

2025
INTERNATIONAL SPACE FORUM AT MINISTERIAL LEVEL THE SOUTHEAST ASIAN CHAPTER

**ORGANIZERS:** 

**HOST:** 







7<sup>th</sup> International Space Forum at Ministerial Level
– The Southeast Asian Chapter

FINAL PROGRAMME

4 December 2025 Manila, The Philippines

Fostering Regional Synergy in Space for Shared Challenges and Sustainable Development











ANTALYA, TÜRKİYE 5-9 OCTOBER 2026







# SEE YOU AT IAC 2026 IN ANTALYA!

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**ORGANIZED BY:** 

**HOSTED BY:** 







### 2-4 JUNE 2026 KIGALI, RWANDA

The second edition of the IAF Global Space Conference on Climate Change (GLOC 2026) aims to harness the power of space-based technologies and applications in addressing the pressing challenges of climate change.

# Join us for the conference in Kigali and make an impact!

Uniting Space and Earth for Climate Resilience





- The Southeast Asian Chapter
- 4 December 2025 | Manila, The Philippines

### **Organizers:**





















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# 1 WELCOME MESSAGE FROM THE INTERNATIONAL ASTRONAUTICAL FEDERATION (IAF)

Dear ISF 2025 Participants,

On behalf of the International Astronautical Federation (IAF), it is my great pleasure to welcome you to Manila for the 7<sup>th</sup> International Space Forum at Ministerial Level – Southeast Asian Chapter. This edition, organized by the IAF with the Italian Space Agency (ASI) and hosted by the Philippine Space Agency (PhilSA), is held under the theme "Fostering Regional Synergy in Space for Shared Challenges and Sustainable Development."

As space activities demand advanced technical expertise and strong infrastructure, expanding opportunities for Southeast Asian institutions to engage in the global space community is essential. Strengthened regional participation will accelerate knowledge exchange, spur technological development, and enable tailored space-based solutions that directly address local needs.

ISF 2025 will bring together Ministers and high-level authorities to explore pathways for joint initiatives, greater scientific and academic involvement, and increased private-sector engagement. This Forum provides a unique platform for concrete, coordinated action to enhance regional capabilities and improve the lives of communities across Southeast Asia.

Discussions will focus on three key themes: building regional space capabilities and infrastructure through shared missions and coordinated technology development; expanding Earth observation and connectivity services to address regional challenges such as disasters, agriculture, maritime security, environmental monitoring, and infrastructure management; and advancing cooperation, policy harmonization, education, and R&D to support a sustainable and resilient regional space ecosystem.

These high-level dialogues will underscore the importance of collective investment, shared vision, and long-term partnerships in shaping the region's space future.

We are confident that you will find the programme enriching and impactful, each contribution helping to build a better, more connected future for all.

Enjoy your time in Manila and at this remarkable event.



**Gabriella ARRIGO** 

President
International Astronautical Federation (IAF)









# WELCOME MESSAGE FROM THE ITALIAN SPACE AGENCY (ASI)

On behalf of the Italian Space Agency, I would like to express our sincere appreciation to the International Astronautical Federation for the extraordinary dedication they bring every year in making this Forum a success — continuously elevating its quality and impact. Our gratitude also goes to PhilSA for accepting the challenge of hosting this edition in their region and for sharing with us the mission and spirit that animate this initiative.

Past editions of the ISF have clearly demonstrated the value of this dialogue. Both the African Space Agency (AfSA) and the Latin American and Caribbean Space Agency (ALCE) found inspiration in the cooperative spirit that emerged from the Forum, showing how international engagement can help regions consolidate their role in the global space community.

The Italian Space Agency strongly believes in this vision. Our national space programme has grown through international partnerships, and we remain committed to supporting capacity building and cooperation with emerging and developing countries. Through instruments of space diplomacy such as the International Space Forum, Italy aims to foster dialogue and collaboration — using space as a platform for partnership, mutual understanding, and shared growth.

We hope that the Manila Forum will open a new chapter for regional cooperation in Southeast Asia, enabling countries to share experiences, identify common priorities, and explore new opportunities for collaboration in space. Let me conclude by sincerely thanking you for your participation and for your support to this initiative.

Your engagement is essential to the success of the Manila International Space Forum.



**Teodoro VALENTE** 

President
Italian Space Agency (ASI)





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### **WELCOME MESSAGE FROM SENATOR BAM AQUINO**

Distinguished ministers, heads of space agencies, ambassadors, and esteemed delegates:

Welcome to Manila for the International Space Forum at Ministerial Level 2025. As principal author of the Philippine Space Act, I am honored that the Philippines hosts this vital dialogue on international space cooperation and governance.

The Philippine Space Act of 2019 established our nation's commitment to space development as a driver of economic growth, disaster resilience, and scientific advancement. This legislation created the Philippine Space Agency and positioned the Philippines as an active participant in the global space community. Hosting this forum demonstrates how far we have come in building our space capabilities and deepening our international partnerships.

Space technology serves critical national needs for an archipelagic nation. Satellite systems support disaster monitoring, climate observation, maritime security, and connectivity across our islands. These applications deliver tangible benefits to our people while contributing to regional stability and sustainable development.

The Committee on Science and Technology recognizes that space activities require robust international cooperation and clear governance frameworks. As space becomes more congested and competitive, multilateral dialogue and coordinated policy responses are essential. This forum provides the platform for addressing challenges in orbital sustainability, equitable access, and responsible conduct in space.

I commend the International Astronautical Federation and the Italian Space Agency for bringing this ministerial level gathering to Southeast Asia. Your deliberations will shape policies and partnerships that define the future of space exploration and utilization.

May this forum strengthen international collaboration and ensure that space remains a domain of peace and shared prosperity for all nations.

Mabuhay and welcome to the Philippines!



