

New Members, Participating Organizations and Observers

This document is provided to Plenary for information. With these actions, the total number of GEO Members is 105; Participating Organizations is 118; and Observers is 12.

New Members, Participating Organizations and Observers

Membership in the Group on Earth Observations (GEO) is open to all Member States of the United Nations and to the European Commission. GEO also welcomes, as Participating Organizations, intergovernmental, international, and regional organizations, development banks, foundations, non-governmental organizations, and not-for-profit associations of commercial entities with a mandate and/or interest in, or be a user of Earth observations, information or services – that is the full spectrum, and/or value chain from data collection to use. While no approval is necessary for Member Countries, acceptance of Participating Organizations and Observers is subject to approval by the GEO Executive Committee.

Since the last Plenary, the following actions have taken place.

1 NEW MEMBERS

- 104th Member: The Royal Government of Cambodia, effective 23 January 2017; and
- 105th Member: The Sultanate of Oman, effective 24 April 2017.

Total number of Member Governments in GEO: 105 (104 Countries and the European Commission).

2 PARTICIPATING ORGANIZATIONS

Following the delegation of authority, from Plenary to the GEO Executive Committee, for the approval of Participating Organizations and Observers (GEO-XII, Mexico City), the following organizations were approved in 2017:

Approved at the 39th Session of the GEO Executive Committee, 9-10 March 2017:

- CI, Conservation International (CI);
- Earthmind;
- GODAN, Global Open Data for Agriculture and Nutrition, and
- UNICEF, United Nations Children’s Fund.

Approved at, or following, the 40th Session of the GEO Executive Committee, 11-12 July 2017:

- AGRHYMET Regional Centre;
- COMIFAC, Central African Forest Commission / Commission des Forêts d’Afrique Centrale;
- CRCSI, Cooperative Research Centre for Spatial Information;
- CSDMS, Community Surface Dynamics Modeling System;
- ECLAC, United Nations Economic Commission for Latin America and the Caribbean;
- EuroGeographics;
- ISESTEL, Institut Supérieur d’Etudes Spatiales et Télécommunications ;
- The Paul G. Allen Philanthropies; and
- WRI, World Resources Institute.

Total number of Participating Organizations in GEO: 118

3 OBSERVERS

There were no new Observers this past year.

Total number of Observers in GEO: 12

APPENDIX

MEMBERS



KINGDOM OF CAMBODIA
Nation Religion King

Ministry of Planning
No. 063 MOP

Phnom Penh, 20 January 2017

Dr Barbara Ryan
Director
GEO Secretariat
7 bis, Avenue de la Paix
1211 Geneva 2
Switzerland

Dear Dr. Ryan,

Subject: Request to become a member of the Intergovernment Group on Earth Observations (GEO).

It is my honour to inform you of the decision of the Royal Government of Cambodia, made on 23 January 2017, to become a Member of the intergovernmental Group on Earth Observations (GEO).

To this end, the Royal Government of Cambodia recognizes the Resolution of the Third Earth Observation Summit which established GEO, and affirms its intention to take the necessary steps to implement the Global Earth Observation System of Systems (GEOSS).

The Royal Government of Cambodia endorses the *GEO Strategic Plan 2016-2025: Implementing GEOSS* in order to fulfil user requirements among various socio-economic benefit areas, while noting with appreciation the extensive supporting information in the GEO Strategic Plan Reference Document.

The Royal Government of Cambodia also affirms its intention to provide, on a best efforts basis, the support necessary to execute the GEO Strategic Plan 2016-2025.

Please find enclosed the form for the designation of Principal Representatives and Alternate Representatives for your use. *Ver SKS*

Yours sincerely,



CHHAY THAN
Senior Minister

Minister of Planning
Royal Government of Cambodia



REF: NCSI/NSDI/ 622/2017
DATE: 24/04/2017

To : Dr Barbara Ryan
Director GEO Secretariat
7 bis, Avenue de la Paix
1211 Geneva 2
Switzerland

Dear Dr Ryan,

I am happy to inform you of that National Centre for Statistics and Information would like to become a Member of the intergovernmental Group on Earth Observations (GEO) as representative of Sultanate of Oman.

National Centre for Statistics and Information is sole entity responsible for National Statistics, National Information and National Spatial Data Infrastructure in Sultanate of Oman

To this end, the National Centre for Statistics and Information recognizes the Resolution of the Third Earth Observation Summit, which established GEO, and affirms its intention to take the necessary steps to implement the Global Earth Observation System of Systems (GEOSS).

