO that have a valid business case whilst servicing smallholder farmers. The  | Mlisa           | 21-22<br>September                           |

| <b>PARTICIPATION IN MEETINGS AND EVENTS: 1 JULY – 31 OCTOBER 2015</b> |                         |   |                 |   |                     |                                   |
|---|-------------------------|---|-----------------|---|---------------------|-----------------------------------|
| <b>Place</b>  | <b>Region</b>           | <b>Event</b>                                | <b>GEO Task</b> | <b>Results</b>  | <b>Person</b>       | <b>Date</b>                       |
| Netherlands   |                         | Water (G4AW) Workshop                       | ID-02           | AfriGEOSS and GEOGLAM project were well received by attendees and the relationship with the Netherlands Space Office strengthened.  |                     |                                   |
| Heraklion, Greece   | Europe                  | 4th Meeting of the GEO Global HF Radar Task | IN-01           | The focus of this meeting was to review the status of the GEO Task, as well as operational aspects of HF radar. Presentations discussed individual nation's networks and contributions, including data management, deployment and operations, as well as applications of the HF radar data to real-world problems. A joint session with the GOOS meeting examined how HF Radar should be situated within GOOS. The meeting concluded with a series of actions aimed at expanding the HF Radar network globally. | Cripe               | 22-23 September                   |
| Simon's Town, South Africa  | Africa                  | The 23rd GCOS Steering Committee            | CL-01           | Secretariat reported on the role of climate in the new GEO Strategic Plan and the next GEO Work Programme. Avenues for strengthening the GCOS / GEO connections were discussed.   | Obregon             | 29 September - 2 October          |
| <b>Communities / Initiatives under Development</b>                    |                         |   |                 |   |                     |                                   |
| Abu Dhabi, UAE  | Middle East/Arab Region | Eye on Earth (EoE) Meeting                  | All             | Participated in the Project Management Team meeting (2-3 September) for the Eye on Earth 2015 Summit (October 6-8, 2015); GEO is one of six Core Partners of the Eye on Earth Alliance, along with Environment Agency of Abu Dhabi (EAD), International Union for the Conservation of Nature (IUCN), United Nations Environment Programme (UNEP) and World Resources Institute (WRI). Participated in Partners meeting (20-21 September) to finalize of Eye on Earth Alliance governance.                       | Samors <sup>3</sup> | 2-3 September and 20-21 September |

<sup>3</sup> No-cost mission

| <b>PARTICIPATION IN MEETINGS AND EVENTS: 1 JULY – 31 OCTOBER 2015</b> |                               |  |                 |  |  |                  |
|---|-------------------------------|--|-----------------|--|--|------------------|
| <b>Place</b>  | <b>Region</b>                 | <b>Event</b>                                       | <b>GEO Task</b> | <b>Results</b>   | <b>Person</b>  | <b>Date</b>      |
| Abu Dhabi,<br>UAE   | Middle<br>East/Arab<br>Region | Eye on Earth 2015<br>Summit                        | All             | <p>GEO South Africa Co-Chair, Phil Mjwara, along with representatives of the GEO community and Secretariat participated in the highly successful Eye on Earth Summit 2015 in Abu Dhabi on 6-8 October. Co-sponsored by GEO and the Environment Agency of Abu Dhabi (EAD), Abu Dhabi Global Environmental Data Initiative (AGEDI), International Union for the Conservation of Nature (IUCN), UN Environmental Programme (UNEP) and the World Resources Institute (WRI), the Summit attracted close to 600 thought leaders in the field of data and information for sustainable development.</p> <p>Co-Chair Mjwara participated in the Plenary Session on Day Two, hosted by Secretariat Director Ryan, and represented GEO at a meeting of the Principals of the six organizations that now comprise the Eye on Earth Alliance. As an Alliance Partner, GEO will participate in the Governance of Eye on Earth and help to oversee management of a virtual secretariat scheduled to begin operations on 1 January 2016. In addition, GEO will assist in the work of the EoE Special Initiative on Global Network of Networks (GNON), with a focus on identifying the areas of complementarity and collaboration between the GNON and GCI/GOESS community.</p> | Bérod <sup>4</sup><br>Chu <sup>4</sup><br>Geller <sup>4</sup><br>Mlisa <sup>4</sup><br>Ochiai <sup>4</sup><br>Ryan <sup>4</sup><br>Samors <sup>4</sup> | 6-8 October      |
| Jerusalem,<br>Israel  | Europe                        | International<br>Astronautical<br>Federation (IAF) | IN-03           | <p>Secretariat Director Ryan joined the GEOSS Subcommittee of IAF meeting on Sunday, 11 October. This Subcommittee, previously chaired by NOAA and ESA, and now by NASA and ESA, is designed to bring greater attention within the IAF community (a relatively new Participating Organization in GEO) to GEOSS. This particular meeting was used to help frame an agenda for the next year. The</p>  | Ryan   | 12-15<br>October |

