



PROGRAMME

Space Law Technical Advisory Mission to Ghana

Accra

17-19 June 2025

Location:

CSIR - Science and Technology Policy Research
Institute (SEPRI), Airport-Accra



UNITED NATIONS
Office for Outer Space Affairs



TIME (GMT) 17 JUNE 2025

09:00-09:30

REGISTRATION OF
PARTICIPANTS

09:30-09:50

WELCOME REMARKS

BY JOSEPH BREMANG TANDOH, GSSTI

BY KWAMENA QUAISON, MEST, GHANA

BY JULIEN LUCAS, EMBASSY OF FRANCE IN GHANA

BY AARTI HOLLA-MAINI, DIRECTOR, UNOOSA

09:50-10:00

PRACTICAL OVERVIEW

BY ROSANNA DEIM-HOFFMANN, UNOOSA

10:00-10:30

NATIONAL SPACE ACTIVITIES
IN GHANA

BY THE DIRECTOR OF GSSTI

10:30-11:00

GLOBAL GOVERNANCE OF
OUTER SPACE ACTIVITIES AND
THE ROLE OF COPOUS

BY ROSANNA DEIM-HOFFMANN, UNOOSA

11:00-11:30

COFFEE BREAK AND PHOTO
OPPORTUNITY

11:30-12:00

INTRODUCTION TO SCENARIO-
BASED EXERCISE AND ICE-
BREAKING EXERCISE

BY MATEJ SIGET, UNOOSA

12:00-12:30

FUNDAMENTAL PRINCIPLES OF
THE OUTER SPACE TREATY -
CORE PRINCIPLES AND
CONCEPTS

BY CHEHINEZE BOUAFIA, EUTELSAT, FRANCE

12:30-13:00

THE UNITED NATIONS SPACE
TREATIES: BENEFITS AND
OBLIGATIONS - NATIONAL
EXAMPLE

BY AMAL LAYACHI, CRTS, MOROCCO



TIME (GMT) 17 JUNE 2025

13:00 - 14:00

LUNCH BREAK

14:00 - 14:30

THE RESCUE AND RETURN
AGREEMENT - TRENDS,
BENEFITS AND NECESSARY
STEPS

BY TANJA MASSON-ZWAAN, LEIDEN UNIVERSITY,
THE NETHERLANDS

14:30 - 15:00

REGISTRATION OF OBJECTS
LAUNCHED INTO OUTER
SPACE - TRENDS, BENEFITS
AND NECESSARY STEPS

BY HUGO LOPEZ, CNES, FRANCE

15:00 - 15:30

COFFEE BREAK

15:30 - 16:00

THE LIABILITY CONVENTION -
TRENDS, BENEFITS, AND
NECESSARY STEPS

BY BALÁZS BARTÓKI-GÖNCZY, LUDOVIKA
UNIVERSITY OF PUBLIC SERVICE, HUNGARY

16:00 - 17:00

DISCUSSION OF SCENARIO-
BASED EXERCISE
(DISCUSSION POINT 1)

BY ALL PARTICIPANTS



TIME (GMT) 18 JUNE 2025

09:00 - 09:30

ARRIVAL OF PARTICIPANTS

09:30 - 10:00

NATIONAL SPACE LEGISLATION
- PURPOSE, SCOPE AND ITS
SEVEN KEY ELEMENTS
BY ROSANNA DEIM-HOFFMANN, UNOOSA

10:00 - 10:30

DRAFTING A NATIONAL SPACE
LAW – FROM A-Z
BY MARTIN REYNDERS, DLR, GERMANY

10:30 - 11:00

NATIONAL SPACE LEGISLATION
– SCOPE OF APPLICATION
BY RACHEAL OLORE, KENYA SPACE AGENCY,
KENYA

11:00 - 11:30

COFFEE BREAK

11:30 - 12:00

AUTHORIZATION, LICENSING,
AND CONTINUING
SUPERVISION OF NATIONAL
SPACE ACTIVITIES: OVERVIEW
BY JOANNE WHEELER, UNITED KINGDOM