The National Centre for Statistics and Information endorses the GEO Strategic Plan 2016-2025: Implementing GEOSS in order to fulfil user requirements among various socio-economic benefit areas, while noting with appreciation the extensive supporting information in the GEO Strategic Plan Reference Document.

The National Centre for Statistics and Information also affirms its intention to provide, on a best efforts basis, the support necessary to execute the GEO Strategic Plan 2016-2025.

The National Centre for Statistics and Information look forward for a closer interaction with GEO to support implementing the best practices and share technical knowledge about the sectors being worked upon by GEO.



Please find enclosed the form for the designation of Principal Representatives and Alternate Representatives for your use.

Yours sincerely,

Dr. Khalifa Al Barwani
Chief Executive Officer
National Centre for Statistics & Information



PARTICIPATING ORGANIZATIONS

Application for Participating Organizations in the Group on Earth Observations (GEO)

GEO welcomes, as Participating Organizations, intergovernmental, international, and regional organizations, development banks, foundations, non-governmental organizations, and not-for-profit associations of commercial entities that either: i) have a mandate and/or strong interest in, or ii) are providers or users of, Earth observations, information or services. The Applicant should exhibit clear connections to a point or points along the full spectrum or value chain of Earth observations, from data collection, processing and provision, to information and knowledge development, applications, and/or use.

Name of organization: Conservation International

Acronym: CI

Type of organization: Intergovernmental International Regional
 Development Bank Foundation Non-Governmental Organization
 Not-for-Profit Association of Commercial Entities

Brief description of organization's mission/purpose:

Building upon a strong foundation of science, partnership and field demonstration, CI empowers societies to responsibly and sustainably care for nature, our global biodiversity, for the well-being of humanity.

Proposed contribution to GEOSS implementation and/or the GEO community at large:

Conservation International (CI) actively participates and contributes to a number of the SBA's and Initiatives, most notably, GEOBON and EO4EA. We have a strong science division with a remote sensing and GIS Lab, and a network of field-based country programs that test and deliver nature-based solutions. We look forward to seeing how we may be able to contribute more towards the GEO Strategic plan utilizing our strengths and assets in science delivery, pilot testing, and implementation.

(Please see Appendix I for more information.)

As part of the application for recognition as a GEO Participating Organization, the *GEO Strategic Plan 2016-2025: Implementing GEOSS* is hereby formally endorsed:

Signature:  _____

(On behalf of Organization)

Date: 1/19/17

Appendix I:

For over 30 years, CI has connected nature-based solutions with a wide spectrum of decisions and policy; Earth Observation (EO) data have been a key tool in our efforts. We have a long history of accomplishments in remote sensing tools and methods development, capacity building and connecting key decision makers with EO data. Our relevant work and potential contribution to GEO ranges across various themes including satellite-based forest monitoring, early warning systems for biodiversity loss, manned and unmanned aerial survey, and *in situ* field data collection for short and long term ecological research. With this application we highlight just a few of our current engagements with GEO thus far:

Jenny Hewson has been contributing to GEOSS/GEO through the Intergovernmental Personnel Act (IPA) agreement with USGS providing technical support and capacity building via SilvaCarbon, the US Government's contribution on REDD to the Forest Carbon Tracking (FCT) task and the capacity building pillar of the Global Forest Observation Initiative (GFOI).

Ian Harrison has co-led the Freshwater Ecosystem Change working group of GEO BON. As the freshwater components are being restructured, he continues to participate in the Global Wetlands Observing System (CI was part of the early planning of GWOS) and the Freshwater BON in development. Dr. Harrison also contributed to [the freshwater chapter of the GEO Handbook on Biodiversity Observation Networks](#) and to a [paper](#) that examined how the GEO BON Essential Biodiversity Variables could be applied to freshwater. Dr. Harrison looks forward to further contributing to the GEO Wetlands Initiative (closely linked to the Sustainable Water Future Programme) and to the GEO ECO group.

Jorge A. Ahumada, who leads the Tropical Ecology Assessment and Monitoring (TEAM) network at CI, has collaborated with GEO BON scientists in the development of technical guidelines for the implementation of the Essential Biodiversity Variables (EBV's) at the global scale (manuscript submitted). TEAM implements the Wildlife Picture Index (WPI), a global indicator to measure wildlife trends in tropical forests worldwide (see <http://data.geobon.org/>). Dr. Ahumada attended the GEO BON meeting in July 2016, and continues to collaborate in the development of EVB's and *BON In A Box* concepts.

CI's Moore Center for Science (MCS, formerly known as CABS) has also played a key role in assimilating data for the Red List and for defining KBAs, both critical tools for measuring Essential Biodiversity Variables – a cornerstone of much of the GEO BON work.

