

Sixty-first session of the Scientific and Technical Subcommittee
of the Committee on the Peaceful Uses of Outer Space
Vienna, 29 January-9 February 2024

**STATEMENT BY AARTI HOLLA-MAINI
DIRECTOR
UNITED NATIONS OFFICE FOR OUTER SPACE AFFAIRS**

Chair, Excellencies, distinguished delegates, ladies and gentlemen,

On behalf of the United Nations Office for Outer Space Affairs (UNOOSA), and in my capacity as the newly appointed Director of UNOOSA, it is my distinct honour to welcome you all to the sixty-first session of the Scientific and Technical Subcommittee.

As this is my first Committee meeting, I hope you will allow me to make a few personal remarks. It is now almost 150 days since I and my dear colleague and Senior Advisor (Deputy Director), Driss El Hadani, took up our posts as the new leadership team at UNOOSA. We are here to serve you and bring visibility to the work of COPUOS and UNOOSA, to ensure that space technology, data and services are being leveraged to the maximum extent possible in the implementation of the Sustainable Development Goals (SDGs). We look forward to presenting our vision and strategy for the Office to you later today, which we have articulated based on your feedback *and* conscious of the increasing vulnerability faced by so many around the world due to the consequences of climate change, security concerns and other socio-economic factors, especially in developing nations.

Distinguished delegates,

This year marks sixty-five years since the establishment of COPUOS as the permanent committee of the General Assembly. Over those six decades, the Committee and its Subcommittees have played a critical role in advancing conditions for space exploration, global governance of outer space activities, international cooperation and strengthened multilateralism in outer space activities.

Space is rising-up on the international agenda and the role of COPUOS has been reaffirmed by the Secretary-General in his Policy brief 7: for all humanity – the future of outer space governance. Now, with the upcoming Summit of the Future in September 2024, you, the Member States, have an opportunity to put space on the agenda of Heads of States and drive awareness of the institutional knowledge that we, the space experts have here in Vienna and in the capitals, so that the importance and relevance of Space, of this Committee and of UNOOSA are strongly reflected in the outcome document of this high-level summit, being the Pact for the Future.

Distinguished delegates,

As the Director of UNOOSA, I'm cognisant of the fact that we are the only part of the United Nations with a mandate entirely dedicated to space. As such, we carry the responsibility of ensuring that every UN Member State is equipped with the knowledge they need to contribute to and benefit from space technology, data, and services.

In December, we launched the UNOOSA Space Bridge (the USB). The aim of the UNOOSA Space Bridge is to promote global dialogue to enable local action, through targeted exchanges that enhance international expertise and break down silos. Through the USB, we aim to engage a variety of stakeholders to ask the right questions and identify solutions that empower policymakers to advance space sustainability and leverage space for the SDGs.

Chair, Distinguished delegates,

Our responsibilities continue to be closely linked to the work of the UN Secretary-General with the Secretary-General's Bulletin ST/SGB/2020/1 that provides the administrative setting for our role as the gateway to space in the United Nations system, a capacity-builder, a convener, and a facilitator of international cooperation in the peaceful uses of outer space.

You will find highlights of activities and actions for the year 2023, and a number of planned activities for the year 2024 in the Annex to this statement on the STSC homepage. Let me highlight some of the success stories of our work over the last year.

As COPUOS Secretariat, the Office continues to provide substantive, secretariat, organizational and administrative support to the Committee and its subcommittees in their work and assists them in their role as a unique global platform for international cooperation in outer space activities. The Office discharges the responsibilities of the Secretary-General under the UN treaties and principles on outer space, and I am pleased to inform you that as part of the Office's key function of maintaining the UN Register of Objects Launched into Outer Space, UNOOSA has received 2,588 satellite registrations in 2023, a record number for the fifth year running.

In 2023, UNOOSA's Access to Space for All initiative under the Programme on Space Applications continued to enable access to unique opportunities. Working with JAXA, we helped Indonesia deploy a satellite from the International Space Station. We provided access to state-of-the-art research facilities and opened, together with ESA, a new round of applications to conduct hypergravity experiments. We enabled an all-female team from Colombia to conduct microgravity experiments in the 8th round of the DropTES programme, and we continued to enable unique educational opportunities through post-graduate fellowships.

The Office's UN-SPIDER programme contributed to satellite data access and coordination efforts during a number of major disaster events in Bangladesh, Ghana, Mozambique, Nepal, Türkiye and Zambia. The team also delivered advisory missions in Africa, Asia, and Latin America as well as to Small-Island States in the Pacific to strengthen their capabilities in disaster management. The UN-SPIDER team also co-launched a joint publication on multi-hazard early warning systems as part of the UN Secretary-General's EW4All initiative and have continued to raise awareness and provide hands-on training on the available space-based emergency response mechanisms.

In its Secretariat roles, the Office continued to support the International Committee on Global Navigation Satellite Systems (ICG) and the Space Mission Planning Advisory Group (SMPAG). We also supported the activities of the International Asteroid Warning Network (IAWN) and the Space and Global Health Network, and organized coordination and capacity-building activities for UN entities as secretariat of UN-Space.

