Current Trends and Challenges in Space Law

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European Institute of Law, Science and Technology

- Established in 2004
- Non-for-profit research organization
- Promotes innovation in laws and sciences
- Aims in smart inclusive sustainable development for all
Innovation in six pillars:
- Environment, climate change and energy
- Space
- Telecommunications
- Biosciences and research in genetics
- Intellectual property
- Social Sciences
Who participates in our team?

Four Lawyers
- Dr. Avgerinopoulou
- Ms. Georganda
- Ms. Katsigianni
- Dr. Georgakopoulos

An Astrophysics Professor
- Dr. Chatzichristou

A Policy Analyst
- Dr. Giannopapa

An Environmentalist and engineer
- Dr. Krasakis

A Political Scientist
- Ms. Stolis
**Our Activities and Initiatives**

- **Space Exploration for all**
- **Gaia Protection**
- **National Defense and military telecommunications**
- **Farming**
- **Financing of new technologies and start-ups in space sector**
- **Legal analysis of the current international, European and domestic legal instruments in Space Law**
- **Protection of our natural environment, prevention, preparedness and reconstruction in cases of natural disasters**

**Support and Participate in:**

- The preparation and implementation of related projects
- The dissemination of space science results at national and international level
- Assisting with the formulation of a global strategy for the communication of space science
- The implementation of innovative technologies and tools in science education
- Providing and/or facilitating educational opportunities

**Series of lectures to farmers on the application of space technologies for better and sustainable farming**

**Consulting and networking with both the public and private sources of finance**
Space Law

- Governing activities in outer space
- Karman Line
- Combination of customs and treaties
- Main Task: Free, unimpeded and non-discriminatory access of mankind
- Leading role of sovereign states in the exploration and exploitation of space
International Space Law

- Treaty on Principles Governing the Activities of States in the Exploration and Use of Outer Space, 1967
- Agreement on the Rescue of Astronauts, the Return of Astronauts and the Return of Space Objects Launched into Outer Space, 1968
- Convention on International Liability for Damage Caused by Space Objects, 1972
- Convention of Registration of Objects Launched into Outer Space, 1975
- Agreement Governing the Activities of States on the Moon and Other Celestial Bodies, 1979
Fundamentals of International Space Law

- No nation can make territorial claims to outer space and celestial bodies within it
- Nations have free access to space
- Free to conduct scientific investigation
- National rights to space objects launched by them are preserved
- Nations will cooperate in rendering assistance to crews of spaceships in emergencies
Current Issues (1)

The role of private sector in outer space
- Calls for a review of policy and legislation

Space Tourists
- Space tourism can be defined as space travel for recreational leisure purposes
- Such activities have to be properly integrated in a legal sense

Commercial Space Innovation
- Need for legal reform

Opinion Juris
- Applicability without ratification
Current Issues (2)

Military Activities

• Dilemma: Militarization vs Weaponization

Space Debris

• Veritable junkyard of orbital space debris
  • Space debris mitigation guidelines

Protection of space assets

Legal regime pertaining to ASAT

• Take into account Space Law, International Law and Humanitarian Law
Greece is a member of the UN COPUOS since 1980.

In 1994, Greece signed its first protocol for cooperation with ESA.

Greece began its space activities in 1985.

Greece became the 16th member state of ESA in 2005.
Since 2004, there have been a number of efforts to draft a national space strategy. However, Greece currently does not have an official national strategy on space. National Strategic Plan for Research and Development 2014-20 includes space. Since the recent economic downturn in the country, Greece has significantly decreased its national investments into space activities at both national and ESA level.
Thank you very much for your attention!