Finally, CI, an organization active in applied research and and technical assistance to governments on ecosystem accounting, was a founding member of the EO4EA Initiative. We look forward to working with the various governments of the Initiative to deliver the next generation standards for earth observation in ecosystem accounting, and encourage developing country governments we work with to join GEO.

Other staff members who have been delegates to various GEO SBA's and Initiatives include David Singh, Sandy Andelman, Marc Steininger, John Musinsky, Doug Muchoney, and Daniel Juhn.

Application for Participating Organizations in the Group on Earth Observations (GEO)

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Name of organization:

Earthmind

Acronym:

none

Type of organization: Intergovernmental International Regional
 Development Bank Foundation Non-Governmental Organization
 Not-for-Profit Association of Commercial Entities

Brief description of organization's mission/purpose:

Our work focuses on activities within the scope of SDGs 14 and 15 on conserving marine and terrestrial ecosystems in the context of SDG 8 on inclusive and sustainable economic growth and SDG 17 on implementation – i.e., trade, finance, policy coherence, and partnerships.

We are a not-for-profit, non-governmental association - in accordance with Article 60 of the Swiss Civil Code - located at the IUCN Conservation Centre in Gland, Switzerland. (Please note that our sister organisation, Earthmind EURL, operates as a supporting sustainable development consultancy in France and is not applying to be a Participating Organisation of GEO.)

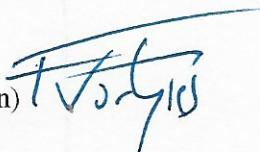
Proposed contribution to GEOSS implementation and/or the GEO community at large:

Our proposed contribution is the online, public Registry of Verified Conservation Areas. See <http://ConserveAreas.org>. The VCA Registry provides information on geographically-defined areas beyond legally protected areas being managed to conserve nature in the context of sustainable development. In this regard, as the VCA approach scales up, we believe we could make a substantive contribution to the GEO Strategic Plan, and notably to the work of the Biodiversity Observation Network (GEO BON), the Global Ecosystem Initiative (GEO ECO), the Earth Observations for Ecosystem Accounting (EO4EA), and the International Long-Term Ecological Research (ITLER) network.

As part of the application for recognition as a GEO Participating Organization, the *GEO Strategic Plan 2016-2025: Implementing GEOSS* is hereby formally endorsed:

Signature:

(On behalf of Organization)

 13.07.2017

Application for Participating Organizations in the Group on Earth Observations (GEO)

GEO welcomes, as Participating Organizations, intergovernmental, international, and regional organizations, development banks, foundations, non-governmental organizations, and not-for-profit associations of commercial entities that either: i) have a mandate and/or strong interest in, or ii) are providers or users of, Earth observations, information or services. The Applicant should exhibit clear connections to a point or points along the full spectrum or value chain of Earth observations, from data collection, processing and provision, to information and knowledge development, applications, and/or use.

Name of organization: Global Open Data for Agriculture and Nutrition

Acronym: GODAN

Type of organization: Intergovernmental International Regional
 Development Bank Foundation Non-Governmental Organization
 Not-for-Profit Association of Commercial Entities

Brief description of organization's mission/purpose:

GODAN supports the proactive sharing of open data to make information about agriculture and nutrition available, accessible and usable to deal with the urgent challenge of ensuring world food security. It is a rapidly growing group, currently with over 437 partners from national governments, non-governmental, international and private sector organisations that have committed to a joint Statement of Purpose.

The initiative focuses on building high-level support among governments, policymakers, international organizations and business. GODAN promotes collaboration to harness the growing volume of data generated by new technologies to solve long-standing problems and to benefit farmers and the health of consumers. We encourage collaboration and cooperation between stakeholders in the sector.

Proposed contribution to GEOSS implementation and/or the GEO community at large:

Both GODAN and GEOSS convene global partner networks which contribute to open data sharing specifically in agriculture and nutrition. It is in both of our best interests to collaborate on topics such as satellite imagery, geospatial remote sensing, and the data supply chain to achieve the best outcomes for our respective partner networks, access to information data, and global food security.



Application for Participating Organizations in the Group on Earth Observations (GEO)

GEO welcomes, as Participating Organizations, intergovernmental, international, and regional organizations, development banks, foundations, non-governmental organizations, and not-for-profit associations of commercial entities that either: i) have a mandate and/or strong interest in, or ii) are providers or users of, Earth observations, information or services. The Applicant should exhibit clear connections to a point or points along the full spectrum or value chain of Earth observations, from data collection, processing and provision, to information and knowledge development, applications, and/or use.