<sup>4</sup> Air ticket, accommodation and meals covered by the meeting organizer.

| <b>PARTICIPATION IN MEETINGS AND EVENTS: 1 JULY – 31 OCTOBER 2015</b> |               |                             |                 |  |               |                |
|---|---------------|-----------------------------|-----------------|--|---------------|----------------|
| <b>Place</b>  | <b>Region</b> | <b>Event</b>                | <b>GEO Task</b> | <b>Results</b>   | <b>Person</b> | <b>Date</b>    |
|   |               |                             |                 | Secretariat Director advocated using the work in Australia on the DataCube as a vehicle to show new approaches to data integration -- made possible by broad, open data policies.  |               |                |
| Reykjavik, Iceland  | Europe        | Arctic Circle Assembly 2015 | WA-01           | Building on the Cold-Regions effort within GEO, this Event is used to reinforce existing participation in the initiative, and increase the awareness of GEO and GEOSS as a framework for greater collaboration. The President of Iceland, as the champion of this annual event brings together governments, both Arctic Nations and others, civil society, including a special focus on indigenous peoples and the private sector. Stronger linkages between GEO, leveraging the GCI, and the Arctic Council's efforts to build a spatial data infrastructure were discussed. Follow-up discussions will be held after GEO-XII and the Mexico City Ministerial Summit. Lastly, preliminary discussions were held with the organizers to propose a 'State of Arctic Observations' at next year's Event. | Ryan          | 16-18 October  |
| <b>GEO to 2025</b>  |               |                             |                 |  |               |                |
| Cape Town, South Africa   | Africa        | Cape Town Maker Conference  | All             | Director Ryan was asked to provide a keynote address at this event, comprised of young entrepreneurs regarding the importance of Earth observations and the potential for increased data integration and application development from these data. A vibrant community exists that heretofore is largely untapped with the global 'Maker Movement'.   | Ryan          | 20 August      |
|   |               | 6th Session of the          |                 | The GEO Secretariat was invited to participate to the sixth session of the WMO EC-PHORS. The panel is chaired by David Grimes  | Bérod         | 8-11 September |



**PARTICIPATION IN MEETINGS AND EVENTS: 1 JULY – 31 OCTOBER 2015**

| <b>Place</b>          | <b>Region</b> | <b>Event</b>  | <b>GEO Task</b> | <b>Results</b>   | <b>Person</b> | <b>Date</b> |
|-----------------------|---------------|---|-----------------|--|---------------|-------------|
| Reykjavik,<br>Iceland | Europe        | Panel of Experts<br>on Polar and High<br>Mountain<br>Observations,<br>Research and<br>Services (EC-<br>PHORS) | WA-01           | (President of WMO) and Rob Vertessy (Director of Australian bureau of meteorology). Members of the Panel are coming from national authorities, ESA and from research institutes and international association. The secretariat is led by WMO. The GEO Secretariat provided a presentation on Cold Region activities and the candidate initiative for the WP 2016. It was a good opportunity for enhancing the cooperation between existing coordination mechanisms from WMO and others and GEO. A discussion with the President of Iceland was also organized, in order to examine the possible contribution from EC-PHORS to President's initiative in the Arctic and Himalaya regions. |               |             |