### **SENATOR BAM AQUINO**

Chairperson,
Committee on Science and Technology and Basic Education,
Senate of the Philippines









# WELCOME MESSAGE FROM THE PHILIPPINE SPACE AGENCY (PHILSA)

It is my distinct honor to welcome all Ministers, Heads of Space Agencies, senior officials, scientists, professors, and esteemed delegates to the 7<sup>th</sup> International Space Forum (ISF) at Ministerial Level – Southeast Asian Chapter here in Manila.

The Philippine Space Agency (PhilSA) is privileged to host this year's Forum and co-organize it together with the International Astronautical Federation (IAF) and the Italian Space Agency (ASI). We are grateful for their trust in partnering with us to bring this important global initiative to Southeast Asia. We likewise thank the governments and institutions represented here today for their commitment to advancing constructive dialogue and cooperation in space.

Since its inception in 2016, the ISF has served as an invaluable platform for Ministers and high-level authorities to align perspectives, strengthen partnerships, and highlight regional priorities in space.

Across Southeast Asia, we are witnessing rapid economic growth, expanding scientific capabilities, and growing recognition of space as a strategic enabler of sustainable development, climate resilience, connectivity, and economic opportunities. However, while we recognize that space is vital, addressing our region's challenges requires more than its technological advancement alone.

We hope the discussions today will spark new collaborations, reinforce existing partnerships, and inspire joint initiatives that expand the benefits of space to more communities across our region. This Forum invites us to come together—looking up, looking down, and looking around – to collectively define how space can empower and pave the way for a vibrant and inclusive regional space ecosystem. Relevance comes from working together – collaboration across borders and disciplines drives complex and meaningful missions.

The "Manila Page" we will produce at the conclusion of this Forum will reflect our shared aspirations and commitments, adding a new chapter to the growing collection of regional reports from previous ISF editions.

On behalf of PhilSA, I extend my most profound appreciation to all delegations and participants, our international partners, and the local organizers for their dedication to bringing ISF 2025 to fruition. Your presence signifies both leadership and solidarity in ensuring that space remains a driving force for peace, sustainability, and prosperity.

May our time in Manila be productive, engaging, and meaningful.

Welcome, and I wish everyone a successful International Space Forum.



**GAY JANE P. PEREZ** 

Officer-in-Charge,
Deputy Director General for Space Science and Technology,
Philippine Space Agency (PhilSA)





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### 2 ORGANIZERS INFORMATION

### 2.1 The International Astronautical Federation (IAF)

Founded in 1951 to foster dialogue between scientists around the world and support international cooperation in all spacerelated activities, the International Astronautical Federation is the world's leading space advocacy body with over **604 members**, including all key space agencies, companies, societies, associations and institutes across 82 countries.

**Over 40 administrative and technical committees** support the Federation in its mission to advance knowledge about space and to foster the development of space assets by facilitating global cooperation.

Following its motto "Connecting @Il Space People for a Sustainable Future" and its theme "A space-faring world cooperating for the benefit of humanity", the Federation advances knowledge about space and fosters the development and application of space assets by advancing global cooperation.

As the organiser of the annual International Astronautical Congress (IAC), and other meetings on specific space-related topics the IAF actively encourages the development of astronautics for peaceful purposes and supports the dissemination of scientific and technical information related to space.

#### THE IAF'S MISSIONS

- **Promoting cooperation:** The IAF's International Astronautical Congress and various IAF committees provide unique collaborative platforms for experts from space agencies, industry and research
- Advancing international development: The IAF is building a future of cooperation, development and international friendship, bringing together experts from experienced and emerging space nations alike
- Sharing knowledge: The Federation has many well-established channels to disseminate information within its global network and the wider space community
- Recognising achievements: The Federation's prestigious awards are presented annually to individuals and groups who have distinguished themselves in the global space community
- **Preparing the workforce of tomorrow:** To nurture new talent, the Federation has many activities targeting students and young professionals
- Raising awareness: The global network of the IAF, and IAF publications, help promote the public appreciation of space activities worldwide

#### International Astronautical Federation (IAF)

100 Avenue de Suffren 75015 Paris France

Phone: +33 1 45 67 42 60
Email: info@iafastro.org
Website: www.iafastro.org



Be part of the conversation @iafastro

























### 2.2 The Italian Space Agency (ASI)

The Italian Space Agency (ASI), founded in 1988, is Italy's national institution responsible for developing, coordinating, and implementing the country's space policy. With a long-term vision rooted in innovation, sustainability, and international cooperation, ASI strengthens Italy's position as a leading global space actor.

ASI drives national excellence across Earth observation, space exploration, scientific research, telecommunications, and satellite navigation. Its programs generate tangible benefits for society, the environment, and the national economy, while promoting sustainable and responsible uses of outer space.

As a founding member and major contributor of the European Space Agency, ASI plays a key role in shaping Europe's space ecosystem. The Agency supports the entire value chain—from mission design and satellite development to operations, data exploitation, and downstream services.

ASI empowers Italy's high-tech industrial base, fostering competitiveness, technological growth, and advanced research partnerships. It supports the expansion of the national space economy by enabling startups and innovative SMEs. Through strong ties with universities and research centers, ASI promotes education, talent development, and technology transfer.

International cooperation is a cornerstone of ASI's strategy, with partnerships involving leading space agencies worldwide. The Agency is engaged in major initiatives in lunar exploration, robotic missions, and cutting-edge scientific projects.

ASI's operational assets include the Luigi Broglio Space Center in Malindi, Kenya – a historic and strategic site for satellite tracking and space operations. Additional facilities across Italy support geodesy, mission control, and advanced technological testing.

Through its programmes, partnerships, and infrastructure, ASI aims to ensure Italy's effective contribution to scientific research, space exploration, and the development of advanced space technologies.

