



Programme

UN/Turkey/APSCO Conference on Space Law and Policy

Hosted by the Government of Turkey

Co-organized by UNOOSA, TUBITAK UZAY, the Turkish Space Agency and APSCO

23-26 September 2019

Istanbul, Turkey





UN/Turkey/APSCO Conference on Space Law and Policy
Istanbul, Turkey

DAY 1 – MONDAY, 23 SEPTEMBER 2019

09:00 – 10:00	Registration
OPENING SESSION	
10:00 – 11:00	<ul style="list-style-type: none"> • Mehmet Karaca, <i>Rector, İstanbul Technical University</i> • Niklas Hedman, <i>Chief, Committee, Policy and Legal Affairs Section, UNOOSA</i> • Li Xinjun, <i>Secretary-General, APSCO</i> • Serdar Hüseyin Yıldırım, <i>President, Turkish Space Agency</i> • Lokman Kuzu, <i>Director, TUBITAK Space Technologies Research Institute (TUBITAK UZAY)</i>
11:00 – 11:30	<i>Coffee Break (Group Photo)</i>
THEME 1 <i>Promoting responsible, peaceful and safe use of outer space</i>	
11:30 – 12:45	<p>Moderator Medeni Soysal, <i>TUBITAK Space Technologies Research Institute</i> Rapporteur Anna Hurova, <i>National Academy of Science Ukraine</i> Speakers</p> <ul style="list-style-type: none"> • 11:30-11:45 Introduction by the Moderator • 11:45-12:15 The Case for No Waste: Autonomous Decommissioning Devices as a Requirement for Satellites, an Approach for Europe Catherine Doldirina, <i>D-Orbit</i> • 12:15-12:45 Legal Resources of Jurisdiction Over Space Object Guoyu Wang, <i>Beijing Institute of Technology</i>
12:45 – 14:15	<i>Lunch Break</i>
14:15 – 15:15	<p>Speakers</p> <ul style="list-style-type: none"> • 14:15-14:45 The Role of International Manuals in Contributing to the Peaceful and Safe Use of Outer Space Kuan-Wei Chen, <i>McGill University</i> • 14:45-15:15 The Law of Armed Conflict in a Domain for Peaceful Purposes: International Humanitarian Law in Outer Space Gérardine Goh Escolar, <i>National University of Singapore / Hague Conference on Private International Law</i>
Break out groups <i>National legal and policy frameworks related to outer space activities</i>	
15:15 – 15:30	<p>Facilitator Niklas Hedman, <i>UNOOSA</i></p> <ul style="list-style-type: none"> • 15:15-15:30 Introduction by the Facilitator
15:30 – 16:00	<i>Coffee Break</i>



All participants will be allocated to either of the 5 Groups described below. The members of the Group and the room will be announced on the Morning of Day 1 at the registration desk. Please check your Group and the room. During the Coffee Break, participants are expected to move to join their Group.

- **16:00-17:00 Stage 1**

Each Group decides on three factors that are key in establishing a national law/policy

- **17:00-18:15 Stage 2**

Each Group breaks up into 3 subgroups to identify the above 3 key factors

- **18:15-18:45 Stage 3**

The subgroups present their respective outcomes to their Group.

Moderators and Rapporteurs draft a report to present their Group outcome on DAY 3.

16:00 – 18:45

- Group1 Scope of Application

- **Moderator Chukeat Noichim, Mae Fah Luang University**
- **Rapporteur Aurelie Trur, Graduate Institute for Policy Studies (GRIPS) Tokyo**

- Group2 Authorization

- **Moderator Gabriel Swiney, State Department, USA**
- **Rapporteur Alperen Evrensel, TUBITAK**

- Group3 Supervision/Registration

- **Moderator Yulia Gromyko, Ministry of Foreign Affairs, Russian Federation**
- **Rapporteur Serhat Kaşıkara, Independent Legal Scholar, Turkey**

- Group4 Liability/Insurance

- **Moderator Aisha Jagirani, APSCO**
- **Rapporteur Qi Yang, Leiden University**

