



APSCO
ASIA-PACIFIC SPACE COOPERATION ORGANIZATION

Space Law & Policy in the Asia-Pacific Region



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Asia-Pacific Space Cooperation Organization





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- Regional Intergovernmental Organization
- Headquartered in Beijing
- World's second Regional intergovernmental space organization
(first: ESA)



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- **The new signatory countries of 2012:**





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OBJECTIVES:

- to promote and strengthen the development of collaborative space programs among its Member States by establishing the basis for cooperation in peaceful applications of space science and technology;
- to take effective actions to assist the Member States in such areas as space technological research and development, applications and training by elaborating and implementing space development policies;



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- to promote cooperation, joint development, and to share achievements among the Member States in space technology and its applications as well as in space science research by tapping the cooperative potential of the region;
- to enhance cooperation among relevant enterprises and institutions of the Member States and to promote the industrialization of space technology and its applications;
- to contribute to the peaceful uses of outer space in the international cooperative activities in space technology and its applications.



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APSCO Convention

=

Regional Space Law

CONVENTION
OF
THE ASIA-PACIFIC SPACE
COOPERATION ORGANIZATION
(APSCO)



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The Status of International Space Law under the Framework of the United Nations



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Outer Space Treaty

Rescue and Return Agreement

Liability Convention

Registration Convention

Moon Agreement



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	OST 1967	RA 1968	LA 1972	RC 1975	MA 1979
Bangladesh	R	S	S	S	
China	R	R	R	R	
Indonesia	R	R	R	R	
Iran	S	R	R	S	
Mongolia	R	R	R	R	
Pakistan	R	R	R	R	R
Peru	R	R	R	R	R
Thailand	R	R	S	S	
Turkey	R	R	R	R	



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- **Space Law Research for Declaration of Legal Principles Governing the Activities in the Exploration and Use of Outer Space**
- **Principle of Space Law and Concentrate in the UN treaties related to space**
- **Research in individual National Space Law**
- **Research in bilateral and multilateral space cooperation and legal framework**



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Project Plan for APSCO's Activities Space Law (2011-2020)

1. Evaluation of UN Space Law treaties
2. Evaluation status of Each APSCO Member State with 5 UN-treaties (signed and ratified)
3. Evaluation and comparative National Space Law of Member States
4. Research in specific interested countries on Space Law and Their practice
5. Research on bilateral and multilateral space cooperation and legal framework



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The Necessity and Feasibility of Establishment of the Asia-Pacific Research Center for Space Law & Policy



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- UN COPUOS has been attached great importance to the space law teaching and research;
- Asia-Pacific Region is the world's largest commercial communications satellite quantity demanded area;



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- In United Nations, the space domain has been mostly dominated by those countries which constitute the spacefaring nations such as the United States, Russia, and European countries;
- Asian Countries need to catch up with spacefaring nations in space law development. So, what can we do about it?



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Three regional space organizations in the Asia-Pacific Region:

- **APRSAF** → **Asia-Pacific Regional Space Agency Forum**
- **CSSTEAP** → **Center for Space Science and Technology Education in Asia and the Pacific**
- **APSCO** → **Asia-Pacific Research Center for Space Law & Policy**



● **European Center for Space Law (ECSL)**

- Main objective:

 - to build up and spread, within Europe and elsewhere, an understanding of the legal framework relevant to space activities.

- Its aim is to provide updated information on Europe's contribution to space activities beyond Europe, and therefore to enhance the European position in the field of space law practice, teaching and publications.



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Establishment of the Asia-Pacific Research Center for Space Law & Policy could:

- coordinate activities about the regional space law teaching and research;
- promote space law exchanges and communication among the region;
- disseminate knowledge relating to space law.
- strengthen links and interactions between space law scholars;
-



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APSCO Research Center for Space Law & Policy and its Branch Centers in Member States

- ◆ APSCO Research Center for Space Law & Policy BOARD
- ◆ Branch Center in Each Member States

**APSCO
RESEARCH
CENTER FOR
SPACE LAW &
POLICY IN
HEADQUARTER**

[Empty box]

MIIT

CHINA

[Empty box]

CONIDA

PERU

IRAN

ISA

[Empty box]

THAILAND

MICT

[Empty box]

INDONESIA

LAPAN

[Empty box]

BANGLADESH

SPARRSO

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MONGOLIA

ICTPA

[Empty box]

PAKISTAN

SUPARCO

[Empty box]

TURKEY

TUBITAK

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APSCO Research Center for Space Law & Policy Board



**Director of Research Center for Space Law & Policy
+
Directors of all Branches**



Each Branch

Board of Each Branch:

**4 National Representatives
+
1 representative of APSCO RCSLP**



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Space Policy

- Geopolitical development
- Worldwide space policies and strategies
- United Nations space system
- Regional cooperation in space activities
- National space program
- Space budget
- Space industrial
- Space security



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Project Plan for APSCO's Activities

Space Policy (2011-2020)

1. Research in Space Policy and Strategies of major space player:
 - U.S, EURUP.(EURAP), Russia, China, Japan, India
2. Regional Space Cooperation
European Space Agency, NASA, Eutel Sat, INTEL Sat
3. SPACE APSCO Commercial Policy



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4. Evolution of space industry

- **Launch sector**
- **Satellite manufacturing sector**
- **Satellite operators sector**

5. Space Security Dimension



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Space Regulation

- models in the space domain for developing commercial, scientific, technology, application and regulation
- space cooperation principles



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Challenge with the Important Agenda of the UN COPUOS Legal Subcommittee

- Status and application of the five United Nations treaties on outer space.
- Information on the activities of international intergovernmental and non-governmental organizations relating to space law.



- Matters relating to:
 - (a) The definition and delimitation of outer space;
 - (b) The character and utilization of the geostationary orbit, including consideration of ways and means to ensure the rational and equitable use of the geostationary orbit without prejudice to the role of the International Telecommunication Union.
- Review and possible revision of the Principles Relevant to the Use of Nuclear Power Sources in Outer Space.



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- Examination and review of the developments concerning the draft protocol on matters specific to space assets to the Convention on International Interests in Mobile Equipment.
- Capacity – building in space law.
- General exchange of information on national mechanisms relating to space debris mitigation measures.
- General exchange of information on national legislation relevant to the peaceful exploration and use of outer space.



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Thank You!