### Italian Space Agency (ASI)

Via del Politecnico 00133 Roma Italy

Phone: +39 06 8567 237
Fax: +39 06 8567 322
Email: urp@asi.it
Website: www.asi.it/en







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### 3 HOST INFORMATION

### 3.1 The Philippine Space Agency (PhilSA)

PhilSA, an attached agency under the Office of the President of the Republic of the Philippines, is the central government agency addressing all national issues and activities related to space science and technology applications (SSTA).

The Philippine Space Act, Republic Act No. (RA) 11363, creates and mandates PhilSA to be the primary policy, planning, coordinating, implementing, and administrative entity of the government that will plan, develop, and promote the national space program in line with the Philippine Space Policy.

The Space Data Value Chain serves as PhilSA's strategic framework. It helps assess strengths, identify gaps to be addressed, and ensure every link in the chain contributes to delivering socio-economic value.

This includes strengthening upstream capacity, improving the accessibility and suitability of satellite data services, and investing in the ground infrastructure needed to receive, process, and distribute data. It also requires building the capacity to generate usable insights that can support policies and concrete actions, as well as enhancing the ability to mobilize and act on these insights by getting them into the hands of decision-makers, responders, and communities.

Importantly, this value chain is sustained through international cooperation, education, outreach, and capacity building. Together, these elements power PhilSA's efforts to build a resilient and inclusive space ecosystem, our *Yamang Kalawakan*, that creates value from space for and from Filipinos, and for the world.

PhilSA organizes its work across the six Key Development Areas (KDAs) stipulated in the Philippine Space Policy:

**National Security and Development** – Uses satellite data and space-based services to support maritime domain awareness, resource management, and planning for inclusive national development.

**Hazard Management and Climate Studies** – Applies Earth observation and geospatial tools for flood and landslide mapping, ground motion and air quality monitoring, and climate resilience planning and DRRM.

**Space Research and Development (R&D)** – Advances satellite missions such as Diwata, Maya, and MULA, and supports research and development with universities, government agencies, and industry partners.

**Space Industry and Capacity Building** – Helps grow a domestic space industry through technology transfer, test facilities, and opportunities for local companies in satellites, ground systems, and data services.

**Space Education and Awareness** – Builds a pool of scientists, engineers, and communicators through scholarships, internships, national campaigns such as Philippine Space Week, and outreach to schools and communities.

**International Cooperation** – Represents the Philippines in the Association of Southeast Asian Nations (ASEAN) and the global space community, builds strategic partnerships, and promotes the peaceful and sustainable use of outer space.

### Philippine Space Agency (PhilSA)

29<sup>th</sup> Floor Cyber One Building, 11 Eastwood Avenue, Bagumbayan 1800 Quezon City Philippines

Phone: +63 63285689931
Email: odg@philsa.gov.ph
Website: philsa.gov.ph/











### 4 FORUM GENERAL INFO

#### **INTRODUCTION**

The International Space Forum (ISF) at Ministerial level – The Southeast Asian Chapter – is the 7<sup>th</sup> edition of the international initiative launched in 2016 by the International Astronautical Federation (IAF) jointly with the Italian Space Agency (ASI).

Each year organized in collaboration with a local partner, the ISF is now a well-established joint ASI-IAF initiative that is travelling around the world to address different regions each time and promote a greater involvement of the local community in space activities and programs, with the ultimate goal of finding better and local space solutions to global challenges.

The first edition was held in **Trento**, Italy, on 24 October 2016, and resulted in the adoption of the Trento Space Statement. Then followed the regional "Chapters": **The African Chapter** (2017), hosted by the Kenyan Space Agency in Nairobi, Kenya; The **Latin America Chapter** (2018), hosted by CONAE Buenos Aires, Argentina; **The Mediterranean Chapter** (2019), hosted by the Mediterranea University in Reggio Calabria, Italy; **The Central America and the Caribbean Chapter**, hosted by the Technological University of Panama in Panama City (2023) and the **Gulf Chapter**, hosted by the Bahrain Space Agency (BSA) - former National Space Science Agency (NSSA) in Manama, Kingdom of Bahrain (2024).

This year - the Southeast Asian Chapter offered a renewed platform for open and productive dialogue.

For more information, please visit the IAF website:

https://www.iafastro.org/events/international-space-forum-at-ministerial-level-isf/

The International Space Forum 2025 is organized by International Astronautical Federation (IAF), the Italian Space Agency (ASI), and hosted by the Philippine Space Agency (PhilSA), with the relevant support of the local Authorities of Philippines. It is addressed to Ministers and Authorities in charge of space activities, as well as to Heads of Space Agencies and representatives of Academia and Research community in the Southeast Asia region. Space agencies of the rest of the world and relevant intergovernmental and non-governmental organizations are also invited as observers.

### **FORUM OBJECTIVES**

Space activities require a high level of technical and scientific knowledge, both in terms of capacity building and infrastructures. The opportunity for local players and institutions of the Southeast Asia region to play a role in space activities and to connect with the "international space network" may be highly beneficial. This is expected to increase the flow of space knowledge and Technological development, as well as the chances to find space solutions to better respond to the needs of the region.

The International Space Forum 2025 in Manila will stimulate focused discussions between Ministers and Authorities of the Southeast Asia region on the opportunity to take common actions and launch joint initiatives to increase the participation of their scientific and academic institutions, as well as the private players in space activities, to contribute to meet the needs of the local communities and develop their capacities and abilities.

### FORUM PROGRAM AND CONTENT

The Forum will address three main topics, which will be presented by three keynote speakers:

- Looking Up Together: Developing Space Capabilities and Infrastructure Building regional space infrastructure and capabilities through collaborative missions and coordinated space technology development plays a central role in addressing critical infrastructure needs.
- Looking Down Together: Value Chains for Regional Space Downstream Services and Solutions Developing integrated Earth observation services and connectivity solutions is vital to address common regional challenges including disaster management, agricultural monitoring, maritime security, environmental protection, and infrastructure development monitoring across the diverse Southeast Asian landscape, with special attention to archipelagic and coastal nation needs.





