



APRSAF
ASIA-PACIFIC REGIONAL
SPACE AGENCY FORUM

Progress Report on APRSAF's Initiatives for Enhancing Space Policy and Law Capacity in the Asia-Pacific Region

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About Asia-Pacific Regional Space Agency Forum (APRSAF)



APRSAF
ASIA-PACIFIC REGIONAL
SPACE AGENCY FORUM

History

Established in 1993, with 28 annual meetings held to date

Organizers

Japan (MEXT, JAXA) and local host country

Objectives

Promotion and expansion of space activities and space applications for socio-economic development in the region

Participants

Space agencies, governmental bodies, international organizations, universities, research institutions, private entities from over 40 countries and regions



**APRSAF-28 (2022)@Hanoi, Vietnam
organized by VAST, MEXT and JAXA**

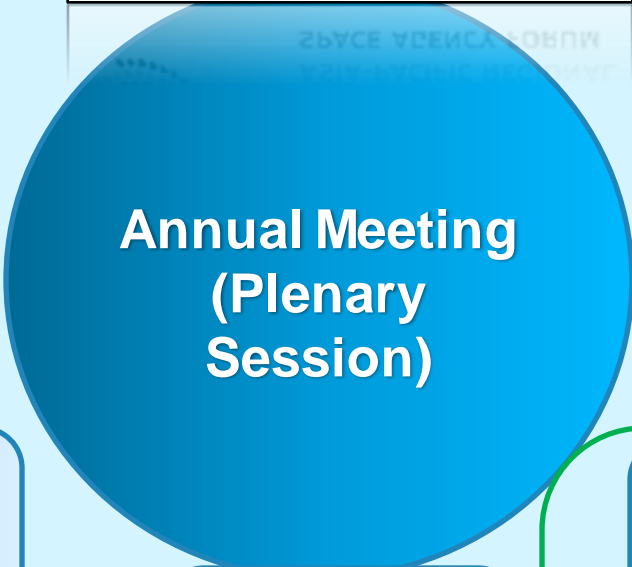
APRSAF Activities



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ARSAF Executive Committee (ExCOM)



I. Satellite Applications for Societal Benefit (SA) WG

II. Enhancement of Space Capability (SC) WG

Space Industrial Workshop (SI WS)

III. Space Education for All (SE4A) WG

V. Space Policy and Law (SPL) WG



IV. Space Frontier (SF) WG



National Space Legislation Initiative (NSLI)

- Membership:

Open to national governmental organizations in the Asia-Pacific Countries

- Two Objectives:

Promote information sharing and mutual learning on national space legislations & policies in the Asia-Pacific region



Secretariat: 

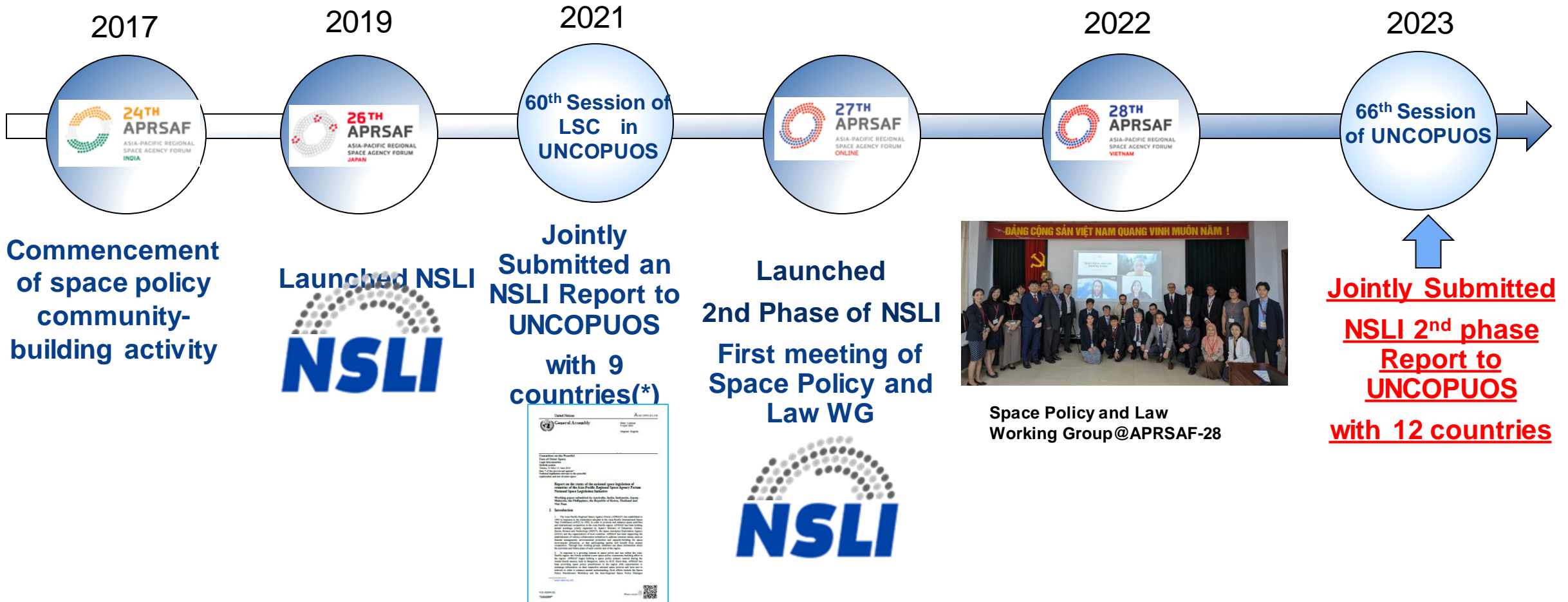
Enhance capacity to draft and implement national space legislations & policies in the Asia-Pacific countries in accordance with international norms