- Group5 Debris mitigation

- **Moderator Burak Yağlıoğlu, TUBITAK Space Technologies Research Institute**
- **Rapporteur Ursula Liliam Castillo Guevara, Specialist Consultant**

18:45 – 20:00

Welcome Reception



DAY 2 – TUESDAY, 24 SEPTEMBER 2019

THEME 2 *Best practices in sharing remote sensing data*

09:30 – 10:15	<p><u>Moderator</u> Muhammed Abdus Salam, <i>SPARRSO</i> <u>Rapporteur</u> Halit Mirahmetoğlu, <i>TRC Consulting</i> <u>Speakers</u></p> <ul style="list-style-type: none"> • 09:30-09:45 Introduction by the Moderator • 09:45-10:15 Remote Sensing Data Policies and the Sharing of EO Data for Non-Commercial Purposes Dimitra Stefoudi, <i>Leiden University</i> • 10:15-10:45 Environmental Applications of Remote Sensing Nazlı Can, <i>Istanbul Technical University</i>
10:45 – 11:15	<i>Coffee Break</i>
11:15 – 11:45	<ul style="list-style-type: none"> • 11:15-11:45 Best Practices in Sharing Remote Sensing Data to Achieve the Sustainable Development Goals Orkun Hasekioğlu, <i>United Nations Technology Bank, TUBITAK</i>
11:45 – 13:15	<i>Lunch Break</i>

THEME 3 *Legal regime of outer space and global governance*

13:15 – 16:00	<p><u>Moderator</u> Andrzej Misztal, <i>Ministry of Foreign Affairs, Poland</i> <u>Rapporteur</u> Mohammad Hossein Oujii, <i>ISA</i> <u>Speakers</u></p> <ul style="list-style-type: none"> • 13:15-13:30 Introduction by the Moderator • 13:30-14:00 The Guidance Document in Support of Global Space Governance Bernhard Schmidt-Tedd, <i>DLR</i> • 14:00-14:30 Deficiencies and Pressing Issues in the Existing Legal Regime of Outer Space Christopher Johnson, <i>Secure World Foundation</i> • 14:30-15:00 Space Governance: the Role and Contribution of International Intergovernmental Organisations Marco Ferrazzani, <i>ESA</i> • 15:00-15:30 Space Law, Air Law, Telecommunications Law: Elective Affinities and Fundamental Differences George Kyriakopoulos, <i>Ministry of Foreign Affairs of the Hellenic Republic</i>
---------------	---



UN/Turkey/APSCO Conference on Space Law and Policy

Istanbul, Turkey

	<ul style="list-style-type: none">• 15:30-16:00 Harmonised system of secured transactions law for space assets – The Space Protocol of the Cape Town Convention Hamza Hameed, <i>UNIDROIT</i>
16:00 – 16:30	<i>Coffee Break</i>
16:30 – 18:30	<ul style="list-style-type: none">• 16:30-17:00 The Exploration, Exploitation and Utilization of Space Resources: Legal and Policy Issues Steven Freeland, <i>Western Sydney University</i>• 17:00-17:30 Moon Agreement: Establishment of a Legal Regime that Regulates the Exploitation of the Moon and Other Celestial Bodies Rosa Ma Ramírez de Arellano y Háro, <i>Mexican Space Agency</i>• 17:30-18:00 Space Mining: Social and Legal Challenges Reşat Volkan Günel, <i>Yakındoğu University</i>• 18:00-18:30 The Hague International Space Resources Governance Working Group and the Space Resources Debate Tanja Masson-Zwaan, <i>Leiden University</i>
18:30 – 20:30	<i>Gala Dinner</i>