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• Looking Around: Enabling the Space Value Chain through Cooperation, Education, Policy, and R&D - Strengthening regional cooperation frameworks, harmonizing space policies, enhancing educational exchange programs, and fostering research and development partnerships all contribute significantly to building a sustainable space ecosystem.

Each Head of delegation may make a 7-minutes statement. We suggest concentrating on one or more of the three topics described above, by presenting the point of view of the country/organization.

Delegations that wish to make a statement are kindly requested to send the information to the following addresses: <a href="mailto:spaceforum@iafastro.org">spaceforum@iafastro.org</a>, <a href="mailto:alessandra.vernile@asi.it;">alessandra.vernile@asi.it;</a> <a href="mailto:isf2025@philsa.gov.ph">isf2025@philsa.gov.ph</a>

At the end of the Forum, delegations will endorse the **Southeast Asian Page** to be added to the previous pages as such as the Nairobi Page, the Buenos Aires Page, the Reggio Calabria Page, the Panama Page and the Manama Page.

For more information, you may refer to this QR code:













### **5 FORUM PROGRAMME**

### Wednesday 3 December 2025

Free arrival of Delegations in Manila, Philippines

19:30 - 21:00

Welcome reception

The Italian Residence, Dasmariñas Village, Makati City 1221

### **Thursday 4 December 2025**

08:30 - 09:30	Accreditation of Delegations Shangri-La Fort, 30 <sup>th</sup> Street corner 5 <sup>th</sup> Avenue, Bonifacio Global City, Taguig City, Metro Manila
09:30 – 09:35	International Space Forum (ISF) Opening Ceremony  Master of Ceremony: Christian Feichtinger, Executive Director, International Astronautical Federation (IAF)  National Anthem of the Philippines
09:35 – 09:55	<ul> <li>Welcome Remarks</li> <li>Gay Jane Perez, Officer-in-Charge, Philippine Space Agency (PhilSA)</li> <li>Teodoro Valente, President, Italian Space Agency (ASI) (pre-recorded video message)</li> <li>Gabriella Arrigo, President, IAF</li> </ul>
09:55 – 10:00	ISF 2025 Welcome Video
10:00 – 10:10	<ul> <li>Opening Message</li> <li>Leo Herrera Lim, Undersecretary for Policy, Department of Foreign Affairs (DFA), Republic of the Philippines</li> </ul>
10: 10 – 10:35	Group Photo Heads of Delegations and Heads of Space Agencies
10: 35 – 10:50	Break





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#### 10:50 – 11:10 Keynote Speeches: "Looking Up Together: Developing Space Capabilities and Infrastructure"

- **Marc Caesar Talampas**, Director Space Technology Missions and Systems, Philippine Space Agency (PhilSA), Philippines
- **Emine Doğrukök,** Advisor to the Minister, Ministry of Industry and Technology, Director of IAC 2026, Republic of Türkiye

### 11:10 – 12:00 Statements by ASEAN Countries' Representatives

12:00	- 13:00	Lunch
12.00	13.00	Luiicii

### 13:00 – 13:20 Keynote Speeches: "Looking Down Together: Value Chains for Regional Space Downstream Services and Solutions"

- Jonathan Hung, Executive Director, Office for Space Technology and Industry (OSTIn), Singapore
- Rolando Toledo, Officer-in-Charge Secretary, Department of Budget and Management, Philippines

#### 13:20 – 15:00 Statements by Heads of Space Agencies and International Organizations

#### **15:00 – 15:30** *Break*

### 15:30 – 15:50 Keynote Speeches: "Looking Around: Enabling the Space Value Chain through Cooperation, Education, Policy, and R&D"

- Joel Joseph Marciano Jr., Vice President for Research and Innovation, University of the Philippines System and PhilSA Founding Director General
- Maria Chiara Noto, Head of the International Cooperation and Space Diplomacy Office, ASI

### 15:50-16:05 Endorsement of "The Manila Page"

To be added to the Trento Space Statement, The Nairobi Page, The Buenos Aires Page, the Reggio Calabria Page, the Panama City Page and the Manama Page

### 16:05-16:15 Conclusions

- Denis Villorente, Deputy Director General, PhilSA
- Christian Feichtinger, Executive Director, International Astronautical Federation (IAF)

#### **Gala Dinner**

**18:30 – 21:00** Shangri-La Fort, 30<sup>th</sup> Street corner 5<sup>th</sup> Avenue, Bonifacio Global City, Taguig City, Metro Manila









### Friday 5 December 2025

### **Cultural Visit**

08:45 Pick up

Shangri-La Fort, 30th Street corner 5th Avenue, Bonifacio Global City, Taguig City, Metro Manila

**08:45 – 9:30** Shangri-La Fort hotel to National Museum

9:30 – 11:30 National Museum Tour

P. Burgos Drive, Rizal Park, Manila



The National Museum of the Philippines is the country's premier cultural institution, established in 1887 as an educational, scientific, and cultural repository. The museum complex preserves and showcases the rich heritage of Filipino culture, history, and natural diversity through three interconnected buildings in Rizal Park, Manila.