We convened conferences on space law and policy, planetary defence and global health, and conducted events on climate action, space weather, on space technology for socioeconomic benefits, and applications of global navigation satellite systems. We delivered technical advisory missions in space law and policy for countries in Africa, Asia and the Pacific, and Latin America. We implemented projects on Space4Water, Space4Women, Space Law for New Space Actors, Space Sustainability and Registration. We developed the new Space Solutions Compendium (SSC) database to generate information about space projects which can support achievement of the SDGs and the Space2030 Agenda.

Last, but not least, we co-organized with our host country, Austria, the 5th World Space Forum on “Space 4 Our Common Future”, which brought together a variety of stakeholders to explore the challenges that lie before us – from climate change to sustainability; from development policy to how we communicate about space, and held briefings for Member States both in Vienna and in New York, to highlight the role of the intergovernmental processes in COPUOS. On my first day in the Office, I had the privilege to meet many of you during the annual UNOOSA “Space Camp” Briefing and we will continue with this informative practice in 2024.

Chair, Distinguished delegates,

The global challenges we face are huge. They can only be addressed through collaboration and dialogue across borders, sectors, and disciplines. To achieve this, we look forward to presenting you, later today at 1pm, with an outline of our vision and strategy for the office from 2024 to 2030, centred around 5 pillars, which you, the Member States, have conveyed to us during the first 3 months of our tenure. They are Space Sustainability, Space4SDGs, Space4Climate, Space4DevelopingCountries and how to engage the broader space ecosystem on relevant issues and topics. This is a strategy to serve COPUOS as a whole and to serve Member States individually. Just as we have articulated this strategy based on your inputs, we will also need your support and active engagement to implement it as well. Member States remain central to our work, in our service to you as a Committee, as the ultimate decision-makers on space governance matters, and in our quest to help you meet your needs, nationally, regionally and globally.

Chair, Distinguished delegates,

Across many of our endeavours, we are greatly appreciative for, and rely on, the support of our partners. Our vision and hope for 2024 is that we emerge with a Pact for the Future that reinforces the role of Space4SDGs, that unequivocally affirms the leading role of COPUOS and that strengthens the role of UNOOSA in helping Member States tackle major global challenges. We have today seen a zero draft where you will see that certain UN entities are called upon to be strengthened. In this regard, we hope you will help us by calling clearly for UNOOSA to be strengthened to deliver on the SDGs and implement our strategy. It is our firm belief that by rallying together around a strong positive agenda with a fresh, structured approach to implementing the peaceful uses of outer space, we can drive transformational change to peoples’ lives and deliver on Member States’ policy objectives.

I look forward to working with you all as we embark on this journey together in this new year.

Thank you for your attention.

Annex

Legal instruments and host country agreements

Resources of the Office

Please refer to the present Annex and to document A/78/6(Sect.6) (Programme on the peaceful uses of outer space).

HIGHLIGHTS OF SUBSTANTIVE ACTIVITIES OF THE OFFICE

Secretariat to the intergovernmental meetings of the Committee on the Peaceful Uses of Outer Space and its subsidiary bodies

Please refer to Appendix I and II to the present Annex

United Nations Programme on Space Applications

Please refer to Appendix I and II to the present Annex and to documents A/AC.105/1299, A/AC.105/1300, A/AC.105/1301, A/AC.105/1302, A/AC.105/1303 and A/AC.105/1309.

United Nations Platform for Space-based Information for Disaster Management and Emergency Response (UN-SPIDER)

Please refer to Appendix I and II to the present Annex and to document A/AC.105/1310.

International Committee on Global Navigation Satellite Systems

Please refer to Appendix I and II to the present Annex and to documents A/AC.105/1304 and A/AC.105/1305.

Secretariat to the Space Mission Planning Advisory Group (SMPAG)

Please refer to Appendix I and II to the present Annex.

Regional Centres for Space Science and Technology Education, affiliated to the United Nations

Awareness-raising and Outreach

Please refer to Appendix I and II to the present Annex.

Other Activities

Please refer to Appendix I and II to the present Annex.

LEGAL INSTRUMENTS RELATING TO COLLABORATION (January – December 2023)

- Memorandum of Agreement between the United Nations and the Government of Brazil- 10 January 2023
- Memorandum of Understanding between the United Nations and the University of Central Lancashire regarding the Regional Support Office in the United Kingdom- 27 January 2023
- Loan Agreement between the United Nations and the Natural History Museum Vienna -30 March 2023
- Memorandum of Agreement between the United Nations and the Government of China- 29 March 2023
- Financial Exchange of Letters between the United Nations Office for Outer Space Affairs and the Government of Japan on the Space Law for New Space Actors Project – 19 July 2023.
- Financial Exchange of Letters between the United Nations Office for Outer Space Affairs and La Sapienza on the Space Law for New Space Actors Project – 21 July 2023.
- Financial Exchange of Letters between the United Nations Office for Outer Space Affairs and the Canadian Space Agency on the Space4Women Expert Meeting – 29 September 2023.
- Financial Exchange of Letters between the United Nations Office for Outer Space Affairs and the Government of Republic of Korea on the Space4Women study – 27 September 2023.
- Financial Exchange of Letters between the United Nations Office for Outer Space Affairs and Kyutech on the Space Law for New Space Actors Project – 2 October 2023.
- Financial Exchange of Letters between the United Nations Office for Outer Space Affairs and France on the Space Law for New Space Actors Project – 2 November 2023.
- Financial Exchange of Letters between the United Nations Office for Outer Space Affairs and European Space Agency on Space Planning Advisory Group– 6 December 2023.