Name of organization: UNITED NATIONS CHILDRENS FUND

Acronym: UNICEF

- Type of organization: Intergovernmental International Regional
 Development Bank Foundation Non-Governmental Organization
 Not-for-Profit Association of Commercial Entities

Brief description of organization’s mission/purpose:


UNICEF is a leading humanitarian and development agency working globally for the rights of every child. Child rights begin with safe shelter, nutrition, protection from disaster and conflict and traverse the life cycle: pre-natal care for healthy births, clean water and sanitation, health care and education.

UNICEF has spent nearly 70 years working to improve the lives of children and their families. Working with and for children through adolescence and into adulthood requires a global presence whose goal is to produce results and monitor their effects. UNICEF also lobbies and partners with leaders, thinkers and policy makers to help all children realize their rights—especially the most disadvantaged.

Proposed contribution to GEOSS implementation and/or the GEO community at large:

Societal Benefit Areas of particular interest where we envisage being able to make a contribution include both water resources management and disaster resilience. UNICEF has learned through experience that problems that go unmeasured often go unsolved. We would look forward to collaborating with the GEO community to link the needs of the world’s most vulnerable populations to a rapidly expanding set of technology and data-driven solutions and partners. UNICEF is relatively new to such data innovation networks but the effort signals an attractive world in which a near real-time understanding of risks and global challenges allows us to work harder and faster, for children.

As part of the application for recognition as a GEO Participating Organization, the *GEO Strategic Plan 2016-2025: Implementing GEOSS* is hereby formally endorsed:

Signature: 
(On behalf of Organization)

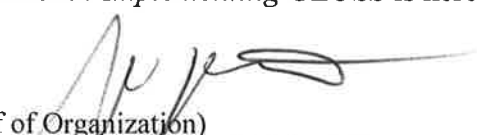
23 November 2016 .

As part of the application for recognition as a GEO Participating Organization, the *GEO Strategic Plan 2016-2025: Implementing GEOSS* is hereby formally endorsed:

Signature:

(On behalf of Organization)

Date:


ASHWINI KULKARNI
EXEC-DIRECTOR, GODAN
1/2/17

Application for Participating Organizations in the Group on Earth Observations (GEO)

GEO welcomes, as Participating Organizations, intergovernmental, international, and regional organizations, development banks, foundations, non-governmental organizations, and not-for-profit associations of commercial entities that either: i) have a mandate and/or strong interest in, or ii) are providers or users of, Earth observations, information or services. The Applicant should exhibit clear connections to a point or points along the full spectrum or value chain of Earth observations, from data collection, processing and provision, to information and knowledge development, applications, and/or use.

Name of organization: AGRHYMET REGIONAL CENTRE

Acronym: AGRHYMET

Type of organization: Intergovernmental International Regional
 Development Bank Foundation Non-Governmental Organization
 Not-for-Profit Association of Commercial Entities

Brief description of organization's mission/purpose:

AGRHYMET, a CILSS institution established in 1974, aims to (i) contribute to food security and increase agricultural production and (ii) help to improve the sustainable management of natural resources in the Sahel and West Africa areas. This necessarily involves the production of quality information and stakeholders training. In response to this expectation, AGRHYMET is receiving Earth Observation data from European and American satellites such as Modis, PROBA-V, MeteoSat, Sentinel 1 and downloading historical data on hydrological, meteorological and climatic parameters from TAMSAT, FEWSNET, CHIRPS, etc. and also data from global models to adapt them to West Africa context. AGRHYMET is one the core team of the SERVIR program.

Proposed contribution to GEOSS implementation and/or the GEO community at large:

By joining AFRIGEOSS, AGRHYMET intends to:

- Share its information platform on food security and sustainable management of natural resources in West Africa;
- Promote the development of geospatial technologies in particular in the sectors of agriculture, water resources, Natural Resource Management, etc. ;
- Strengthen the capacities of its experts and stakeholders in the CILSS / ECOWAS areas
- Contribute in curricula of degree training in CILSS/ECOWAS member states

As part of the application for recognition as a GEO Participating Organization, the *GEO Strategic Plan 2016-2025: Implementing GEOSS* is hereby formally endorsed:

Signature:

(On behalf of Organization)

Date:

14/04/2017



Application for Participating Organizations in the Group on Earth Observations (GEO)

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Name of organization: Commission des Forêts d'Afrique Centrale

Acronym: COMIFAC

Type of organization: Intergovernmental International Regional
 Development Bank Foundation Non-Governmental Organization
 Not-for-Profit Association of Commercial Entities

Brief description of organization's mission/purpose:

COMIFAC is the sub-regional institution of reference in harmonizing and monitoring forest and environmental policies in Central Africa. She directs, coordinates and makes decisions on the sub-regional actions and initiatives in the field of conservation and sustainable management of forest ecosystems.