11:30 – 12:15 Hotel transfer

National Museum to Shangri-La Fort hotel





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## 6 LIST OF PARTICIPATING COUNTRIES AND INTERNATIONAL ORGANIZATIONS

### **COUNTRIES**



**BRUNEI DARUSSALAM** 



CAMBODIA



**INDONESIA** 



LAO PEOPLE'S DEMOCRATIC REPUBLIC



MALAYSIA



**MYANMAR** 



PHILIPPINES



**SINGAPORE** 



**THAILAND** 



TIMOR-LESTE



TUNISIA



TÜRKIYE



**VIETNAM** 

### **INTERNATIONAL ORGANIZATIONS & SPACE AGENCIES**

ASEAN Academy of Engineering and Technology (AAET)



International Institute for the Unification of Private Law (UNIDROIT)



Geo-Informatics and Space Technology Development Agency (GISTDA)



Italian Space Agency (ASI)



International Astronautical Federation (IAF)



Maldives Space Research Organisation (MSRO)



Office for Space Technology and Industry (OSTIn)



UN Sustainable Development Solutions Network (SDSN)



Philippine Space Agency (PhilSA)



United Nations Office for Outer Space Affairs (UNOOSA)











### **OBSERVERS**

Adamson University



Mariano Marcos State University



Ateneo de Davao University



National Mapping and Resource Information Authority (NAMRIA)



Bangko Sentral ng Pilipinas



National Maritime Center



Cebu Technological University



National Intelligence Coordinating Agency of the Philippines (NICA)



De La Salle University



Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA)





Philippine Coast Guard



Department of Human Settlements and Urban Development (DHSUD)

Department of Science and



Philippine Institute of Volcanology and Seismology (PHIVOLCS)



**Embassy of Argentina in Manila** 

Technology (DOST) - Advanced

Science and Technology Institute



Philippine Technological Council



Embassy of Brazil in Manila



Rizal Technological University



Embassy of Hungary in Manila



Semiconductor and Electronics Industries in the Philippines Foundation Inc.



Embassy of India in Manilas



The Italian Export Credit Agency (SACE)



Embassy of Ukraine in Manila



University of Perpetual Help System Dalta - Las Piñas



**FEATI University** 



University of San Carlos



Indiana Aerospace University



University of Southern Mindanao



LEONARDO SpA



University of the Philippines Diliman



Mapua University



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### 7 THE MANILA PAGE (to be added to the Trento Space Statement)

### 7<sup>th</sup> International Space Forum at Ministerial Level - The Southeast Asian Chapter

"Fostering Regional Synergy in Space for Shared Challenges and Sustainable Development"

On December 4<sup>th</sup>, 2025, the Ministers of Science, Technology and Innovation, Space Authorities, and other governmental representatives from the Southeast Asian countries- as well as representatives and experts from national and international space agencies and organizations- gathered in Manila (Philippines) under the auspices of the International Astronautical Federation (IAF), the Italian Space Agency (ASI), and the Philippine Space Agency (PhilSA), for the **7<sup>th</sup> International Space Forum - The Southeast Asia Chapter (ISF 2025)**.

Following the first International Space Forum in Trento (Italy) in 2016 and the subsequent regional Chapters focusing on Africa (Nairobi, 2017), Latin America and the Caribbean (Buenos Aires, 2018), Mediterranean region (Reggio Calabria, 2019), Central America and the Caribbean (Panama City, 2023), and the Gulf region (Manama, 2024), the Southeast Asia Chapter offered a renewed platform for open and productive dialogue. Discussions focused on strengthening regional space cooperation to address shared challenges and promote sustainable development in one of the world's most dynamic and rapidly evolving regions. Ministers, delegates, and experts exchanged views, shared experiences and visions, and delivered statements that highlighted several key insights:

- **The Southeast Asian region**, positioned at the crossroads of major powers and global trade routes, faces unique strategic challenges that demand space-based solutions for economic diversification beyond traditional dependencies and for supply chain monitoring.
- **Space technologies and related applications** are essential tools for addressing the unique challenges faced by Southeast Asian countries, particularly natural disasters, climate change, maritime security, infrastructure shortages, and sustainable development in the region's distinctive coastal and archipelagic environments, where traditional solutions are constrained by geography.
- **Space activities** require advanced scientific and technical knowledge, as well as a multidisciplinary approach that leverages the diverse expertise across the region while addressing different levels of technological development and regulatory frameworks among participating nations.
- **Academia, Universities, and Research Centers** are invaluable sources of knowledge and human capital, widely distributed throughout Southeast Asia and characterized by strong traditions of regional cooperation, though requiring enhanced coordination to bridge development gaps and maximize collective capabilities.
- **Enhanced cooperation** among Southeast Asian countries and with international partners would multiply the benefits of space technology for sustainable development, regional stability, environmental concerns, and economic resilience in the face of global competition, also in the framework of existing cooperative platforms, such as the pivotal Association of Southeast Asian Nations (ASEAN).

Three keynote speeches, structured under the integrated vision of Looking Up, Looking Down, and Looking Around, guided the discussions:

- Looking Up Together: Developing Space Capabilities and Infrastructure Building regional space infrastructure and capabilities through collaborative missions and coordinated space technology development is central to addressing critical infrastructure needs.
- Looking Down Together: Value Chains for Regional Space Downstream Services and Solutions Developing integrated
   Earth observation services and connectivity solutions is vital to address common regional challenges, including disaster









management, agricultural monitoring, maritime security, environmental protection, and infrastructure development monitoring across the diverse Southeast Asian landscape, with special attention to archipelagic and coastal nation needs.

• Looking Around: Enabling the Space Value Chain through Cooperation, Education, Policy, and R&D - Strengthening regional cooperation frameworks, harmonizing space policies, enhancing educational exchange programs, and fostering research and development partnerships all contribute significantly to building a sustainable space ecosystem.