DAY 3 – WEDNESDAY, 25 SEPTEMBER 2019

THEME 4 *Long-term sustainability of outer space activities*

09:30 – 10:45	<p>Moderator Niklas Hedman, <i>UNOOSA</i> Rapporteur Maksim Alekseev, <i>Moscow State Institute of International Relations</i> Speakers</p> <ul style="list-style-type: none"> • 09:30-09:45 Introduction by the Moderator • 09:45-10:15 Small Satellite Activities and Long-Term Sustainability of Outer Space Activities Hamid Kazemi, <i>Aerospace Reserach Insititute, Iran</i> • 10:15-10:45 International Cooperation and Sustainable Development in Outer Space: China as an Example Yun Zhao, <i>The University of Hong Kong</i>
10:45 – 11:15	<i>Coffee Break</i>
11:15 – 12:45	<ul style="list-style-type: none"> • 11:15-11:45 Rule of Law Ensures Long Term Sustainable Development of Outer Space Activities Jilian Wang, <i>China Academy of Space Technology</i> • 11:45-12:15 Addressing the Management of Outer Space Through Antarctic Experience Merve Erdem, <i>Ankara University</i> • 12:15-12:45 Liability Issues in Current Space Activities. Evolution or Revolution? Armel Kerrest, <i>University of Western Brittany</i>
12:45 – 14:00	<i>Lunch Break</i>

THEME 5 *Strengthening capacity-building in space law and policy*

14:00 – 16:15	<p>Moderator Gülmelahat Doğan, <i>TUBITAK</i> Rapporteur Priyanka Jawale, <i>Savitribai Phule Pune University</i> Speakers</p> <ul style="list-style-type: none"> • 14:00-14:15 Introduction by the Moderator • 14:15-14:45 Space Law for New Space Actors: Fostering Responsible National Space Activities Yukiko Okumura, <i>UNOOSA</i> • 14:45-15:15 Capacity-Building Approach for Space Laws and Policies for (Emerging) African Countries Magda Cocco, <i>VdA Lisbon</i>
---------------	--



UN/Turkey/APSCO Conference on Space Law and Policy

Istanbul, Turkey

	<ul style="list-style-type: none"> • 15:15-15:45 Leveraging Space Law capability for New Space Actors in Asia-Pacific Phee Choosri, <i>GISTDA</i> • 15:45-16:15 APSCO's Approach to Capacity-Building in Space Law and Policy Mohammad Ebrahimi Seyedabadi, <i>APSCO</i> • 16:15-16:45 Moving from Encouragement to Facilitation through Capacity-Building: Ensuring Next Generation Participation in Space Policy Decisions Charles Mudd, <i>Mudd Law Firm</i>
16:45 – 17:00	<i>Coffee Break</i>
Reporting of break out groups <i>National legal and policy frameworks related to outer space activities</i>	
17:00 – 18:30	<p><u>Facilitator</u> Niklas Hedman, <i>UNOOSA</i></p> <ul style="list-style-type: none"> • 17:00-17:15 Introduction by the Facilitator • 17:15-17:30 Group 1 Scope of Application • 17:30-17:45 Group 2 Authorization • 17:45-18:00 Group 3 Supervision/Registration • 18:00-18:15 Group 4 Liability/Insurance • 18:15-18:30 Group 5 Debris Mitigation

DAY 4 –THURSDAY, 26 SEPTEMBER 2019

OUTCOME OF THE CONFERENCE

09:00 – 11:30	<p><u>Moderator</u></p> <ul style="list-style-type: none"> • Niklas Hedman, <i>UNOOSA</i> • Medeni Soysal, <i>TUBITAK Space Technologies Research Institute</i> • Aziz Kuru, <i>APSCO</i>
---------------	--

CLOSING CEREMONY

11:30 – 12:00	<ul style="list-style-type: none"> • Serdar Hüseyin Yıldırım, <i>President, Turkish Space Agency</i> • Li Xinjun, <i>Secretary-General, APSCO</i> • Niklas Hedman, <i>Chief, Committee, Policy and Legal Affairs Section, UNOOSA</i>
---------------	---

12:00 – 13:30 *Lunch Break*

OPTIONAL SIGHT-SEEING TOUR

13:30 – 18:00	Historic Peninsula
---------------	--------------------