12:00 - 12:30

AUTHORIZATION, LICENSING,
AND CONTINUING
SUPERVISION OF NATIONAL
SPACE ACTIVITIES – NATIONAL
EXAMPLE
BY HUGO LOPEZ, CNES, FRANCE

12:30 - 13:00

SETTING UP AND OPERATING A
NATIONAL REGISTRY FOR
OBJECTS LAUNCHED INTO
OUTER SPACE
BY TANJA MASSON-ZWAAN, LEIDEN
UNIVERSITY, THE NETHERLANDS

13:00 - 14:00

LUNCH BREAK



TIME (GMT) 18 JUNE 2025

14:00 - 14:30

INSURANCE OF SPACE
ACTIVITIES

BY TANJA MASSON-ZWAAN, LEIDEN
UNIVERSITY, THE NETHERLANDS

14:30 - 15:00

SAFETY CONSIDERATIONS OF
SPACE ACTIVITIES – SPACE
DEBRIS MITIGATION AND
LONG-TERM SUSTAINABILITY

BY MARTIN REYNDERS, DLR, GERMAN

15:00 - 15:30

COFFEE BREAK

15:30 - 16:30

DISCUSSION OF SCENARIO-
BASED EXERCISE (DISCUSSION
POINT 2)

BY ALL PARTICIPANTS

16:30 - 17:00

NATIONAL, REGIONAL AND
INTERNATIONAL REGULATORY
ASPECTS TO CONSIDER –
INDUSTRY PERSPECTIVE

BY CHEHINEZE BOUAFIA, EUTELSAT, FRANCE



TIME (GMT)

19 JUNE 2025

09:00 - 09:30

ARRIVAL OF PARTICIPANTS

09:30 - 10:00

INTELLECTUAL PROPERTY
RIGHTS IN SPACE ACTIVITIES
BY MATEJ SIGET, UNOOSA

10:00 - 10:30

LEGAL FRAMEWORKS FOR
ESTABLISHING LAUNCH
FACILITIES AND LICENSING
SPACE ACTIVITIES – NATIONAL
EXAMPLE, KENYA
BY RACHEAL OLORE, KENYA SPACE AGENCY,
KENYA

10:30 - 11:00

LEGAL REGIME OF EARTH
OBSERVATION AND THE USE
OF SPACE DATA
BY BALÁZS BARTÓKI-GÖNCZY, LUDOVKA
UNIVERSITY OF PUBLIC SERVICE, HUNGARY

11:00 - 11:30

COFFEE BREAK

11:30 - 12:15

REGULATORY ASPECTS OF
OUTER SPACE ACTIVITIES IN
CONNECTION WITH ITU
REGULATIONS
BY VÉRONIQUE GLAUDE, ITU

12:15 - 13:15

LUNCH BREAK

13:15 - 14:15

DISCUSSION OF SCENARIO-
BASED EXERCISE (DISCUSSION
POINT 3)
BY ALL PARTICIPANTS

14:15 - 15:00

FINALISATION OF
PRESENTATIONS
BY ALL PARTICIPANTS



TIME (GMT)

19 JUNE 2025

15:00 - 16:30

PRESENTATION OF SCENARIO-
BASED EXERCISE AND
COMMENTS BY EXPERTS
BY ALL PARTICIPANTS AND EXPERTS

16:30 - 17:00

OBSERVATIONS ON TECHNICAL
ADVISORY MISSION AND
CLOSING REMARKS
BY ROSANNA DEIM-HOFFMANN, UNOOSA

BY FRANCE

BY GHANA

SPEAKERS



AMAL LAYACHI

The United Nations Space Treaties: benefits and obligations – national example

Amal Layachi is an engineer in the field of automation and industrial computing, and holds a Master's degree in electronics, automation, and electrical engineering, as well as a Diploma of Advanced Studies in instrumentation and control. Her professional journey spanning over 30 years reveals remarkable expertise in the implementation of integrated programs that merge space solutions with national and regional strategies. Ms. Layachi has coordinated significant projects aimed at integrating space technologies into crucial sectors such as land planning, urbanism, agriculture, fisheries, forestry, energy, climate change mitigation and adaptation and disaster and natural risk management. This proactive approach has positioned space technologies as an essential lever for socio-economic development.