#### Delegates noted that:

- The region's geographical diversity and varying levels of infrastructure development offer both opportunities and challenges, necessitating tailored approaches to technology transfer, data access, and capacity building. Southeast Asia is highly vulnerable to natural disasters, significant climate variability, and environmental challenges, all of which are exacerbated by dense populations and rapid urbanization. Coordinated space-based monitoring and early warning systems are vital to protect vulnerable communities and critical infrastructures.
- The region hosts both emerging and established space actors, opening opportunities for knowledge transfer, capacity building, and joint initiatives that can leverage comparative advantages while reducing disparities.
- The strategic importance of the maritime domain across Southeast Asia underscores the need for space-based solutions in navigation, communications, surveillance, and dispute monitoring.
- ASEAN and related regional mechanisms provide a strong foundation for enhancing space cooperation and coordination, though they require further reinforcement to address evolving governance needs and ensure adequate transparency and accountability.

Authorities, Heads of space agencies, and delegates welcomed the 7<sup>th</sup> International Space Forum - The Southeast Asia Chapter - and identified the following points as the main objectives to be pursued in the short to medium term:

- > **Promotion of shared space infrastructures**, including satellite projects, regional ground station networks, and data sharing platforms, to maximize coverage and cost-effectiveness across the region, with particular attention to bridging infrastructure gaps and providing resilient communication capabilities for the most vulnerable areas;
- > **Development of regional space downstream services** focusing on disaster management, agricultural monitoring, maritime security, environmental protection, climate change adaptation, and critical infrastructure monitoring tailored to Southeast Asian needs, with emphasis on supporting economic diversification, entrepreneurship stimulus, and supply chain resilience;
- > Strengthening of space education and capacity building programs through university partnerships, student exchange programs, and joint research initiatives to develop the next generation of space professionals in the region while addressing skill gaps and promoting scientific excellence across all participating nations;
- **Harmonization of space policies and regulations** to facilitate cross-border space activities, data sharing, and joint missions while respecting national sovereignty, with emphasis on promoting transparency, accountability, and good governance practices in space activities;
- **Enhanced regional space cooperation** among Southeast Asian countries within the ASEAN framework and with Pacific partners, to facilitate technology transfer, capacity building, and joint mission development while addressing varying levels of space development and regulatory frameworks across the region;
- > Promotion of peaceful, responsible, and sustainable use of outer space for the benefit of current and future generations, contributing to the achievement of the UN Sustainable Development Goals and regional prosperity;

The Southeast Asian delegations, recognizing both the unique challenges and opportunities facing the region in an era of global competition and economic transformation, expressed their firm commitment to pursue the objectives set forth during this 7<sup>th</sup> edition of the International Space Forum 2025. They also committed to enhancing the participation of local institutions, universities, scientific communities, and private-sector actors, and to further expanding dialogue on space capabilities and technology for socio-economic development, regional resilience, and peaceful cooperation in outer space.





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### 8 KEYNOTE SPEECHES ABSTRACTS

Keynote Speeches on Looking Up Together: Developing Space Capabilities and Infrastructures

**Marc Caesar Talampas**, Director - Space Technology Missions and Systems, Philippine Space Agency (PhilSA), Philippines

Southeast Asia faces interconnected pressures—from rising climate risks and complex maritime environments to increasing congestion in orbit—that require coordinated and interoperable space capabilities. The keynote highlights how the Philippines has advanced its upstream space capabilities through sustained national investment complemented by well-designed international cooperation. Early collaboration with Japanese academic institutions and JAXA provided the foundational experience that enabled Filipino engineers to build domestic satellite development and operations capabilities.



More recent partnerships in the United Kingdom, across Europe, and throughout Asia have strengthened industrial satellite development skills, enhanced Earth observation data processing, and expanded environmental monitoring efforts.

These national experiences illustrate a broader regional trajectory, where shared challenges create strong incentives for cooperation. ASEAN mechanisms such as the Committee on Science, Technology and Innovation (COSTI) and the Subcommittee on Space, Meteorology, and Ocean Systems provide platforms for aligning national initiatives, including ongoing work on space situational awareness and space traffic management. Multi-partner regional efforts, such as SCOPE Digital, demonstrate how national programmes can scale into shared regional services.

With the Philippines preparing to assume the ASEAN Chairship in 2026, the keynote calls attention to the opportunity to link national capabilities more coherently across the region and to consider practical pathways toward a resilient, collaborative space infrastructure for Southeast Asia.

### Bio

Dr. Marc Caesar R. Talampas is the Director of the Space Technology Missions and Systems Bureau (STMSB) of the Philippine Space Agency (PhilSA). The STMSB directs and undertakes the design, implementation, testing, and integration of technologies for satellites, spacecraft, and other space systems that cascade to and enable the implementation of successful space science missions and space-enabled operational services.

Dr. Talampas obtained his BS Electronics and Communications Engineering and MS Electrical Engineering (Instrumentation and Control) degrees from the University of the Philippines, and his Ph.D. degree in Electrical and Electronic Engineering from the Nanyang Technological University in Singapore. His research interests include localization and tracking in wireless networks, sensor network applications, and satellite and space technology.

Prior to joining PhilSA, he served as the project leader of "Project 1: Microsatellite Bus Development (BUS)" project of the "Development of Philippine Earth Observation Microsatellite (PHL-MICROSAT)" program funded by the Department of Science and Technology. He also led the "Building PHL-50: Localizing the Diwata-1 and Diwata-2 Bus System as the Country's Space Heritage 50kg Microsatellite" project under the STAMINA4Space program.









### **Emine Doğrukök**, Advisor to the Minister, Ministry of Industry and Technology, Director of IAC 2026, Republic of Türkiye

This high-level keynote presents Türkiye's strategic vision for advancing the global space ecosystem through strengthened cooperation, investment in human capital, forward-looking policy frameworks, and accelerated research and technological development. As Türkiye's space sector rapidly expands, the country emphasizes a collaboration-centered approach, actively engaging in regional and international platforms to support joint missions, shared satellite infrastructures, and data-driven applications that enhance resilience and innovation across the space value chain.