- Main Task:

Jointly draft a report on the status of national space legislations of NSLI members for the submission to UNCOPUOS



History of Building Space Policy and Law Community in APRSAF



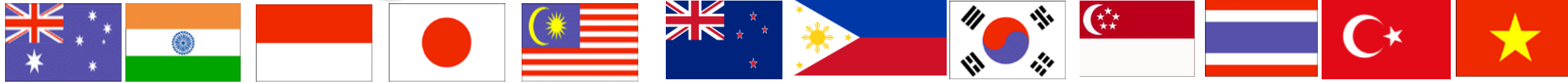
(*) <https://www.unoosa.org/oosa/documents-and-resolutions/search.jsp?view=&match=A/AC.105/C.2/L.318>

Second Phase of NSLI Study Group: Space Policy and Law Practitioners from **12** Asia-Pacific Countries



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□ 2nd phase (2021 November – 2023 September)

12 Asia-Pacific countries, consisting of approximately **50** members from **20** national governmental organizations: Australia, India, Indonesia, Japan, Malaysia, **New Zealand**, Philippines, Republic of Korea, **Singapore**, Thailand, **Turkey**, Viet Nam

□ Co-chairs(2nd phase):

Prof. Setsuko Aoki,
Professor, Keio University
Law School, Japan

Ms. Yunita Permatasari,
National Research and
Innovation Agency(BRIN),
Indonesia

□ Secretariat:





NSLI's work is based on a UNGA Resolution: "Recommendations on National Space Legislation"

Recommendations on National Legislation relevant to the Peaceful Exploration and Use of Outer Space (A/RES/68/74), 2013



Scope of
Space Activities



National
Jurisdiction



Authorization by
National
Authority



Consistency with
international
obligations



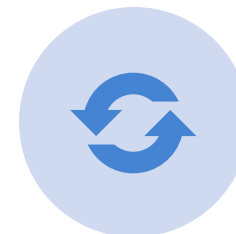
Continuing supervision
and monitoring of
authorized space activities



Registration of
launch objects



Liability of
damage



Transfer of
ownership

Question	AUSTRALIA			BRAZIL			CANADA			CHINA			INDONESIA			JAPAN			KOREA			MALAYSIA			PHILIPPINES			RUSSIA			UKRAINE			USA		
	Overview of Space Activities	Overview of Space Activities	Overview of Space Activities	Overview of Space Activities	Overview of Space Activities	Overview of Space Activities	Overview of Space Activities	Overview of Space Activities	Overview of Space Activities	Overview of Space Activities	Overview of Space Activities	Overview of Space Activities	Overview of Space Activities	Overview of Space Activities	Overview of Space Activities	Overview of Space Activities	Overview of Space Activities	Overview of Space Activities	Overview of Space Activities	Overview of Space Activities	Overview of Space Activities	Overview of Space Activities	Overview of Space Activities	Overview of Space Activities	Overview of Space Activities	Overview of Space Activities	Overview of Space Activities	Overview of Space Activities	Overview of Space Activities	Overview of Space Activities	Overview of Space Activities					
1. Does your country have any laws governing the control and management of radio wave allocation?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes			
2. Does your country have any laws governing the control and management of radio wave allocation?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
3. Does your country have any laws governing the control and management of radio wave allocation?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	