| <b>FORWARD TRAVEL PLAN, 1 NOVEMBER - 31 DECEMBER 2015</b> |               |  |                 |   |                      |                    |
|---|---------------|--|-----------------|---|----------------------|--------------------|
| <b>Place</b>  | <b>Region</b> | <b>Event</b>                                       | <b>GEO Task</b> | <b>Results</b>  | <b>Person</b>        | <b>Date</b>        |
| <b>Core GEO Meetings</b>                                  |               |  |                 |   |                      |                    |
| Mexico City, Mexico                                       | Americas      | GEO-XII and Mexico City Ministerial Summit         | All             | Support organization and execution of 35 <sup>th</sup> Executive Committee, GEO-XII Plenary, Mexico City Ministerial Summit and associated Side Events and Exhibition.  | GEO Secretariat      | 9-13 November      |
| <b>Special Initiatives</b>                                |               |  |                 |   |                      |                    |
| San Francisco, USA  | Americas      | American Geophysical Union (AGU) Fall Meeting 2015 | All             | GEO Secretariat is participating in several Side Events and will be chairing several panels. It also provides an opportunity to meet with contributors and leads for many GEO Initiatives, as well as describe plans for the next decade. | Cripe Geller Obregon | 14-18 December     |
| <b>GEOSS Implementation</b>                               |               |  |                 |   |                      |                    |
| Bali, Indonesia   | Asia-Oceania  | APRSAF-22  | All             | GEO Secretariat is participating by giving a talk at this event as one of the international organizations. APRSAF is considering becoming a GEO Observer, and it will be discussed at this meeting.                                       | Ochiai               | 1-4 December       |
| <b>Communities / Initiatives under development</b>        |               |  |                 |   |                      |                    |
| Kyoto, Japan  | Asia-Oceania  | CEOS Plenary                                       | IN-01           | CEOS Meeting and Earth Observation Summit.  | Ochiai               | 3-6 November       |
| <b>GEO to 2025</b>  |               |  |                 |   |                      |                    |
| Paris, France   | Global        | COP-21   | Cross-cutting   | GEO to join several Side Events and the SBSTA meeting on sustained observations.  | Ryan                 | 1-3 and 8 December |

**APPENDIX 1**
**SPECIAL SERVICE AGREEMENTS (SSAs)**

| <b>Special Service Agreements (June – December 2015)</b> |                              |                    |   |  |                      |
|--|------------------------------|--------------------|---|--|----------------------|
| <b>Date</b>  | <b>Name</b>                  | <b>Nationality</b> | <b>Type and Dates of Contract</b>                                     | <b>Purpose</b>   | <b>Amount in CHF</b> |
| <b>2015</b>  |                              |                    |   |  |                      |
| Jun.   | Ms Bente Lilja Bye           | Norwegian          | SSA (Special Service Agreement), 1 – 30 Jun. 2015 (1 month)           | To plan and execute 1-2 webinars in June 2015  | 7,500                |
| Jun.   | Ms Suzy Madge                | British            | SSA (Special Service Agreement), 26 – 30 Jun. 2015 (3 working days)   | To prepare and co-deliver a retreat for the GEO Secretariat  | 2,149                |
| Jun.   | Mr Mark Quirk                | British            | SSA (Special Service Agreement), 26 – 30 Jun. 2015 (3 working days)   | To prepare and co-deliver a retreat for the GEO Secretariat; and to provide 10 full Strength Reports | 2,606                |
| Sep.   | Mr Robert Samors             | American           | SSA (Special Service Agreement), 2 Sep. 2015 - 31 May 2016 (6 months) | To cover the completion of tasks pertaining to the elapsed fixed-term contract                       | 76,190               |
| Oct.   | Mr Sebastian Duarte Martinez | Colombian          | SSA (Special Service Agreement), 1 – 31 Oct. 2015 (1 month)           | For the initial development of the functional web version of Bon in a Box                            | 8,658                |

**APPENDIX 2**
**LIST OF LETTER OF AGREEMENTS (JUNE – DECEMBER 2015)**

(Unless identified otherwise, LoAs cover

**Travel Support for Participants from Developing Countries)**

| <b>Number</b>  | <b>Subject</b>   | <b>Total LoA</b> |
|----------------|--|------------------|
| GEOLoA/2015/03 | LoA_GEO-COSPAR<br><br>COSPAR's second Symposium, with the theme Water and Life in the Universe, Foz do Iguaçu, Brazil, 9-13 November 2015  | USD 5,000        |
| GEOLoA/2015/04 | LoA_GEO-ICSU<br><br>International Scientific Conference "Our Common Future under Climate Change", Paris, France, 7-10 July 2015  | USD 10,000       |
| GEOLoA/2015/06 | LoA_GEO-Anwendungszentrum GmbH Oberpfaffenhofen<br><br>The implementation of the Copernicus Masters 2015 competition (University Challenge) organised by AZO "on behalf of the European Commission and the European Space Agency". | CHF 5'000        |
| GEOLoA/2015/07 | LoA_GEO- Satellite Surveying and Mapping Application Centre, National Administration of Surveying<br><br>Eighth GEOSS Asia-Pacific Symposium, Beijing, China, 9-11 September 2015  | CHF 100,000      |
| GEOLoA/2015/08 | LoA_GEO-CODATA<br><br>The analysis of the global situation with respect to the value of Open Access to Earth observation data and submit the findings in a   | USD 19,000       |