Human capital development stands at the core of Türkiye's strategy. With the youngest population in Europe, Türkiye prioritizes empowering youth, fostering university–industry partnerships, and promoting women's leadership in space sciences. National initiatives such as TEKNOFEST have created a dynamic innovation environment, cultivating technical talent capable of contributing to global space endeavors.

Türkiye's policy direction, anchored in its National Space Program, focuses on space sustainability, traffic management, data governance, and enabling commercial space activities. These frameworks aim to harmonize regulations, support responsible operations, and ensure long-term sectoral growth. Recent national achievements - including the IMECE Earth observation satellite, the indigenous TÜRKSAT 6A communications satellite, the first Astronaut and Science Mission, progress on the AYAP lunar exploration program, and plans for a national spaceport - demonstrate Türkiye's increasing technological maturity and readiness for deeper international cooperation.

Türkiye sees significant potential for joint efforts in Earth observation, Al-based analytics, disaster management, climate monitoring, agriculture, and the development of next-generation satellite subsystems. Looking to the future, Türkiye will host the International Astronautical Congress (IAC 2026) in Antalya under the theme "The World Needs More Space," inviting the global community to collectively advance innovation, sustainability, diversity, and unity in space activities.

Through this keynote, Türkiye reaffirms its commitment to peaceful, inclusive, and sustainable space development, and calls for enhanced regional and global partnerships to strengthen the shared future of humanity in space.

### Bio

Emine Doğrukök graduated from Boğaziçi University, Department of Political Science and International Relations, in 2013. Following her graduation, she began working as a specialist at Turkish Airlines Technic Inc., in the Strategy Planning and Projects Department, in 2013. In 2015, she started working as a specialist at the Ankara Development Agency. Between 2018 and 2020, she received language training in the United States and took courses in social development at Indiana University in 2019. Within the Agency, she worked in the Program Management Unit, Investment Support Office, and Social Development Unit, and in 2022, she was appointed Head of the Social Development Unit.

On August 16, 2023, she was appointed Secretary General of the Ankara Development Agency. In 2024, she began working as an Advisor to the Minister of Industry and Technology and is currently overseeing the Secretariat process for the IAC 2026. DOĞRUKÖK is married and the mother of two children.



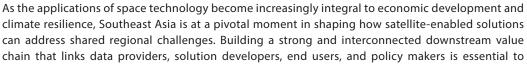


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### Keynote Speeches on Looking Down Together: Mobilizing Space-enabled Services and Solutions

### **Jonathan Hung**, Executive Director, Office for Space Technology and Industry (OSTIn), Singapore





ensuring that space-based capabilities translate into meaningful societal benefits. Singapore, as an emerging spacefaring nation, is contributing to this global effort by fostering cooperation and enabling greater access to space-derived services.

A flagship initiative in this endeavour is Singapore's Earth Observation Initiative (EOI), designed to strengthen the regional uptake of satellite data and analytics. The EOI aims to connect countries and communities facing urgent challenges from climate change, natural hazards, and environmental degradation, with solution partners from national space agencies, private sector, and researchers. By aggregating needs, improving discoverability of services, and facilitating collaboration, the EOI supports the wider development of a sustainable and commercially viable downstream ecosystem.

Singapore's approach reflects its broader commitment to leveraging space for public good, strengthening resilience, and ensuring that emerging technologies are accessible and beneficial across Southeast Asia. Through the EOI, Singapore seeks to catalyse partnerships, stimulate innovation, and support a thriving value chain that enhances sustainable development outcomes for all.

#### Bio

Mr. Hung is the Executive Director at the Office for Space Technology & Industry (OSTIn), Singapore's National Space Office.

OSTIn's mission is to lead and inspire Singapore in Space. It shapes space policies and international partnerships, grows a globally competitive space ecosystem and supports research and development of space capabilities.

Mr. Hung's international work experience includes senior management roles with CAE Inc., Rheinmetall, ST Engineering and Flex, where he's credited for establishing and leading their successful Advanced Innovation Centre. He also co-founded Singapore's Space Trade organisation.

Earlier in his career, Mr. Hung was in government service as Centre Director for Middle East & North Africa Operations at the Singapore Economic Development Board (EDB).

Mr. Hung currently serves on the Board of the World Robot Olympiad Association, chairs the Asia Pacific Sub-Committee at the International Astronautical Federation, and is an Honorary Board Member at the Space Generation Advisory Council. Prior to his appointment with the National Space Office, he had served board tenures on various successful SpaceTech startups and provided expert advisory services to emerging space economies.









### **Rolando Toledo**, Officer-in-Charge Secretary, Department of Budget and Management, Philippines

This keynote address explores the strategic necessity of developing integrated Earth Observation (EO) services and robust connectivity solutions to build resilience and foster inclusive governance across Southeast Asia. While the region is marked by immense diversity, it faces shared and existential vulnerabilities—from severe climate-induced disasters (such as typhoons and floods) and maritime



insecurity to critical infrastructure gaps. Space-based solutions offer an unparalleled capacity to see the invisible, anticipate the unpredictable, and enable foresightful, precise action.

The presentation highlights how the Philippine Department of Budget and Management (DBM) has institutionalized this potential through its flagship Digital Information for Monitoring and Evaluation (DIME) Initiative. DIME is a key governance reform that systematically integrates geospatial data into public sector planning, budgeting, and performance monitoring. It is designed not merely as a digital transformation project but as a fundamental innovation in governance. This effort is further strengthened by a Memorandum of Understanding (MOU) signed in 2023 between the DBM and the Philippine Space Agency (PhilSA), creating a vital bridge between advanced space science and practical fiscal policy. This partnership ensures that space technologies are not only technically robust but also policy-relevant.