Proposed contribution to GEOSS implementation and/or the GEO community at large:

Will contribute to AfriGEOSS through regional coordination and also based on its forestry activities (cf AXE 2 du Plan de convergence révisé).

As part of the application for recognition as a GEO Participating Organization, the *GEO Strategic Plan 2016-2025: Implementing GEOSS* is hereby formally endorsed:

Signature: 
(On behalf of Organization)

Date: 22 MAY 2017





Application for Participating Organizations to the Group on Earth Observation (GEO)

The Group on Earth Observations (GEO) is an international organization that provides a global forum for the exchange of information and ideas on Earth observations. GEO is a unique partnership of governments, academia, industry, and the private sector. GEO's mission is to coordinate and integrate Earth observations from space, land, and oceans to address global environmental and societal challenges. GEO provides a platform for the exchange of information and ideas on Earth observations, and for the development of policies and programs to address global environmental and societal challenges. GEO is a unique partnership of governments, academia, industry, and the private sector. GEO's mission is to coordinate and integrate Earth observations from space, land, and oceans to address global environmental and societal challenges.

Application Form for Participating Organizations

GENERAL INFORMATION

1. Name of the Organization: _____
2. Address: _____
3. Contact Person: _____
4. Telephone: _____
5. Fax: _____
6. E-mail: _____

7. Description of the Organization's Mission and Objectives: _____
8. Description of the Organization's Current and Planned Earth Observation Activities: _____
9. Description of the Organization's Current and Planned Earth Observation Data Products: _____
10. Description of the Organization's Current and Planned Earth Observation Data Users: _____

11. Description of the Organization's Current and Planned Earth Observation Data Products: _____
12. Description of the Organization's Current and Planned Earth Observation Data Users: _____
13. Description of the Organization's Current and Planned Earth Observation Data Products: _____
14. Description of the Organization's Current and Planned Earth Observation Data Users: _____



Signature: _____
Date: _____

Application for Participating Organizations in the Group on Earth Observations (GEO)

GEO welcomes, as Participating Organizations, intergovernmental, international, and regional organizations, development banks, foundations, non-governmental organizations, and not-for-profit associations of commercial entities that either: i) have a mandate and/or strong interest in, or ii) are providers or users of, Earth observations, information or services. The Applicant should exhibit clear connections to a point or points along the full spectrum or value chain of Earth observations, from data collection, processing and provision, to information and knowledge development, applications, and/or use.

Name of organization:

Community Surface Dynamics Modeling System

Acronym:

CSDMS

Type of organization: Intergovernmental International Regional
 Development Bank Foundation Non-Governmental Organization
 Not-for-Profit Association of Commercial Entities

Brief description of organization's mission/purpose:

CSDMS is an organization that promotes computational modeling of earth-surface processes by providing support for community, computing, and education. The Community Surface Dynamics Modeling System (CSDMS) deals with the Earth's surface - the ever-changing, dynamic interface between lithosphere, hydrosphere, cryosphere, and atmosphere. We are a diverse community of experts promoting the modeling of earth surface processes by developing, supporting, and disseminating integrated software modules that predict the movement of fluids, and the flux (production, erosion, transport, and deposition) of sediment and solutes in landscapes and their sedimentary basins.


Proposed contribution to GEOSS implementation and/or the GEO community at large:

Computational models are essential for making use of earth observational data, because they help turn raw measurements into useful information, provide a basis for understanding and interpreting observations, and extending observations through techniques such as interpolation, forecasting, scenario assessment, and data assimilation. CSDMS proposes to provide a conduit for GEO members to learn about earth-surface dynamics models, tools, and resources, while raising awareness about GEO data, resources, and activities within the CSDMS community. We propose to accomplish this mainly through enhanced communication between the two groups: this might consist, for example, of presentations at meetings of both organizations, email announcements, etc.

As part of the application for recognition as a GEO Participating Organization, the *GEO Strategic Plan 2016-2025: Implementing GEOSS* is hereby formally endorsed:

Event

Document #

Signature: 
(On behalf of Organization)

Date: 06/22/2017

Application for Participating Organizations in the Group on Earth Observations (GEO)

GEO welcomes, as Participating Organizations, intergovernmental, international, and regional organizations, development banks, foundations, non-governmental organizations, and not-for-profit associations of commercial entities that either: i) have a mandate and/or strong interest in, or ii) are providers or users of, Earth observations, information or services. The Applicant should exhibit clear connections to a point or points along the full spectrum or value chain of Earth observations, from data collection, processing and provision, to information and knowledge development, applications, and/or use.