| <b>Number</b>  | <b>Subject</b>   | <b>Total LoA</b> |
|----------------|--|------------------|
|                | White Paper to be delivered by 31 July 2015  |                  |
| GEOLoA/2015/09 | LoA_GEO-NARSS<br>AfriGEOSS Data & Infrastructure Coordination Team Meeting, Cairo, Egypt, 20-22 July 2015.   | USD 7,500        |
| GEOLoA/2015/10 | LoA_GEO-COSPAR<br>41st COSPAR Scientific Assembly and Associated Events, Istanbul, Turkey, 30 July - 7 August 2015   | USD 5,000        |
| GEOLoA/2015/11 | LoA_GEO - Ministry of National Property (Chile)<br>International GEO Workshop, Santiago, Chile, 9 September 2015   | CHF 5,000        |
| GEOLoA/2015/12 | LoA_GEO-ICSU<br>Publishing a booklet "ICSU and Climate Science", to be distributed at the 21st UNFCCC Conference of the Parties (COP21), Paris, France, 7-8 December 2015. | EUR 5,000        |
| GEOLoA/2015/13 | LoA_GEO-NARSS<br>African Leadership Conference 2015, Sharm El-Sheikh, Egypt, 1-4 Dec 2015  | CHF 10,000       |
| GEOLoA/2015/14 | LoA_GEO-GeoSpatial<br>GEO-XII Plenary, Mexico City Ministerial Summit, and Latin America Geospatial Forum (LAGF) 2015, Mexico City, Mexico, 10-12 November 2015            | USD 25,000       |

**APPENDIX 3****TABLE 1**

| <b>INTEREST EXPRESSED IN GEO MEMBERSHIP</b> |  |                              |  |
|---|--|------------------------------|--|
| <b>Country</b>                              | <b>Institution / Ministry</b>  | <b>Documentation Sent On</b> | <b>Membership Letter Received by GEO</b> |
| Jordan                                      | Royal Jordanian Geographic Centre  | Aug-2015                     |  |
| Kenya                                       | Kenyan Society of Exploration Geophysicists  | Jul-2013                     | 8 Oct 2015                               |
|   | National Space Secretariat   | Jan-2014                     |  |
|   | Kenya Water Institute  | Nov-2014                     |  |
| Somalia                                     | Ministry of Energy and Water Resources   | Aug-2015                     | 26 Aug 2015                              |
| Sri Lanka                                   | Survey Department of Sri Lanka   | Sept-2015                    |  |
| Togo  | Permanent Mission of Togo to the United Nations Office and other International Organizations in Geneva | Jul-2014                     |  |
|   | Université de Lomé, Centre De Gestion Intégrée du Littoral et de l'Environnement                       | Feb-2015                     |  |
|   | Ministry of Environment and Forestry Resources   | Aug-2015                     |  |
| Uruguay                                     | Permanent Mission of Uruguay to the United Nations Office in Geneva                                    | Nov-2013                     |  |
|   |  | May-2015                     |  |
|   | Servicio Geografico Militar  | Aug-2015                     |  |
|   |  | Oct-2015                     |  |
| Venezuela                                   | GeoSUR Programme, Latin America Development Bank   | Mar-2013                     |  |
|   | Permanent Mission of the Bolivarian Republic of Venezuela to the United Nations Office in Geneva       | May-2015                     |  |
|   |  | Oct-2015                     |  |



**TABLE 2**

| <b>INTEREST EXPRESSED IN GEO PARTICIPATING ORGANIZATION STATUS</b> |                              |                             |
|--|------------------------------|-----------------------------|
| <b>Organization</b>  | <b>Documentation Sent on</b> | <b>Application Received</b> |
| Black Sea River Basin Commission                                   | May-2015<br>Sept-2015        | 26 Oct 2015                 |
| The World Bank Group   | May-2015                     | 30 Sept 2015                |

**TABLE 3**

| <b>INTEREST EXPRESSED IN GEO OBSERVER STATUS</b> |                                  |                                 |
|--|----------------------------------|---------------------------------|
| <b>Organization</b>                              | <b>Documentation<br/>Sent on</b> | <b>Application<br/>Received</b> |
|  |                                  |                                 |