Ms. LAYACHI has established strategic partnerships across space agencies like CNES, ESA, NASA, and others. She is a member of international organizations such as UNOOSA, GEO, and COSPAR. Her active participation in global forums highlights her role as a catalyst for the application of space technologies in support of development. Her vision of making these technologies accessible to developing countries reflects her determination to transform complex tools into concrete solutions for economic growth.

BALÁZS BARTÓKI-GÖNCZY



- The Liability Convention – trends, benefits, and national steps
- Legal regime of Earth Observation and the use of Space Data

Balázs Bartóki-Gönczy is associate professor of law and director of the Institute of Aerospace and Telecommunications Law (Ludovika University of Public Service in Budapest, Hungary). He is Vice-Dean of Academic Affairs of the Faculty of Public Governance and International Studies at the same university. Balázs is visiting scholar at Université Paris Saclay (Master in Telecommunications and Space Law) and at Louis D. Brandeis Law School (University of Louisville, Kentucky, USA). His field of research is telecommunications and space law, which he teaches in Hungarian, English and French. He obtained Hungarian and French legal degrees (specialized in telecommunications and space law), an MBA diploma (Université Lyon III) and he is doctor of science of law (PhD).

CHEHINEZE BOUAFIA



- Fundamental principles of the Outer Space Treaty – core principles and concepts
- National, regional & international regulatory aspects to consider – industry perspective

Chehineze Bouafia is the Head of Regulatory Affairs, Space & Telecommunications at Eutelsat Group. In addition to her responsibilities for telecoms regulation, she is also in charge of matters related to space law and policy, in particular compliance with the French space law. She also leads Eutelsat Group's efforts regarding political and legal developments to address new space sustainability related developments such as constellations, space traffic management, in-orbit services, etc. She began her career as a lawyer at Alerion Law Firm supporting innovative businesses across the entire spectrum of commercial law. Before joining Eutelsat Group, Chehineze also worked at ESA, serving both the legal services department and managing the administration of ECSL, where she now sits as an honorary member.



JOANNE WHEELER

Authorization, licensing, and continuing supervision of national space activities: overview

Joanne is a leading expert in the field of satellite and space law, policy, regulation and spectrum issues and commercial contracts, having worked at Ofcom, the European Space Agency (ESA) and for over 20 years in private legal practice in this area. She was honoured to represent ESA and the UK at UNCOPUOS. She was awarded an MBE for services to the UK space industry in 2017.

She is ranked Tier 1 in legal directories. Joanne won the Financial Times European Legal Innovator of the Year award in 2014. She is the co-founder and Chair of the Satellite Finance Network (www.satellitefinancenetwork.org) and the Prospero Space Fellowship (www.prosperofellowship.org).

She is also the Director of the Earth&Space Sustainability Initiative (www.essi.org). She is a Fellow of the Royal Astronomical Society, the Royal Aeronautical Society and Deputy Chair of the National Space Centre. She Co-Chairs the UK Government's Spaceflight Safety and Regulatory Council and was appointed as an honorary Professor by the University of Leicester in 2022.



HUGO LOPEZ

- Registration of Objects Launched into Outer Space – trends, benefits, and necessary steps
- Authorization, licensing, and continuing supervision of national space activities – national example

Hugo Lopez holds a Master Degree in Space and Telecommunications Law from Paris Saclay University. After his studies, he started a PhD at the same university, on the freedom of scientific research under public international law. Since 2022, he has been legal advisor at the French Space Agency (CNES), where he works on international and European affairs, as well as space law matters.

