

United Nations/China Forum on Space Solutions: Realizing the Sustainable Development Goals

Information Note

24 – 27 April 2019, Changsha, China

Organized by

United Nations Office for Outer Space Affairs (UNOOSA)

China National Space Administration (CNSA)

In Cooperation with

Industry and Information Technology Department of Hunan Province

Supported by

Asia-Pacific Space Cooperation Organization (APSCO)

Regional Centre for Space Science and Technology Education in Asia and the Pacific (China),
Affiliated to the United Nations

Municipal People's Government of Changsha

Hunan University

I. Background

The 2030 Agenda for Sustainable Development (the 2030 Agenda) is the boldest agenda for humanity and the most ambitious anti-poverty, pro-planet agenda ever adopted by the United Nations. Countries, especially developing countries, are in great need of innovative approaches and partnerships to facilitate their progress towards achieving the Sustainable Development Goals (SDGs).

SDG 17, which reads “Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development”, recognizes multi-stakeholder partnerships as important vehicles for mobilizing and sharing knowledge, expertise, technologies and financial resources to support the achievement of the SDGs in all countries, particularly developing countries. SDG 17 further seeks to encourage and promote effective public, public-private and civil society partnerships, building on the experience and resourcing strategies of partnerships.

It is generally accepted that space activities, technologies and applications, as innovative approaches, can help countries achieve the SDGs and comply with commitments taken within UN conventions. However, the importance of space has not been fully recognized by the international community and the potential of it has not been fully unlocked for sustainable development.

The United Nations Committee on the Peaceful Uses of Outer Space (COPUOS), at its 60th session in 2017 (A/72/20), acknowledged the significant role of space science and technology applications in the implementation of the 3 global development frameworks adopted in 2015: the 2030 Agenda, in particular the Sustainable Development Goals; the Sendai Framework for Disaster Risk Reduction 2015-2030; and the Paris Agreement on climate change. COPUOS further agreed that UNOOSA should explore various means to raise awareness of the benefits of space-based solutions, and encouraged the building of stronger partnerships, cooperation and coordination, including with industry and the private sector.

The resolution¹ of the fiftieth anniversary of the United Nations Conference on the Exploration and Peaceful Uses of Outer Space (UNISPACE+50), endorsed by the High-level Segment of UNISPACE+50 in June 2018 and adopted by the General Assembly on 26 October 2018 (A/RES/73/6), emphasized the need to build stronger partnerships at all levels in order to enhance the contribution of space activities for the realization of the 2030 Agenda, invited COPUOS to develop a “Space2030” agenda and implementation plan, and acknowledged the importance of global partnership and strengthened cooperation among Member States, intergovernmental and non-governmental organizations, industry and private sector entities in fulfilling the “Space2030” agenda and its implementation plan. The 61st session of COPUOS agreed to the establishment of a working group under a new agenda item “Space2030” agenda.

UNOOSA, in its capacity as the secretariat of COPUOS and with its unique mandate in promoting international space cooperation and space capacity building, is determined to help countries, in particular developing countries, achieve the SDGs, and is making efforts to be ready for the implementation of the “Space2030” agenda by forging partnerships with and among multi-stakeholders.

The United Nations/Austria Symposium on Space for the Sustainable Development Goals (September 2018) and the United Nations/Germany High-Level Forum “the way forward

¹ http://www.un.org/en/ga/search/view_doc.asp?symbol=A/RES/73/6.

after UNISPACE+50 and on Space2030”(November 2018) offer general recommendations on space for the SDGs. The UN/China Forum on Space Solutions will build on these recommendations and move forward to bring together space solutions providers and countries to build partnerships for the SDGs.

As one of the follow-up actions to the Declaration of Intent to cooperate on the Belt and Road Space Information Corridor² between the United Nations, represented by the Office for Outer Space Affairs and the China National Space Administration, this Forum will also contribute to the Belt and Road Initiative to benefit countries along the Belt and Road.

While the Forum is co-organized by the United Nations Office for Outer Space Affairs and the China National Space Administration, the Ministry of Foreign Affairs of China is also supporting the organization of the Forum.