HOST COUNTRY AGREEMENTS (January - December 2023)

- United Nations /Finland Workshop on the Applications of Global Navigation Satellite Systems, Helsinki, Finland, 23-26 October 2023.
- United Nations/Austria Symposium on “Space for climate action: space applications and technologies for sustainability on Earth”, Graz, Austria, 12-14 September 2023.
- United Nations/Azerbaijan/International Astronautical Federation Workshop on Space Technology for Socio-Economic Benefits: Challenges and Capacity Building Opportunities for Emerging Space Nations, Baku, Azerbaijan, 29 September –1 October 2023.

RESOURCES OF THE OFFICE

Human Resources overview

Funding Source	2020	2021	2022	2023 ¹	2024 ²
Regular Budget Established positions	23 (18P/5GS)	23 (18P/5GS)	23 (18P/5GS)	25 (20P/5GS)	25 ³ (20P/5GS)
Extra-Budgetary Positions funded from voluntary cash contributions	5 (2P/3GS) 3 (Temp)	5 (2P/3GS) 3 (Temp)	4 (2P/2GS) 1 (Temp)	3 (1P/2GS) 3 (Temp)	4 (1P/3GS) 3 (Temp)
Extra Budgetary Positions funded through in-kind contributions	5 (2NRL/3JPO)	6 (3NRL/3JPO)	8 (6NRL/2JPO)	9 (5NRL/4JPO)	10 (4NRL/6JPO)
Total Staff⁴	36	37	37	40	42

¹ As at 31 December 2023.

² As at 30 January 2024.

³ Not all positions are incumbered. Liquidity constraints presently impacts the filling of several established positions which are vacant.

⁴ Excludes consultants, contractors and interns.

Financial resources overview

Regular Budget

Thousands of United States dollars

2018-2019	2020	2021	2022	2023*	2024**
7 558.7	3 876.6	4 026.2	4 328.5	4 273.4	4 783.8

*Expenditure, excluding year-end adjustments

**As approved by General Assembly in December 2023. Final appropriations may be impacted by liquidity constraints.

Extra-budgetary

Thousands of United States dollars

	2023	Donors
Cash contributions received	1 745.3	<i>Asia Pacific Space Cooperation Organization (APSCO); Austrian Space Forum; Canadian Space Agency (CSA); Center for Applied Space Technology and Microgravity (ZARM), University of Bremen, Germany; China Ministry of Emergency Management; China National Space Administration (CNSA); City of Vienna; European Commission; European Space Agency (ESA); Geneva Digital Health Hub; Government of Austria; Government of Brazil (Brazilian Air Force); Government of China; Government of Finland; Government of France; Government of Germany; Government of Japan; Government of the Republic of Korea; Government of the United Kingdom of Great Britain and Northern Ireland; Government of the United States of America (Department of State); United Nations Development Programme (UNDP), International Astronautical Federation (IAF); Japan Aerospace Exploration Agency (JAXA); Keldysh Institute of</i>
In-kind contributions	867.2*	

		<p><i>Applied Mathematics of the Russian Academy of Sciences (KIAM RAS); Kyushu Institute of Technology (KYUTECH), Japan; National Aeronautics and Space Administration (NASA); Prince Sultan bin Abdulaziz International Prize for Water (PSIPW); Sapienza University of Rome; Secure World Foundation (SWF); and United Kingdom Space Agency (UKSA).</i></p>
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* As reported to the Office. Not all in-kind donors are able to submit estimated value of the support and services provided to the Office in the delivery of its activities.

Appendix I

Highlights of 2023 programme activities, projects and initiatives of the Office for Outer Space Affairs

Secretariat to the intergovernmental meetings of the Committee on the Peaceful Uses of Outer Space and its subsidiary bodies

<i>Activity</i>	<i>Location</i>	<i>Dates</i>
60 th session of the Scientific and Technical Subcommittee	Vienna, Austria/hybrid	6-17 February 2023
62 nd session of the Legal Subcommittee	Vienna, Austria/hybrid	20-31 March 2023
66 th session of the Committee on the Peaceful Uses of Outer Space	Vienna, Austria/hybrid	31 May-9 June 2023

<i>Intersessional Meetings of Working Groups</i>	<i>Location</i>	<i>Dates</i>
Working Group on the Long-Term Sustainability of Outer Space Activities	Virtual	5-8 June 2023
Working Group on the Use of Nuclear Power Sources in Outer Space	Virtual	6 October 2023
Working Group on the Legal Aspects of Space Resource Activities	Virtual	5-7 June 2023 18 October 2023 22 November 2023 19 December 2023

78th Session of the General Assembly

<i>Activity</i>	<i>Location</i>	<i>Dates</i>
Meeting of the Fourth Committee of the General Assembly: International cooperation in the peaceful uses of outer space	UNHQ, New York	26-30 October 2023