TANJA MASSON-ZWAAN



- The Rescue and Return Agreement: trends, benefits, and necessary steps
- Setting up and operating a national registry for objects launched into outer space
- Insurance of space activities

Dr. Tanja Masson-Zwaan is Assistant Professor and Deputy Director of the International Institute of Air and Space Law at Leiden University. She is President Emerita of the IISL and a Vice President of the IAF. She co-authored 'Introduction to Space Law' (5th ed., Kluwer 2025) and chairs the Board of Editors of Kluwer's journal Air and Space Law. Her PhD 'Widening the Horizons of Outer Space Law' was published in the Meijers Series of Leiden Law School. Tanja advises the Dutch Government and other institutions on space law issues and was co-founder of the Hague International Space Resources Governance Working Group. The Dutch Government appointed her as an arbitrator for space-related disputes at the Permanent Court of Arbitration. Tanja teaches at universities worldwide and was appointed Adjunct Professor at Wuhan University (China) and as Global Faculty at ISU. She serves on various organisations' (Advisory) Boards, including Open Lunar Foundation, the Interplanetary Initiative of Arizona State University, and the Space Sustainability Rating.

She is an elected full member of professional associations such as IISL, the IAA, and the ILA. She was a Member of the Founding Boards of the ECSL and of Women in Aerospace-Europe, and is an Honorary Board Member of SGAC. Tanja received several awards and is a Member of Honour of the NVR. In 2020 she received a Royal decoration as 'Officer in the Order of Orange Nassau' for her work in space law.



MARTIN REYNDERS

- Drafting a national space law, from A-Z
- Safety considerations of space activities – space debris mitigation and long-term sustainability

Martin Reynders is a Legal Advisor and Deputy Head of UN-Affairs at the German Space Agency at DLR. He works at the intersection of national and international law on questions of development and application of international space law and registration in the UN context. Martin studied the law in Cologne where he first got in touch with space law at the Institute for Air Law, Space Law and Cyber Law. After his studies, Martin worked as a research assistant and author for the Cologne Commentary on Space Law Project. In 2019, he joined the Department for UN-Affairs.

ROSANNA DEIM-HOFFMANN



- Global governance of space activities, the role of COPUOS & the importance of regulating national space activities
- National space legislation – purpose, scope and its seven key elements

Rosanna Deim-Hoffmann is currently serving as Programme Officer for the “Space Law for New Space Actors” project within the CPLA Section of UNOOSA. prior to joining UNOOSA, she was the executive officer of the European Centre for Space Law and worked as a Legal Officer in the Public International Law Division of ESA, focusing on space law and policy. Before joining ESA, Rosanna worked at the Section for International Law and International Relations within the Department of European, International and Comparative Law at the University of Vienna as an assistant lecturer and project assistant. She has several years of work experience in the Austrian Federal Ministry of Justice, with prime focus of labour law within the penal system. Within the Ministry, she also served as Deputy Head of the Division for Interpreters and Experts.



RACHEAL OLORE

- National space legislation – scope of application
- Legal framework for establishing launch facilities and licensing space activities – national example

Ms. Racheal Olore is currently the Legal Officer at the Kenya Space Agency. She is also an Advocate of the High Court of Kenya and an active member of the Law Society of Kenya. Prior to this, she worked at the Office of the Attorney General and various government parastatals where she gained vast experience in the legal sector and strategic cooperation. Ms. Olore holds a Bachelor's Degree in Law (LLB) from the University of Nairobi where she graduated with a Second Class Upper Division. She also holds a Post graduate diploma in law from the Kenya School of Law. Additionally, she is also a Certified Professional Mediator.

Her interest spans international law and international relations, space policy, law and governance, environmental law and intellectual property law. Her achievement in the space sector includes being part of the team that is drafting and reviewing the Kenya Space Bill 2024.

VÉRONIQUE GLAUDE



Regulatory aspects of outer space activities in connection with ITU regulations

Véronique Glaude is the ITU representative to COPUOS since 2018. She is an expert engineer on Radio Regulations for space services at the International Telecommunication Union (ITU). She also coordinated the ITU SpaceExplorer project to improve access to ITU space services data. She provides assistance and support to ITU members and actively participates in seminars and World Radiocommunication Conferences. She joined the ITU in 1999 and worked until 2018 on the regulatory and technical examination of satellite network filings in the Planned frequency bands.