Name of organization:

Cooperative Research Centre for Spatial Information

Acronym:

CRCSI

Type of organization: Intergovernmental International Regional
 Development Bank Foundation Non-Governmental Organization
 Not-for-Profit Association of Commercial Entities

Brief description of organization's mission/purpose:

The CRCSI prides itself on being connected to a broad array of partners, both locally as well as internationally. In 2015-16 a total of 120 organisations contributed to the centre's activities, 98 Australian based and 22 international organisations covering 10 countries. It's aim is to build critical mass in research ventures between end users and researchers tackling clearly articulated, major challenges. This is achieved by utilising the fundamental spatial technologies of global navigation satellite systems, spatial data infrastructures, data fusion and rapid spatial analytics. The impact from CRCSI activities since 2010 is expected to be AUD \$733M by 2024. For every \$1 invested by the CRCSI, there will be a resulting benefit of AUD \$2.50 to Australia and New Zealand directly attributable to CRCSI collaborative research.

The CRCSI offers collaborative research and education in the spatial disciplines by partnering with a wide array of partners such as universities, broad private sector involvement via it's unique membership body 43PL (about 50 private sector companies, ranging from corporate sector to small to medium enterprises) and state and federal government bodies. By doing so the CRCSI seeks to accelerate the take-up of spatial science by key end users, spawning major innovation and productivity advances in the key industry sectors of defence, built environment, health and agriculture, natural resources and climate change. CRCSI International works closely with Asia, Middle East, Europe and Pacific Island including New Zealand on research, capacity building and knowledge transfer.

Proposed contribution to GEOSS implementation and/or the GEO community at large:

The CRCSI's Positioning Program brings together leading GNSS researchers, in collaboration with private industry and government agencies, to address the challenge of designing, building and operating a high accuracy, real-time, nation-wide positioning infrastructure. Recently CRCSI has been commissioned to managed the Satellite Based Augmentation System (SBAS) trial in Australia and New Zealand which will also seek collaboration from Asia & Pacific countries. The body of knowledge from the trial will be useful to the GEO community.

CRCSI's Rapid Spatial Analytics research program focus is on improving the government and industry's ability to rapidly use spatial information on mobile and cloud infrastructure with Earth Observation Data as one of the inputs. The research program offers quick prototype building and tools produced as an outcome of the prototype.

The program primarily uses open source as a platform for tool development. The experience learnt through prototype experience will be shared with the GEO Community as a collaborative effort.

CRCSI has rich experience working with Pacific Island nations in developing Geospatial Capacity. CRCSI and its private sector partner NGIS, were recognised for their work in the 2015

United Nations Lighthouse Awards for the "Mapping Exposure to Sea Level Rise" Project in the Pacific. The Project provided the fundamental data, skills and tools at-risk communities need to make planning decisions. It trained government decision makers to use online tools and flood maps to understand and mitigate the risks of sea level rise. The GEO community will benefit from the experience of this and other CRCSI projects undertaken in Pacific Island Countries.

CRCSI's Health program provides a unique opportunity to use spatial tools and concepts to help resolve complex problem in health sector. The Cancer Atlas and spatially enablement in Epidemiology frameworks and tools developed by interacting with Medical practitioners and health administrators in Australia are experiences that the Geo Community will uniquely benefit from CRCSI's knowledge base.

CRCSI's Agriculture and Natural Resources Management program has developed intuitive platforms to interact with satellite imagery via mobile phone to provide a knowledge base to farmers to manage their huge cattle grazing paddocks more efficiently and effectively. The experience from interacting with farmer community and helping to raise spatial enablement in grazing community will benefit Geo Community.

As part of the application for recognition as a GEO Participating Organization, the *GEO Strategic Plan 2016-2025: Implementing GEOSS* is hereby formally endorsed:

MELANIE PLUMB - COMPANY SECRETARY

Signature:



(On behalf of Organization)

Date: 28-06-2017 .

Application for Participating Organizations in the Group on Earth Observations (GEO)

GEO welcomes, as Participating Organizations, intergovernmental, international, and regional organizations, development banks, foundations, non-governmental organizations, and not-for-profit associations of commercial entities that either: i) have a mandate and/or strong interest in, or ii) are providers or users of, Earth observations, information or services. The Applicant should exhibit clear connections to a point or points along the full spectrum or value chain of Earth observations, from data collection, processing and provision, to information and knowledge development, applications, and/or use.