Briefings to Member States

<i>Activity</i>	<i>Location</i>	<i>Dates</i>
Briefings to Member States in preparation for the intergovernmental meetings of the Committee on the Peaceful Uses of Outer Space and its Subcommittees	Virtual	18 January 2023 1 March 2023 23 March 2023 5 April 2023 16 May 2023
UNOOSA Group of Friends Meeting	New York	26 March 2023

Briefing to States members of COPUOS on Our Common Agenda and the Future of Outer Space Governance	Virtual	19 May 2023
UNOOSA Space Camp – Introductory Meeting for New Delegates	Vienna, Austria /Hybrid	18 September 2023
Briefing to the International Relations Committee on the European Space Agency	Paris, France	27 October 2023
Briefing to the Africa Group	Vienna, Austria	16 November 2023
Address Vienna Chapter of Forum of Small States (FOSS)	Vienna, Austria	17 November 2023
Briefing to States members of COPUOS on the Summit of the Future and Pact for the Future process by co-facilitators, PM Germany and Namibia	Virtual	17 November 2023

Programme on Space Applications (PSA)

<i>Workshops, symposia, conferences</i>	<i>Location</i>	<i>Dates</i>
Access to Space for All Expert Meeting	Online	15 to 17 May 2023
United Nations/Austria Symposium on “Space for Climate Action: Space Applications and Technologies for Sustainability on Earth”	Graz, Austria	12 to 14 September 2023
30th United Nations/International Astronautical Federation Workshop on Space Technology for Socio-Economic Benefits: “Challenges and Capacity-Building Opportunities for Emerging Space Nations”	Baku, Azerbaijan	29 September to 1 October 2023
United Nations Workshop on the International Space Weather Initiative (ISWI): the way forward	Vienna, Austria	26 to 30 June 2023
United Nations/Finland Workshop on the Applications of Global Navigation Satellite Systems (GNSS)	Helsinki, Finland	23 to 26 October 2023

<i>Initiatives</i>	<i>Information</i>
Access to Space for All	
Announcement of opportunity: European Space Agency/HyperGES (3rd round)	Announced on 31 May 2023, deadline for applications 12 November 2023
Announcement of opportunity: Center of Applied Space Technology and Microgravity and the German Aerospace Center/DropTES (9th round)	Announced on 31 May 2023, deadline for applications 26 November 2023
Announcement of opportunity: Japan Aerospace Exploration Agency/KiboCUBE (8th round)	Announced on 2 June 2023, deadline for applications 31 December 2023
Announcement of opportunity: Mohammed Bin Rashid Space Centre/PHI (2nd round)	Announced on 4 October 2023, deadline for applications 31 March 2024

Announcement of opportunity: Kyushu Institute of Technology/PNST (2024 round)	Announced on 22 November 2023, deadline for applications 5 January 2024
Webinar series on Satellite Development Track of Access to Space for All (KiboCUBE, KiboCUBE Academy, PHI, PNST, and Vega C)	Ten sessions (1/2 day)
Webinar series on Hypergravity and Microgravity track of Access to Space for All (DropTES and HyperGES)	Three sessions (1/2 day)
Webinar series on NASA System Engineering of Access to Space for All	Two sessions (1/2 day)
Space for Water	
Second Space4Water Stakeholder Meeting	Online, 11-12 May 2023
Third Space4Water Stakeholder Meeting	Vienna, Austria, 24 to 25 October 2023
Space for Water Portal	Continuous content and services development

International Committee on GNSS (ICG)

<i>Activity</i>	<i>Location</i>	<i>Dates</i>
Training Course on Global Navigation Satellite Systems	Pokhara, Nepal	3 - 7 January 2023
Training Course on Global Navigation Satellite Systems for Policy and Decision Makers	Virtual	9 January 2023
International Space Weather Initiative Steering Committee Meeting	Vienna, Austria	10 February 2023
Technical Seminar on Reference Frame in Practice at the International Federation of Surveyors Working Week	Orlando, United States of America	27 – 28 May 2023
27 th Meeting of the ICG Providers' Forum	Vienna, Austria	5 June 2023
ICG Working Group on Systems, Signals and Services Intersessional Meeting	Vienna, Austria	7 - 9 June 2023
ICG Working Group on Enhancement of Global Navigation Satellite Systems Performance, New Services and Capabilities Intersessional Meeting	Vienna, Austria	19 July 2023
ICG Working Group Information Dissemination and Capacity Building project team on "space weather monitoring using low-cost GNSS receiver systems"	Sapporo, Japan	25 August 2023
ICG Working Group on Systems, Signals and Services Intersessional Meeting	Rabat, Morocco	28 - 31 August 2023

17 th Meeting of the International Committee on Global Navigation Satellite Systems	Madrid, Spain	16 - 20 October 2023
28 th Meeting of ICG Providers' Forum	Madrid, Spain	15 and 19 October 2023
Eastern Africa Capacity Building Workshop on Space Weather and Low Latitude Ionosphere	Malindi, Kenya	3 – 12 October 2023

Space and Global Health

<i>Activity</i>	<i>Location</i>	<i>Dates</i>
International Conference on Space and Global Health	Geneva	1-3 November 2023

United Nations Platform for Space-based Information for Disaster Management and Emergency Response (UN-SPIDER)

<i>Activity</i>	<i>Location</i>	<i>Dates</i>
UN-SPIDER/German Aerospace Centre/Global Flood Awareness System/Centre for Remote Sensing of Land Surfaces workshop on space technologies for flood management	Bonn, Germany	20 – 22 February 2023
UN-SPIDER/German Agency for International Cooperation/Mexican Space Agency/Directorate-General for Civil Protection training course in El Salvador	El Salvador	17 May–14 July 2023
UN-SPIDER Annual RSO meeting 2023	Vienna, Austria	30 May-1 June 2023
UN-SPIDER/International Charter Space and Major Disasters / ZFL Training on the use of the Charter Mapper	Bonn, Germany	18-20 July 2023
Summer University Network training course on “Geospatial technologies for building resilience” at the Central European University in Budapest	Budapest, Hungary	24–28 July 2023
Virtual meetings of UN-SPIDER regional support offices	Virtual	12 September and 8 December 2023
Subforum on Disaster Prevention, Reduction and Relief of the 2023 Belt and Road Forum for International Cooperation	Beijing, China	11 and 12 October 2023
UN-SPIDER/Economic Commission for Latin America and the Caribbean/International Charter on Space and Major Disasters training course in Chile	Chile	7–9 November 2023
UN-SPIDER/Algerian Space Agency/Centre for Remote Sensing of Land Surfaces workshop on space-based solutions for forest fires in Algeria	Algiers, Algeria	21-22 November, 2023
UN-SPIDER awareness-raising workshop and Economic and Social Commission for Asia and the Pacific/Asian and Pacific Training Centre for Information and Communication Technology for Development training on	Suva	1-4 December, 2023

digital technologies in multi-hazard risk assessment for Pacific Island professionals		
Institutional strengthening mission to Tonga	Tonga	5–8 December 2023
UN-SPIDER Annual RSO meeting 2023	virtual	8 December 2023
Scoping mission to French Polynesia	French Polynesia	11–14 December

Secretariat of the Space Mission Planning Advisory Group (SMPAG) and other capacity-building activities in the area of near-Earth Objects and planetary defence

<i>Activity</i>	<i>Location</i>	<i>Dates</i>
20th SMPAG Meeting	Vienna/hybrid	8-9 February 2023
21 st SMPAG Meeting	Virtual	10-11 October 2023
8 th IAA Planetary Defense Conference	Vienna/hybrid	3-7 April 2023

Capacity-building in space law and policy

<i>Activity</i>	<i>Location</i>	<i>Dates</i>
United Nations Conference on Space law and Policy	Virtual, Vienna	28-30 November 2023
United Nations Space Law Technical Advisory Mission to Kenya	Nairobi, Kenya	18-20 April 2023
UNOOSA/APSCO Joint Technical Workshop on Space Law for APSCO Member States	Vienna, Austria	12-15 June 2023
United Nations Space Law Technical Advisory Mission to Chile	Santiago, Chile	30 October – 2 November 2023
United Nations Space Law Technical Advisory Mission to Costa Rica	San José, Costa Rica	6 – 8 November 2023

Inter-agency coordination

<i>Activity</i>	<i>Location</i>	<i>Dates</i>
UN-Space: 42nd annual session of the Inter-agency Meeting on Outer Space Activities	Brindisi, Italy	17-18 October 2023
18th Open Session of UN-Space - Joint meeting of UN-Space and the Committee on Earth Observation Satellites Working Group on Capacity-building and Data Democracy	Vienna, Austria	1-3 March 2023
19th Open Session of UN-Space - held in collaboration with the Service for Geospatial, Information and Telecommunications Technologies at the United Nations Global Service Centre and the Italian Space Agency (ASI)	Brindisi, Italy	19 October 2023
Final report as Chair of the Capacity-Building and Data Democracy working group to the Committee on Earth Observation Satellites (CEOS) plenary meeting	Chiang Rai, Thailand	November 2023

World Space Forum

<i>Activity</i>	<i>Location</i>	<i>Dates</i>
United Nations/Austria World Space Forum "Space 4 Our Common Future"	Vienna, Austria	12-14 December 2023

Regional Centres

	<i>Location</i>
Centre for Space Science and Technology Education in Asia and the Pacific (CSSTEAP)	Dehradun, India
African Regional Centre for Space Science and Technology Education in French Language (CRASTE-LF)	Rabat, Morocco
African Regional Centre for Space Science and Technology Education in English Language (ARCESSTE-E)	Ile-Ife, Nigeria
Regional Centre for Space Science and Technology Education in Latin America (RECTEALC)	Puebla, Mexico
Regional Centre for Space Science and Technology Education for Western Asia (RCSSETWA)	Amman, Jordan
Regional Centre for Space Science and Technology Education in Asia and the Pacific (RCSSTEAP)	Beijing, China

Awareness-raising and Outreach

<i>United Nations/International Days and Anniversaries</i>	<i>Dates</i>
International Day of Women and Girls in Science	11 February 2023
International Women's Day	8 March 2023
World Water Day	22 March 2023
International Day of Human Space flight	12 April 2023
World Day to Combat Desertification and Drought	17 June 2023
International Asteroid Day	30 June 2023
International Moon Day	20 July 2023
International Youth Day	12 August 2023
World Space Week	4-10 October 2023
International Day for Disaster Reduction	13 October 2023
International Day of Persons with Disabilities	3 December 2023

Exhibitions	Location	Dates
"Sound of Earth's Magnetic Field: An Audio Installation using Sonification for Accessibility in Space Sciences" exhibit at Vienna International Centre during 66 th COPUOS	Vienna, Austria	31 May to 9 June 2023

Publications	Symbol/Date
Near-Earth Objects and Planetary Defence Available here	ST/SPACE/73, April 2023
UNOOSA 2022 Annual Report Available here	ST/SPACE/81, May 2023
Contribution to the "Space2030" Agenda: EU Space - Supporting A World Of 8 Billion People Available here	ST/SPACE/85, June 2023
The Space4Water Project: Building bridges for knowledge exchange Available here	ST/SPACE/90, October 2023
Stakeholder Study on the Registration of Objects Launched into Outer Space, Available here	ST/SPACE/91
A special report of the Space for Persons with Disabilities project "Sonification: a tool for research, outreach and inclusion in space sciences, Available here	

Other activities	Dates
Space4Youth	
Conclusion of 4 th Space4Youth Competition Youth4Water	February 2023
Space for Persons with Disabilities	
Implementation of the Secretary-General United Nations Disability Inclusion Strategy (UNDIS): "Sonification: a tool for research, outreach and inclusion in space sciences" research publication; "From Space to Earth: Innovations enabling accessibility on Earth" webinar and articles; "Space+: Pathways for all abilities" interview series; and inclusive internship targeting persons with disabilities	2023
Space4Women	
UNOOSA Space4Women 3 rd mentorship programme	Q1-Q4, 2023
UN/Canada Space4Women Expert Meeting	Montreal, Canada, 30 October – 3 November, 2023
Space Sustainability	
Four virtual events held on the implementation of the Guidelines for the Long-term Sustainability of Outer Space Activities of the Committee on the Peaceful Uses of Outer Space Available here	Q2 2023

Publication and launch of a new e-learning course on the Guidelines for the Long-term Sustainability of Outer Space Activities Available here	Q3 2023
Technical Symposium: Management and Sustainability of Outer Space Activities Conference. Management and Sustainability of Outer Space Activities Conference. Available here	Virtual, 27 – 29 November 2023
Registration of Objects Launched into Outer Space	
Expert Event on the Registration of Objects Launched into Outer Space	Vienna, Austria, 29-30 May 2023

Appendix II

Planned 2024 programme activities, projects and initiatives of the Office for Outer Space Affairs*

**The implementation of some activities may need to be postponed, cancelled or delivered in a different format should UN liquidity constraints significantly impact the level of actual appropriations under the regular budget*

Secretariat to the intergovernmental meetings of the Committee on the Peaceful Uses of Outer Space and its subsidiary bodies

<i>Activity</i>	<i>Location</i>	<i>Dates</i>
61 st session of the Scientific and Technical Subcommittee	Vienna, Austria	29 January - 9 February 2024
63 rd session of the Legal Subcommittee	Vienna, Austria	15 – 26 April 2024
67 th session of the Committee on the Peaceful Uses of Outer Space	Vienna, Austria	19 – 28 June 2024

<i>Activity</i>	<i>Location</i>	<i>Dates</i>
Briefings to Member States in preparation for the 61 st session of the Scientific and Technical Subcommittee	Virtual	10 January 2024
Briefings to Member States in preparation for the 63 rd session of the Legal Subcommittee	Virtual	TBC
Briefings to Member States in preparation for the 67 th session of the Committee on the Peaceful Uses of Outer Space	Virtual	TBC

79th Session of the General Assembly

<i>Activity</i>	<i>Location</i>	<i>Dates</i>
Summit of the Future	UNHQ, New York	22-23 September 2024
Meeting of the Fourth Committee of the General Assembly: International cooperation in the peaceful uses of outer space	UNHQ, New York	29-30 October and 1 November 2024
Joint panel of the First and Fourth Committee of the General Assembly	UNHQ, New York	30 October 2024

Programme on Space Applications (PSA)

<i>Workshops, symposia, conferences</i>	<i>Location</i>	<i>Dates</i>
UN/International Astronautical Federation Workshop on Space Technology for Socio-Economic Benefits	Milan, Italy	11 - 13 October 2024 (TBC)
Access to Space for All Expert Meeting	TBC	Q2 2024 (TBC)
United Nations/Austria Symposium on Space for Climate Action	Austria	September 2024 (TBC)

United Nations/Germany Workshop on the International Space Weather Initiative: preparing for the solar maximum	Neustrelitz, Germany	10 – 14 June 2024
United Nations/Philippines Workshop on the Applications of Geospatial Navigation Satellite System	Manila, Philippines	22 - 26 April 2024
United Nations/Costa Rica/Prince Sultan bin Abdulaziz International Prize for Water (PSIPW) - Sixth conference on the use of space technology for water management	San José, Costa Rica	7 to 10/11 May 2024
United Nations/Spain Workshop on Global Navigation Satellite Systems and Related Space Technologies	Malaga, Spain	November 2024

<i>Initiatives</i>	<i>Deadline/information</i>
Access to Space for All	
Announcement of opportunity: Center of Applied Space Technology and Gravity and German Aerospace Center/DropTES (10th round)	Announcement in Q2 2024, deadline for Q4 2024 TBD
Announcement of opportunity: European Space Agency/HyperGES (4th round)	Announcement in Q2 2024, deadline for Q4 2024 TBD
Announcement of opportunity: Japan Aerospace Exploration Agency/KiboCUBE (9 th round)	Announcement in Q2 2024, deadline for Q4 2024 TBD
Announcement of opportunity: Mohammed Bin Rashid Space Centre/PHI (3rd round) (TBD)	Announcement in Q3 2024 deadline for Q1 2025 TBD
Announcement of opportunity: Kyushu Institute of Technology/PNST (2025 round)	Announcement in Q2 2024, deadline for Q1 2025 TBD
Webinar series on Satellite Development Track of Access to Space for All	Q1 – Q4 2024 TBD
Webinar series on Hypergravity and Microgravity track of Access to Space for All	Q1 – Q4 2024 TBD
Webinar series on Space Exploration Track of Access to Space for All	Q1 – Q4 2024 TBD
Webinar series on NASA System Engineering of Access to Space for All	Q1 2024 TBD
Space for Water	
Fourth Space4Water Stakeholder Meetings (online)	Q4 2024
Space for Water Portal	Continuous content and services

International Committee on GNSS (ICG)

<i>Activity</i>	<i>Location</i>	<i>Dates</i>
Training Course on Global Navigation Satellite Systems and Workshop on Global Navigation Satellite Systems for Policy and Decision Makers	Kathmandu, Nepal	12 - 16 February 2024
International Space Weather Initiative Steering Committee Meeting	Vienna, Austria	5 - 6 February 2024
Technical Seminar on Reference Frame in Practice at the International Federation of Surveyors Working Week	Accra, Ghana	19 – 20 May 2024
29th Meeting of the ICG Providers' Forum	Vienna, Austria	24 June 2024
ICG Working Group on Systems, Signals and Services Intersessional Meeting	Vienna, Austria	25 - 28 June 2024
ICG Working Group on Enhancement of Global Navigation Satellite Systems Performance, New Services and Capabilities Intersessional Meeting	Vienna, Austria	25 - 28 June 2024
18 th Meeting of the International Committee on Global Navigation Satellite Systems	Wellington, New Zealand	7 – 11 October 2024
30th Meeting of the ICG Providers' Forum	Wellington, New Zealand	6 and 10 October 2024
Africa Capacity Building Workshop on Space Weather and Ionospheric Research	Trieste, Italy	22 – 31 October 2024

Space and Global Health

<i>Activity</i>	<i>Location</i>	<i>Dates</i>
Capacity-building event on Space and Global Health	TBC	Q3-Q4 2024

United Nations Platform for Space-based Information for Disaster Management and Emergency Response (UN-SPIDER)

<i>Activity</i>	<i>Location</i>	<i>Dates</i>
Visit of Technical University Wiener Neustadt student group, lecture on UN-SPIDER	Vienna, Austria	January 2024
Regional training on space for disaster management in Asia-Pacific region at the APAN57 (Asia-Pacific Advanced Networks) Conference	Bangkok, Thailand	February 2024
Nepal training of the National Disaster Risk Management Agency District-level staff in multi-hazard risk assessment, jointly with ESCAP/APCICT Office	Kathmandu, Nepal	February 2024
UN-SPIDER Bonn Conference and RSO Meeting	Bonn, Germany	March 2024
Technical Advisory Mission to Kyrgyzstan	Bishkek, Kyrgyzstan	April 2024
Technical Advisory Mission to Uzbekistan	Tashkent, Uzbekistan	May 2024

Technical Advisory Mission to Serbia	Belgrade, Serbia	May 2024
Technical Advisory Support to Tunisia TBC	Tunis, Tunisia TBC	May 2024
Participation in Fourth International Conference on Small Island Developing States (SIDS4) - UN-SPIDER awareness raising	Antigua and Barbuda	May 2024
Africa Regional Workshop/Training on Space and Disaster Management, joint w. Regional Centres	TBD, Africa	June 2024
Participation in the Third United Nations Conference on Landlocked Developing Countries (LLDCs) - UN-SPIDER awareness raising	Kigali, Rwanda	June 2024
Regional awareness raising workshop or training (possibly Charter Project Management) focused on Central Asian States	Budapest, Hungary or Almaty, Kazakhstan	July 2024
Pacific Islands Forum of Heads of State (PIF) - UN-SPIDER space awareness raising session with UN Country Team, and CEOS Preparedness Demonstrator	Nuku'alofa, Tonga	August 2024
Technical Advisory Mission to Cook Islands	Avarua, Cook Islands	September 2024
Technical Advisory Mission to French Polynesia, TBD	Papeete, French Polynesia	September 2024
UN-SPIDER Beijing International Conference on EW4All and training with APSCO	Beijing, China	September 2024
UN-SPIDER Virtual Expert Meeting	Virtual	September 2024
2024 APMCDRR Session - UN-SPIDER outreach and representation and participant support	Manila, Philippines	October 2024
ASEAN Mekong Subregion workshop and training on disaster management, outreach, with NDRCC China	Nanning, China	November 2024
Regional awareness raising workshop/training on Digital Twinning for Pacific Island States	Apia, Samoa and Guangdong, China	December 2024
Virtual Technical Advisory Support for African and Latin American States	Virtual	TBC
Knowledge Portal development, EO imagery sharing platform development with UNGSC, service enhancements	TBC	TBC

Space law and policy

<i>Activity</i>	<i>Location</i>	<i>Dates</i>
Series of lectures in space law and policy for students of the Kyushu Institute of Technology under the Space Law for New Space Actors Project	Kyushu, Japan	January 2024

Workshop on the long-term sustainability of outer space activities	Vienna, Austria	6 February 2024
Expert group meeting collecting preliminary inputs for consideration at the international conference in Vienna in 2024	Luxembourg	26 March 2024
International Conference on Space Resources	Vienna, Austria	15 April 2024
United Nations Conference on Space law and Policy	TBD	Q3-4 2024
UN/UNU Regional Space Law Technical Advisory Mission for Asia and the Pacific Countries	Tokyo, Japan	16-18 January 2024
United Nations Space Law Technical Advisory Mission to a country in Asia and the Pacific	Kuala Lumpur, Malaysia	May 2024
United Nations Space Law Technical Advisory Mission to a country in Europe	TBC	TBC
United Nations Space Law Technical Advisory Mission to a country in the Latin America and the Caribbean	Chile	October 2024

Inter-agency coordination

<i>Activity</i>	<i>Location</i>	<i>Dates</i>
UN-Space annual meeting	TBC	Q2, Q3 or Q4 2024
UN-Space open session(s)	TBC	Q2, Q3 or Q3 2024

Secretariat of the Space Mission Planning Advisory Group (SMPAG)

<i>Activity</i>	<i>Location</i>	<i>Dates</i>
22 nd Space Mission Planning Advisory Group (SMPAG) Meeting	Vienna, Austria/ hybrid	31 January 2024
23 rd Space Mission Planning Advisory Group (SMPAG) Meeting	Milano, Italy	17-18 October 2024 (tbc)

Regional Centres

	<i>Location</i>
Centre for Space Science and Technology Education in Asia and the Pacific (CSSTEAP)	Dehradun, India
African Regional Centre for Space Science and Technology Education in French Language (CRASTE-LF)	Rabat, Morocco
African Regional Centre for Space Science and Technology Education in English Language (ARCESSTE-E)	Ile-Ife, Nigeria
Regional Centre for Space Science and Technology Education in Latin America (RECTEALC)	Puebla, Mexico

Regional Centre for Space Science and Technology Education for Western Asia (RCSSETWA)	Amman, Jordan
Regional Centre for Space Science and Technology Education in Asia and the Pacific (RCSSTEAP)	Beijing, China

Awareness-raising and Outreach

<i>United Nations/International Days and Anniversaries</i>	<i>Dates</i>
World Wetlands Day	2 February 2024
International Day of Women and Girls in Science	11 February 2024
International Women's Day	8 March 2024
World Water Day	22 March 2024
International Day of Human Space flight	12 April 2024
World Day to Combat Desertification and Drought	17 June 2024
International Asteroid Day	30 June 2024
International Moon Day	20 July 2024
International Youth Day	12 August 2024
World Space Week	4-10 October 2024
International Day for Disaster Reduction	13 October 2024
World Toilet Day	19 November 2024
International Day of Persons with Disabilities 2024	3 December 2024

<i>Publications</i>	<i>Symbol/Date</i>
UNOOSA 2023 Annual Report	Q2 2024
The Space2030 Agenda: Space as a Driver of Sustainable Development	ST/SPACE/88
Space4Women Gender Mainstreaming Toolkit	Q2 2024
Space for agriculture and food security	Q4 2024

<i>Other activities</i>	<i>Location</i>	<i>Dates</i>
World Space Forum 2024	Bonn, Germany	3 - 5 December 2024
Space4Women Study on the Participation of Women in the Space Sector	Virtual	Q3, 2024
Space4Women Expert Meeting	TBC	TBC

5 th Space4Youth Competition	Virtual	Q1, 2024
Awareness-raising and Capacity-building related to the Implementation of the Guidelines for the Long-term Sustainability of Outer Space Activities (LTS Guidelines) Project – 2x trainings on/demonstrations of open-source space situational awareness tools and capabilities	Virtual	Q1, 2024
Awareness-raising and Capacity-building related to the Implementation of the Guidelines for the Long-term Sustainability of Outer Space Activities (LTS Guidelines) Project – development and launch of an information repository (see A/AC.105/1279, annex II, para. 18)	Virtual	Q1-Q4 2024
UNOOSA Space Camp – Introductory Meeting for New Delegates	Vienna, Austria/Virtual	Q3 2024
Space for Persons with Disabilities – Implementation of the Secretary-General United Nations Disability Inclusion Strategy (UNDIS): capacity building webinar series; inclusive internship targeting persons with disabilities	Virtual	Q1-Q4 2024
Policy Symposium: Management and Sustainability of Outer Space Activities Conference. Management and Sustainability of Outer Space Activities Conference.	Virtual	11 – 15 March 2024
Management and Sustainability of Outer Space Activities Conference. Management and Sustainability of Outer Space Activities Conference.	Lisbon, Portugal	14 – 15 May 2024
Space Economy Workshop	Brazil	Q4
Publication of 3 e-learning courses on space economy	Virtual	Q1