Study Group discussions and report writing based on a special questionnaire and "Information Form" completed by NSLI participating organizations

18 questions with sub-questions based on the 8 elements of UN recommendations

1. Does your country have any laws governing the control and management of radio wave allocation?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes			
2. Does your country have any laws governing the control and management of radio wave allocation?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
3. Does your country have any laws governing the control and management of radio wave allocation?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
4. Does your country have any laws governing the control and management of radio wave allocation?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5. Does your country have any laws governing the control and management of radio wave allocation?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
6. Does your country have any laws governing the control and management of radio wave allocation?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
7. Does your country have any laws governing the control and management of radio wave allocation?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
8. Does your country have any laws governing the control and management of radio wave allocation?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

NSLI 2nd phase Activities in COPUOS (1/2)

Overview of the Report submitted to the 66th Session of COPUOS (2023)

- Report was prepared by the NSLI 2nd phase Study Group, consisting of 12 NSLI participating organizations from Asia-Pacific region, covering the following topics:

Topics continuing from the 1st phase

- Overview of Space Activities
- Ratification Status regarding the International Regime
- National Legal Scheme relating to Space Activities

New topics in the 2nd phase

- National Implementation of LTS Guidelines
- Involvement of Private Entities in National Rule Making

- This submission was expected to contribute to the implementation of the United Nations Resolution, A/RES/68/74:
Recommendations on national legislation relevant to the peaceful exploration and use of outer space



The image is the first phase report.

NSLI Activities in COPUOS (2/2)



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Side Event at the 66th Session of COPUOS (June 3rd, 2023)

3rd Inter-Regional Space Policy Dialogue Between Asia-Pacific and Europe National approaches to space sustainability and implementation of LTS Guidelines

- ◆ **Date & Time:** Saturday, June 3, 2023, from 9:30 AM – 14 :00 CEST
- ◆ **Venue:** ESPI premises (Schwarzenbergplatz 6 (Entrance: Zaunergasse 1), 1030, Vienna, Austria)
- ◆ **Hosted by:** ESPI and APRSAF
- ◆ The event will have country reports and a round table discussion on national approaches to space sustainability and implementation of LTS Guidelines. Participants will also share lessons learned from the NSLI activities and discuss the existing challenges and opportunities regarding national space legislation.
- ◆ Attendance will include COPUOS delegates from the Asia –Pacific region and Europe.

<https://www.espi.or.at/events/3rd-espi-aprsaf-dialogue/>

“Accelerating Space Economies through Regional Partnership”

Date & Venue

- ❑ Dates : 19 September – 22 September 2023
- ❑ Venue : Jakarta, Indonesia
BRIN Headquarters and others



❑ Organized by

[Indonesia] National Research and Innovation Agency (BRIN)

[Japan] MEXT (Ministry of Education, Culture, Sports, Science and Technology of Japan)

JAXA (Japan Aerospace Exploration Agency)

For further updates including registration for APRSAF29, please visit APRSAF web:

<https://www.aprsaf.org/>

Conclusion and Way Forward



- ◆ **APRSAF** is the largest space forum in Asia Pacific region and promotes concrete regional/international cooperation on space activities through open and voluntary participation.
- ◆ **NSLI**, the first APRSAF initiative dedicated to space policy and law, is an effective regional model for enhancing capacities in establishing and implementing national space legislation. **NSLI second phase submitted the report with 12 courtiers to 66th the session of UN COPUOS.**
- ◆ **APRSAF-29** will be held in Jakarta, Indonesia from 19 to 22 September. Open Call for session of **Space Policy and Law working group** is now open.



The sky above Indonesia taken from the International Space Station (ISS)

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Thank you for your attention!!!