Name of organization:

EuroGeographics AISBL

Acronym:

- Type of organization: Intergovernmental International Regional
 Development Bank Foundation Non-Governmental Organization
 Not-for-Profit Association of Commercial Entities

Brief description of organization's mission/purpose:

EuroGeographics is the membership association and acknowledged voice of the European National Mapping, Cadastre and Land Registry Authorities. We currently bring together 63 organisations from 46 countries, delivering benefits for each regardless of the geographical, technical, political, organisational, linguistic and business parameters in which they work.

Our purpose is to further the development of the European Spatial Data Infrastructure through collaboration in the area of geographic information and the representation of the its members and their capabilities. Through EuroGeographics, members participate in policy development, share knowledge and experience and collaborate to find solutions to common challenges.

The Association's main activities focus on representing members' interests; transferring knowledge, developing capacities; creating and implementing interoperability projects; and producing pan-European products based on the datasets from National Mapping, Cadastre and Land Registry Authorities. Furthermore, we are committed to promoting our members' products, services and expertise and ensuring that their national geoinformation is used in European Commission policy and funding decisions.

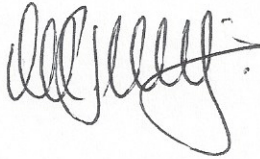
Proposed contribution to GEOSS implementation and/or the GEO community at large:

Act as interface between GEO community and NMCAs
Use of EG Knowledge Exchange network to facilitate learning and development for Earth Observations amongst EG members
Focus on how our communities can best contribute to the UN SDG, in a collaborative way

As part of the application for recognition as a GEO Participating Organization, the *GEO Strategic Plan 2016-2025: Implementing GEOSS* is hereby formally endorsed:

Signature:

(On behalf of Organization)



M J GORY
SECRETARY GENERAL & EXECUTIVE DIRECTOR
EUROGEOGRAPHICS

Date: 10 JULY 2017

Application for Participating Organizations in the Group on Earth Observations (GEO)

GEO welcomes, as Participating Organizations, intergovernmental, international, and regional organizations, development banks, foundations, non-governmental organizations, and not-for-profit associations of commercial entities that either: i) have a mandate and/or strong interest in, or ii) are providers or users of, Earth observations, information or services. The Applicant should exhibit clear connections to a point or points along the full spectrum or value chain of Earth observations, from data collection, processing and provision, to information and knowledge development, applications, and/or use.

Name of organization: Institut Supérieur d'Etudes Spatiales et Télécommunications

Acronym: ISESTEL

Type of organization: Intergovernmental International Regional
 Development Bank Foundation Non-Governmental Organization
 Not-for-Profit Association of Commercial Entities

Brief description of organization's mission/purpose:

High education in remote sensing, GIS and natural resources management.
Conference, workshop and exhibition in space technologies

Proposed contribution to GEOSS implementation and/or the GEO community at large:

Training;
High education: bachelor, master of science and PhD degrees
Conference, workshop and exhibition

As part of the application for recognition as a GEO Participating Organization, the *GEO Strategic Plan 2016-2025: Implementing GEOSS* is hereby formally endorsed:

Signature:
(On behalf of ISESTEL)




Dr Patrice SANOU

Date: 19/06/2017

Application for Participating Organizations in the Group on Earth Observations (GEO)

GEO welcomes, as Participating Organizations, intergovernmental, international, and regional organizations, development banks, foundations, non-governmental organizations, and not-for-profit associations of commercial entities that either: i) have a mandate and/or strong interest in, or ii) are providers or users of, Earth observations, information or services. The Applicant should exhibit clear connections to a point or points along the full spectrum or value chain of Earth observations, from data collection, processing and provision, to information and knowledge development, applications, and/or use.

Name of organization: United Nations Economic Commission for Latin America and the Caribbean

Acronym: ECLAC

Type of organization: Intergovernmental International Regional
 Development Bank Foundation Non-Governmental Organization
 Not-for-Profit Association of Commercial Entities

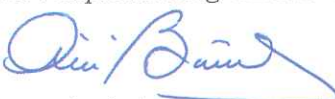
Brief description of organization's mission/purpose:

The Economic Commission for Latin America and the Caribbean (ECLAC) is one of the five regional Commissions of the United Nations and was established by the Economic and Social Council in 1948. It was founded with the purpose of contributing to the economic and social development of Latin America, coordinating actions directed towards this end, and reinforcing economic ties among countries and with other nations of the world. Its mission includes the design, monitoring and evaluation of public policies and the provision of advisory services, expertise and training to Governments, as well as support for regional and international cooperation and coordination activities.

