



UN Open GIS Initiative - Terms of References

1. Strategy Manifesto

The UN Open GIS Initiative is to identify and develop an Open Source GIS bundle that meets the requirements of UN operations, taking full advantage of the expertise of mission partners (Member States, technology contributing countries, international organizations, academia, NGO's, and the private sector).

The strategic approach shall be developed with best and shared principles, standards and ownership, in a prioritized manner that addresses capability gaps and needs without duplicating efforts of other Member States or entities. The UN Open GIS Initiative strategy shall collaboratively and cooperatively develop, validate, assess, migrate, and implement sound technical capabilities with all the appropriate documentation and training that in the end provides a united effort to improve the effectiveness and efficiency of utilizing Open Source GIS around the world.

2. Effectiveness of the Terms of Reference

This Terms of Reference is effective as of 11th July and will be valid until terminated by agreement of the Strategic Board.

3. Membership

The members of the UN Open GIS Initiative are composed of:

- **Contributor:** Any member state or organization who agrees with the strategy manifesto of the UN Open GIS Initiative and actively contributes to the UN Open GIS Initiative in terms of financial, materials, solutions, technologies, and/or human resources. The contributor membership shall be decided by the Strategic Board.
- **Observer:** Any member state or organization who agrees with the strategy manifesto of the UN Open GIS Initiative and participates in the UN Open GIS Initiative activity. The observer membership shall be granted by the Strategic Board.

4. Roles and Responsibilities

The governance structure of the UN Open GIS Initiative comprises of:

- Strategic Board;
- Co-Chairs;
- Secretariat;
- Technical Advisory Group;
- Spirals;

4.1 Strategic Board (SB)

The Strategic Board consists of representatives from each contributor where each contributor nominates one representative to the Strategic Board and the Secretary. The Strategic Board is responsible for deciding goals, strategic planning, creation of new spiral and termination of existing spiral, creation and termination of group, election of co-chairs, and appointment of the members of the Technical Advisory Group (TAG).

4.2 Co-Chairs

There are three Co-Chairs, where one Co-Chair is appointed from the United Nations and two Co-Chairs are elected among the Strategic Board members. The Co-chair(s) are responsible to take the lead and the responsibility of all UN Open GIS Initiative activities, and chairs the Strategic Board meeting.

4.3 Secretariat

The Secretariat is made of representatives of the contributors and elected by the Strategic Board. The Secretariat is responsible to support the Co-Chairs and the Strategic Board as well as the activities of the UN Open GIS Initiative.

4.4 Technical Advisory Group (TAG)

The Technical Advisory Group (TAG) consists of technical experts from the contributors and specialists, appointed by the Strategic Board. The TAG is responsible for the synchronization of spirals and technical decisions on the UN Open GIS architecture. The SB shall designate one group leader (or co-leaders), who organize and moderate the activities of the TAG.

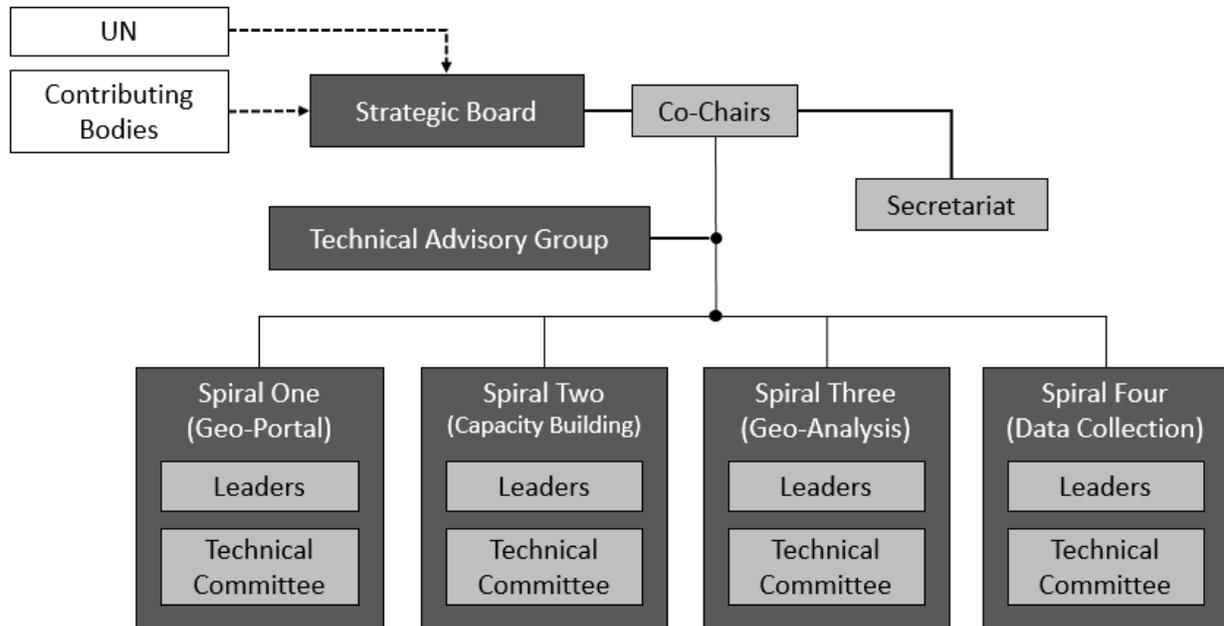
4.5 Spirals

Since each goal of the UN Open GIS Initiative is achieved in incremental ways, it will be undertaken by a group of experts as working group, called "Spiral" for each specific objective. New Spiral(s) is created by the Strategic Board for achieving the specific goal. The Strategic Board shall designate one leader (or co-leaders) for each Spiral. The leader (or co-leaders) will develop a work plan to achieve the objective. In order to effectively identify operational requirements,

each Spiral shall actively engage with the user communities.

Annex

A. The governance structure of the UN Open GIS Initiative.



B. The Founding Contributors (as of 11 March 2016):

- UN (Headquarter, GSC and two UN Field Missions)
- GeoSHAPE (USA)
- OpenGeo Suite (USA)
- OpenGDS (Republic of Korea)
- Open Source Geospatial Foundation (OSGeo)
- GeoforAll (Geo4All)
- geoSDI (Italy)

C. The Major Contributors (as of 30 June 2018):

- United Nations (Headquarter, Global Service Centre and three UN Field Missions)
- Department of Defense (USA)
- GeoSHAPE-Exchange (USA)
- OpenGDS (Republic of Korea)
- Open Source Geospatial Foundation (OSGeo)
- GeoforAll (Geo4All)
- Geospatial Information Authority of Japan (GSI) and OSGeo Japan Chapter (Japan)

D. The Strategic Board members (as of 30 June 2018)

- UN Headquarter (UNHQ): Kyoung-Soo Eom
- UN Global Service Centre (UNGSC): Kais Zouabi

- Three UN Field Missions: Jasenko Udovicic (UNSOS), Dong-Joo Koh (UNMISS), Zahurul Islam (MONUSCO)
- Department of Defense (USA): Ricardo Arias
- GeoSHAPE-Exchange (USA): Anthony Calamito
- OpenGDS (Republic of Korea): Ki-Joune Li
- Open Source Geospatial Foundation (OSGeo): To be determined
- GeoforAll (Geo4All): Maria Antonia Brovelli
- GSI and OSGeo-Japan (Japan): Venkatesh Raghavan

E. The Co-Chairs

- Ricardo Arias (1 March 2017)
- Ki-Joune Li (11 March 2016)
- Kyoung-Soo Eom (30 August 2016)

F. The Secretariat

- Hae-Kyong Kang (Secretary)
- Timur Obukhov (Assistant Secretary)

G. The Spirals are created as follows:

- Spiral 1 – UN Open GeoPortal (11 March 2016): Ricardo Arias, Anthony Calamito (Deputy Chair)
- Spiral 2 – Capacity Building (May 2016): Maria Antonia Brovelli, Diego Gonzalez (Deputy Chair)
- Spiral 3 – Geo-Analysis (11 March 2016): Hae-Kyong Kang, Timur Obukhov (Deputy Chair)
- Spiral 4 – Data Acquisition (11 March 2016): Ki-Joune Li, Anandavel Kanan (Deputy Chair)

H. Definition of Open Source

Open Source encompasses two related concepts regarding the way software is developed and licensed. They are codified in the "Free Software" and the "Open Source" definitions. "Free and Open Source Software" refers to software which has been made available under a free software license with the rights to run the program for any purpose, to study how the program works, to adapt it, and to redistribute copies, including modifications. These freedoms enable Open Source software development, a public, collaborative model that promotes early publishing and frequent releases. The Open Source Initiative has developed a set of 10 requirements of any software license that is to be considered an Open Source license under the Open Source definition.

I. History and update of TOR

- 26 Aug 2016: Initially drafted by Ki-Joune Li
- 26 Aug 2016: Edited by Danica Baptist
- 30 Aug 2016: Reviewed at the Strategic Board meeting

- 10 Oct 2016: Updated by Ki-Joune Li to reflect the modification of newly adopted name of “UN Open GIS Initiative” from the previous name of “UN OpenGIS Initiative”
- 21 Oct 2016: Revised by Ki-Joune Li to reflect the comments provided by OSGeo
- 17 Nov 2016: Revised by Kyoung-Soo Eom
- 30 Nov 2016: Adopted by the Strategic Board members
- 29 June 2018: Revised by Co-chairs (Ki-June Li, Kyoung-Soo Eom and Ricardo Arias)
- 30 June 2018 (TBD): Adopted by the Strategic Board members