II. Objectives

The main objective of the Forum is to bring together space solution providers and users to forge new partnerships, enhance international space cooperation and thus contribute to the attainment of the SDGs. Specific objectives are:

- Overviewing the current status and future trends of space contributing to the SDGs;
- Contributing to identifying Member States’ needs for space, space solutions for the SDGs, and gaps between needs and solutions;
- Enhancing existing partnerships and building new partnerships among multi-stakeholders and contributing directly to SDG 17;
- Contributing to the building-up of the Belt and Road Space Information Corridor;
- Promoting the important role of space for the SDGs.

III. Preliminary programme

The Forum programme will include plenary sessions, special sessions and match-making events. Themes to be discussed will be related to space solutions contributing to the realization of the SDGs.

Thematic sessions will be devoted to:

- Challenges and opportunities of attaining the SDGs;
- Countries’ needs of space science, technology and applications towards the achievement of the SDGs;
- The contribution of space science, technology and applications to the achievement of the SDGs;
- Enhancing international space cooperation for the SDGs;
- Best practices in space for the SDGs;
- Space law and policy for the SDGs;
- Small satellites and the SDGs;
- Cooperation on the Belt and Road Space Information Corridor.

* The match-making event will be held to facilitate the creation of partnerships.

* A half day technical visit/cultural visit will be arranged by the Local Organizing Committee.

² <http://www.unoosa.org/documents/pdf/copuos/stsc/2018/tech-08E.pdf>.

* An independent exhibition will also be held.

Please check this website regularly for updated information.

IV. Working language

The working language of the Forum will be English.

V. Exhibition

An exhibition will be organized by the Local Organizers in conjunction with the Forum. For more information, please contact the Local Organizers.

VI. Sponsorship of the Forum

The United Nations Office for Outer Space Affairs (UNOOSA) and the China National Space Administration (CNSA) are co-sponsors of the Forum.

Sponsorship of the Forum is open to other interested entities. Interested entities can contact the focal points of the Local Organizing Committee for further information. Please find the contact information at the bottom of this document.

VII. Expected Participants

The Forum is being planned for approximately 300 participants including scientists, engineers, university educators, policy-and-decision makers, and senior experts from the following groups: international, regional, national and local institutions, United Nations agencies, intergovernmental and non-governmental organizations, research and development institutions, industry and the private sector.

VIII. Participation requirements

Participants should have decision-making responsibilities within governmental agencies, national or regional institutions, intergovernmental or non-governmental organizations or industry and the private sector. **Applications from equally qualified women are particularly encouraged.**

Designated participants will have the opportunity to prepare a presentation of approximately 10 - 20 minutes on topics relevant to the Forum objectives. In addition, they are expected to contribute to reporting activities of the Forum. It is also necessary to submit an abstract of presentation with a maximum of 600 words including the following details: *presentation title, author (s) name(s), affiliation(s), and e-mail address for the presenting author.*

Presentations made at the Forum will be published on the website of the Office for Outer Space Affairs approximately two weeks after the Forum is concluded.

IX. Financial support

Within the limited financial resources available, a number of selected participants will be offered financial support to attend the Forum. This financial support will defray the cost of

travel (a round trip airticket – most economic fare – between an airport of international departure in their home country and an airport close to the Forum’s venue) and/or the room and board expenses for the duration of the Forum. The co-sponsors of the Forum will jointly select participants on a competitive basis.

X. Deadline for Submission of Applications and Abstracts

For those seeking financial support - the completed application form together with the presentation abstract should be submitted online **no later than Sunday, 17 February 2019.** Only complete applications with all the requested information and signatures will be considered by the Programme Committee.

For self-funded participants - the completed application form together with the requested information should be submitted online **no later than Sunday, 14 April 2019.**

XI. Life and Health Insurance

Life/major health insurance for each of the selected participants is necessary and **is the responsibility of the candidate or his/her institution or Government.** The co-sponsors will not assume any responsibility for life and major health insurance, nor for expenses related to medical treatment or accidents.

XII. Contact Information

For additional information on the programme, attendance and potential funding, please contact:

Mr. Hui Du, United Nations Office for Outer Space Affairs (hui.du@un.org).

For the exhibition, sponsorship of the Forum and others, please contact the focal points of the Local Organizing Committee:

Mr. Fengyu Wang, China National Space Administration (iwangfengyu@icloud.com)

Ms. Hui Jiang, China National Space Administration (jiangh@cnsa.gov.cn)