Proposed contribution to GEOSS implementation and/or the GEO community at large:

1) Contribute to the strengthening of geospatial information production and its integration within regional statistics and reports in Latin America and the Caribbean; 2) Contribute to the development of geospatial information in the region for monitoring the progress towards the achievement of SDGs; 3) Strengthen environment statistics and indicators, and relevant SDG indicators by promoting the use of geospatial information and geostatistics in the region; 4) Provide guidance to the countries of the region to integrate statistical and geospatial information; and 5) Assist country members to improve their ability to better use geospatial information

As part of the application for recognition as a GEO Participating Organization, the *GEO Strategic Plan 2016-2025: Implementing GEOSS* is hereby formally endorsed:

Signature: 
(On behalf of Organization)



Application for Participating Organizations in the Group on Earth Observations (GEO)

GEO welcomes, as Participating Organizations, intergovernmental, international, and regional organizations, development banks, foundations, non-governmental organizations, and not-for-profit associations of commercial entities that either: i) have a mandate and/or strong interest in, or ii) are providers or users of, Earth observations, information or services. The Applicant should exhibit clear connections to a point or points along the full spectrum or value chain of Earth observations, from data collection, processing and provision, to information and knowledge development, applications, and/or use.

Name of organization:

The Paul G. Allen Family Foundation

Acronym:

- Type of organization: [] Intergovernmental [] International [] Regional [] Development Bank [x] Foundation [] Non-Governmental Organization [] Not-for-Profit Association of Commercial Entities

Brief description of organization's mission/purpose:

The Paul G. Allen Family Foundation is based in Seattle, Washington, working to solve some of the biggest global issues. The projects we pursue are inspired by the ideas of our founder Paul G. Allen and are tethered to a simple principle; we use data to inform our efforts and seek out opportunities that can make a positive impact—and share what we learn. We support innovative approaches that can save endangered species, address global warming, improve ocean health, explore new frontiers, research how the human brain works and build sustainable communities. Our programs, projects and initiatives bring together industry leaders collaborating across disciplines to discover and develop smart, data-driven solutions and create inspiring experiences that help us tackle some of the world's toughest challenges.

Proposed contribution to GEOSS implementation and/or the GEO community at large:

The Paul G. Allen Family Foundation will contribute to the global use of the GEOSS data by helping identify and address data and analytics needs in an effort to help move the world towards near real-time data access. With expertise in space-based, airborne, and in situ remote sensing, as well as data integration and visualization, the Paul G. Allen Family Foundation is eager to join GEO and contribute to the global community tackling the SDGs, especially in the areas of global warming, ocean health, and wildlife biodiversity..

As part of the application for recognition as a GEO Participating Organization, the GEO Strategic Plan 2016-2025: Implementing GEOSS is hereby formally endorsed:

Signature:

(On behalf of Organization)

Cassie Lee

The Paul G. Allen Family Foundation

Date:

May 24, 2017

Application for Participating Organizations in the Group on Earth Observations (GEO)

GEO welcomes, as Participating Organizations, intergovernmental, international, and regional organizations, development banks, foundations, non-governmental organizations, and not-for-profit associations of commercial entities that either: i) have a mandate and/or strong interest in, or ii) are providers or users of, Earth observations, information or services. The Applicant should exhibit clear connections to a point or points along the full spectrum or value chain of Earth observations, from data collection, processing and provision, to information and knowledge development, applications, and/or use.

Name of organization: World Resources Institute

Acronym: WRI

Type of organization: Intergovernmental International Regional
 Development Bank Foundation Non-Governmental Organization
 Not-for-Profit Association of Commercial Entities

Brief description of organization's mission/purpose:

World Resources Institute (WRI) is a global research organization that spans more than 60 countries, with offices in Brazil, China, Europe, India, Indonesia, Mexico, and the United States. Our more than 700 experts and staff turn big ideas into action at the nexus of environment, economic opportunity and human well-being.

Proposed contribution to GEOSS implementation and/or the GEO community at large:

WRI is a producer, consumer, and disseminator of data. We propose to make available for GEOSS data that we have collected through various projects, including Global Forest Watch, CAIT, Aqueduct, and the Partnership for Resilience and Preparedness (PREP); to work to identify GEOSS datasets that could benefit from broader dissemination on WRI platforms; as well as to evaluate opportunities for greater integration of data systems to facilitate data sharing. In particular, we are interested in furthering collaboration around PREP to have it serve as a GEO Community Portal, evaluating the integration of WRI's Resource Watch data infrastructure with GEOSS, and promoting efforts to share open data across the GEO community.

As part of the application for recognition as a GEO Participating Organization, the *GEO Strategic Plan 2016-2025: Implementing GEOSS* is hereby formally endorsed:

Signature:

(On behalf of Organization)

Date: