

United Nations Office for Outer Space Affairs

Harnessing the Power of Space for Sustainable Development

STI Forum: United Nations system work on STI for the SDGs



UNITED NATIONS
Office for Outer Space Affairs

5 May 2022

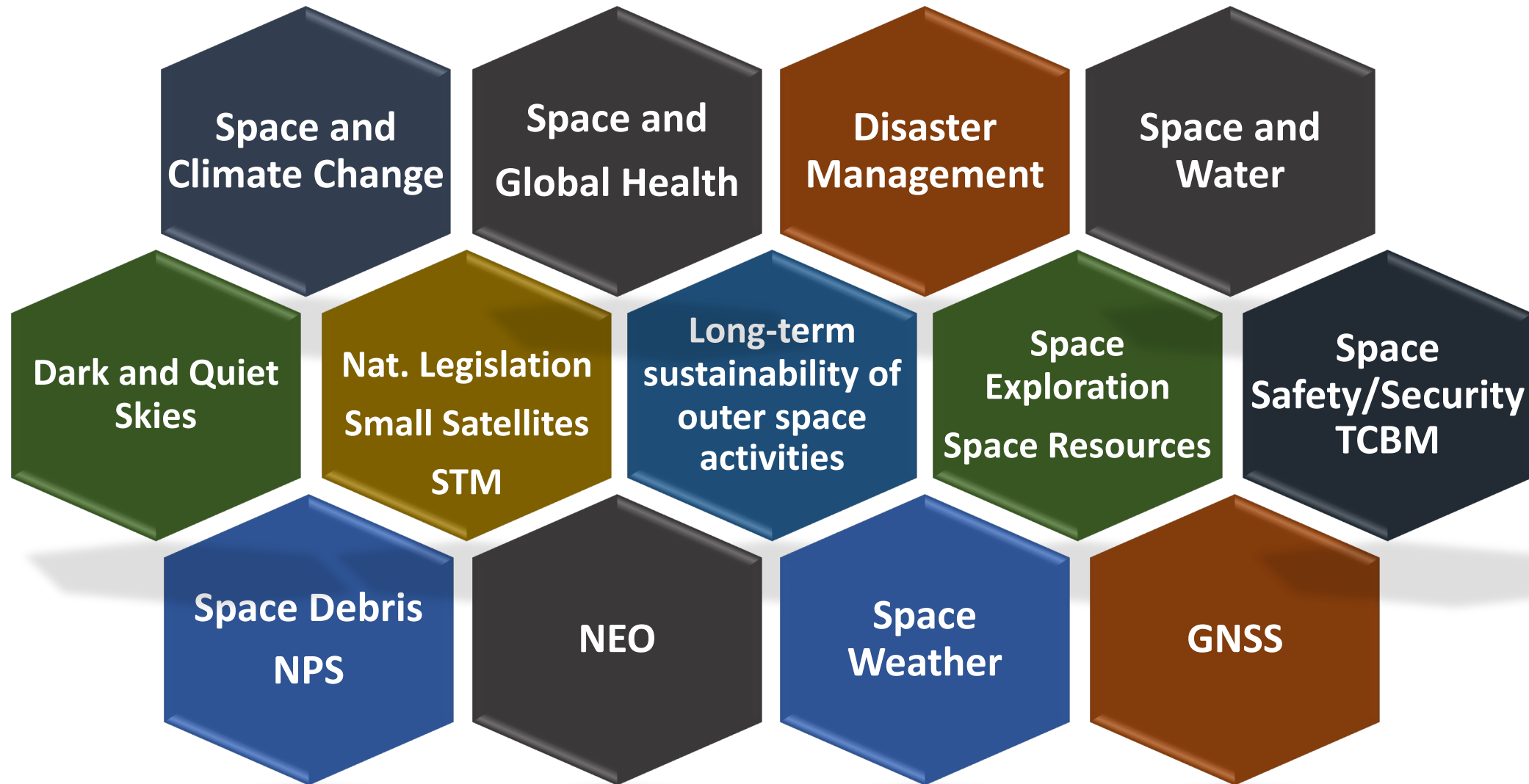
Niklas Hedman, Acting Director

Committee on the Peaceful Uses of Outer Space

Building Multilateral Consensus through the UN



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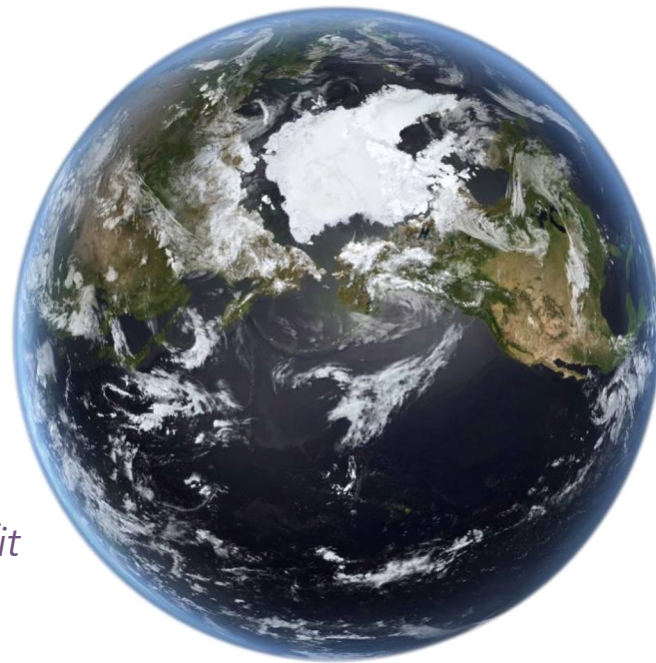


Space2030 Agenda (GA Res 76/3, 25 October 2021)

Charting the way to enhance the use of Space4SDGs

We, the States Members of the United Nations, acknowledge that the **exploration and peaceful uses** of outer **space** have **enriched our collective knowledge and revolutionized life** on Earth.

As the space community moves forward with its space exploration endeavours, space will continue to serve as a source of inspiration and innovation and to provide applications for the benefit of humankind.



Overarching objectives:

- ❑ **Space economy:** Enhance space-derived **economic benefits** and **strengthen the role** of the space sector as a major driver of sustainable development
- ❑ **Space society:** **Harness the potential** of space to solve everyday challenges and **leverage** space-related **innovation** to improve the **quality of life**
- ❑ **Space accessibility:** Improve **access to space** for all and ensure that all countries can benefit from space to support the **achievement of SDGs**
- ❑ **Space diplomacy:** Build **partnerships** and strengthen **international cooperation** in the peaceful uses of outer space and in the **global governance** of outer space activities

Office for Outer Space Affairs

Our Work



UNOOSA was initially created as a small expert unit within the UN Secretariat. Over the years it has evolved to a hub for space science and technology, space law and policy. Today we work to **advance int. cooperation** in the peaceful uses of outer space & **bring space benefits to everyone**.

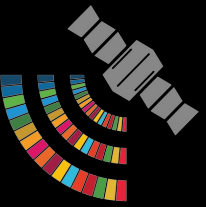
- ❑ Secretariat to COPUOS
- ❑ Works with MS, IGOs, NGOs (space-related)
- ❑ Programme on Space Applications
- ❑ UN-wide coordination - UN-Space
- ❑ UN Register of Space Objects
- ❑ UN-SPIDER – with Offices in Austria, China & Germany
- ❑ International Committee on Global Navigation Satellite Systems (ICG)
- ❑ Space Mission Planning Advisory Group (SMPAG)



www.unoosa.org



UNOOSA and Space for Sustainable Development



Space for Women



Space Law for New Space Actors



UN-SPIDER



Access to Space for All



Space for Persons with Disabilities



Space Economy



Space for Climate Action



International Committee on GNSS



Space for Youth



Space Sustainability



Space for Water



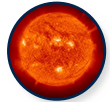
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Special reports and SG Reports on coordination of space-related activities



Partnerships



Space Weather



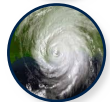
TCBMs



Space for global health



Agriculture and food security



Space and climate change



Space benefits for Africa



New and emerging technologies

40 Annual sessions and 15 Open sessions



World Space Forum

Advancing multistakeholder dialogue on outer space



The World Space Forum, as the **next-generation holistic platform**, builds on the recommendations collected over the years. The goal is to leverage **space technologies** to their full potential and achieve their **sustainable use for a sustainable planet**.

Historical overview:

- ❑ **2016-2018** – Series of High-level Forums
- ❑ **2019** – Inaugural World Space Forum on “Access to Space4All”
- ❑ **2020** – World Space Forum on “Space for our Future”
- ❑ **2021** – World Space Forum on “Space for Climate Action”
- ❑ **2022** – More details coming soon



“

As the prominence of space keeps growing the call for the UN engagement as a convener and facilitator of international cooperation will only increase. In close coordination with the international community, the UN remains committed to building a sustainable future in space and better future for everyone, everywhere through space.

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Our Common Agenda

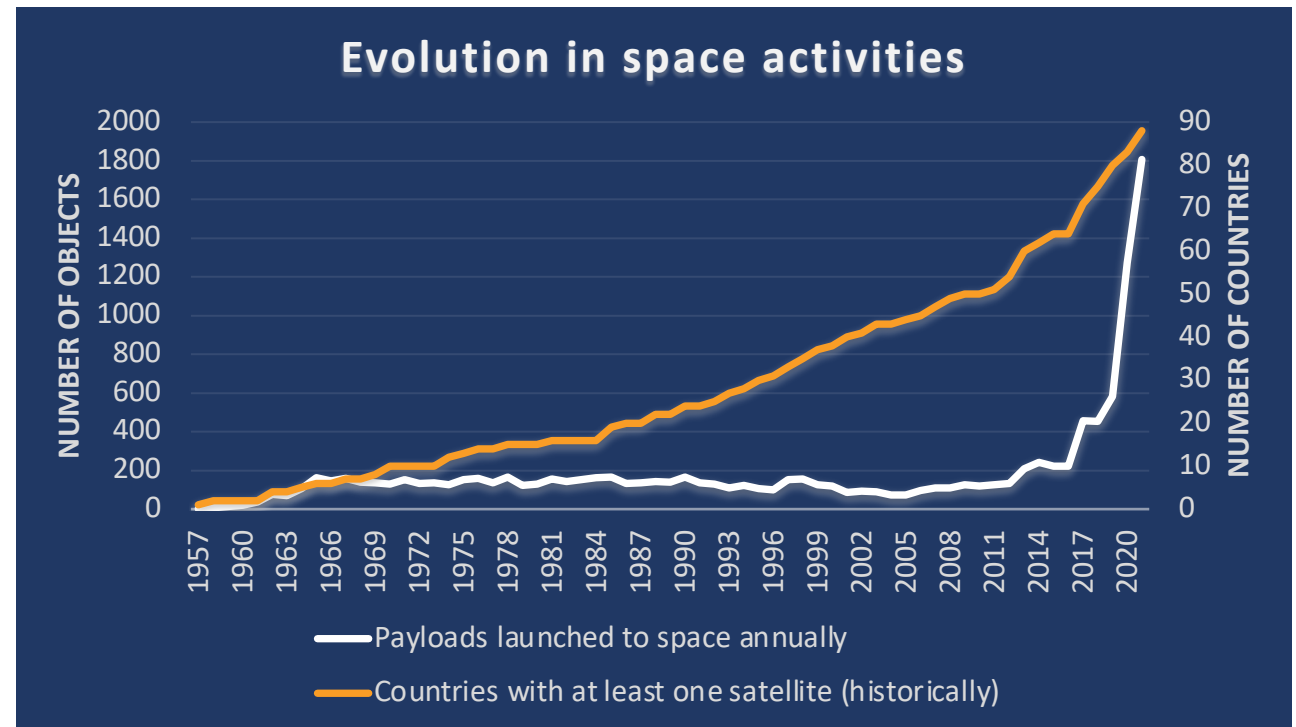
Chartering the future of outer space exploration & use



The placement of Outer Space Dialogue among the High-level tracks of the Summit of the Future underscores the importance of space at the United Nations.

Outer Space is one of the **key proposals** under the **12 commitments**

- ❖ **multi-stakeholder dialogue** on outer space as part of a Summit of the Future
- ❖ seek **high-level political agreement** on the peaceful, secure and sustainable use of outer space
- ❖ move towards a **global regime to coordinate space traffic** and agree on principles for the future governance



Outer space dialogue is one of the 8 proposed high level tracks of the **Summit of the Future**