Through DIME and PhilSA's support, the DBM leverages complex satellite-derived data, high-resolution imagery, drone footage, and administrative data layers to monitor infrastructure, assess environmental conditions, and evaluate the impact of public investments. A standout feature is the integration of UP-NOAH flood hazard maps, which provide crucial 5-year, 25-year, and 100-year risk projections. This capability allows the DBM to visualize exposure across short-, medium-, and long-term horizons—enabling decisive climate action: prioritizing climate-resilient infrastructure in high-risk areas, prepositioning resources for disaster response, and ensuring that every investment is aligned with both current realities and future climate risks. In this way, data becomes not merely informative but foundational for decisive action and adaptive strategy.

Crucially, the address underscores that the maximum value of EO is realized only through regional collaboration. The challenges facing Southeast Asia are borderless, necessitating the development of regional downstream value chains. The vision calls for interoperable, inclusive, and responsive systems that strengthen coordinated efforts, including regional infrastructure benchmarking—enabling governments to learn from each other, avoid duplications, and accelerate progress. The keynote concludes with a powerful call to government, academia, industry, and civil society to co-develop shared standards and platforms. It invites the region to commit to an era where Earth observation empowers governance, and governance empowers people to rise together—stronger, smarter, and more united.

#### Bio

Officer-in-Charge of the Department of Budget and Management, Secretary Rolando "Rolly" U. Toledo is one of the most respected pillars of the DBM. A true homegrown leader, he began his journey in government in 1987 as an Accounts Analyst and rose through the ranks over the next 38 years - earning every step through hard work, discipline, and character.

He has served under multiple administrations, contributing to major fiscal reforms with consistency, stability, and professionalism. His deep institutional knowledge, combined with his calm and principled leadership style, has made him a trusted steward of the country's public finances.

OIC-Secretary Toledo has held key positions across the DBM: Director of the Fiscal Planning and Reforms Bureau, Assistant Secretary and later Undersecretary of the Budget Policy and Strategy Group, and most recently, Undersecretary for the





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Budget Preparation and Execution Group—the central office in charge of crafting and implementing the national budget. His appointment as OIC-Secretary reflects not only his technical expertise but also his humility and lifelong commitment to service.

He is a Certified Public Accountant with studies in Development Economics at the UP School of Economics, and he completed his

Master in National Security Administration at the National Defense College of the Philippines. Beyond his credentials, he is known across government as a champion of Open Government, advocating transparency, citizen participation, and accountability.

With his strong institutional memory and formidable experience, OIC-Secretary Toledo continues to guide the DBM toward reforms that ensure responsible, transparent, and efficient use of public funds for the Filipino people.











### Keynote Speeches on Looking Around: Enabling the Space Value Chain through Cooperation, Education, Policy, and R&D

### **Joel Joseph Marciano Jr.**, Vice President for Research and Innovation, University of the Philippines System and PhilSA Founding Director General

In a rapidly evolving space sector, collaboration plays a pivotal role in advancing space activities. Linkages across government, academe, industry and the public enable an inclusive and sustainable space ecosystem. Crucially, regional and international cooperation contribute to strengthening the space value chain—spanning upstream space science and technology development activities to the delivery of downstream satellite services and space-enabled solutions that ultimately lead to societal benefit.



The Philippine Space Agency (PhilSA) embraces collaboration as essential to growing a national space ecosystem that creates socio-economic value from space capabilities. Working with other government agencies, local government units, civil society organizations, academe, industry, and counterparts abroad, PhilSA is able to bridge space data and information into action, chart future space missions, and build a domestic space industrial base. Likewise, the Italian Space Agency (ASI) has long championed this approach, particularly through its expanding partnerships with countries in the Asia-Pacific region, including ASEAN. Initiatives such as the ASEAN-Italy Cooperation on Space and Smart Technologies serve as models for fostering regional capacity, enhancing technological exchange, and ensuring that nations can fully participate in and benefit from the global space landscape.

With rapid technological advancements, ensuring capacity-building for an adaptive workforce is key to empowering nations, especially in developing regions, to manage and lead space activities. Additionally, the creation of transparent, inclusive governance frameworks is essential to ensure the sustainable and peaceful use of space. Research and development efforts also play a critical role in addressing global challenges, from climate monitoring to space exploration, and collaborations enable nations to share knowhow, reduce costs, and accelerate space innovations. By actively engaging in multilateral platforms on space governance and in international R&D and capacity-building efforts, space agencies demonstrate their commitment to advancing the sustainable and peaceful use of outer space for all of humanity.

In conclusion, realizing a robust and productive space value chain contributes to inclusive socio-economic development. In this shared endeavor, we must continue to build partnerships, promote education, and develop inclusive policies so that we can ensure space remains a domain for global progress, economic growth, and scientific advancement.

#### Bio

Dr. Joel Joseph S. Marciano, Jr. served as the founding Director General of the Philippine Space Agency (PhilSA) from 2020 to 2025, leading its establishment and development. He is a Full Professor at the University of the Philippines (UP) Diliman and previously held the Dado and Maria Banatao Professorial Chair in Engineering. He obtained his PhD in Electrical Engineering and Telecommunications from the University of New South Wales and has held visiting appointments in Japan and the United States. From 2014 to 2020, he led the development of the Philippines' Diwata microsatellites and Maya nanosatellites. He has over 30 years of experience in R&D, technical operations, and academe–government–industry collaboration in wireless communications and space technology. In 2023, he received an honorary doctorate from Hokkaido University. He is currently Vice President for Research and Innovation of the UP System.





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### **Maria Chiara Noto**, Head of the International Cooperation and Space Diplomacy Office, ASI

For a space agency, the biggest challenge today is not developing new technologies—it is ensuring that space innovation becomes usable, trusted, and truly impactful for society. Italy, through ASI, is working to close this gap by transforming advanced national systems such as COSMO-SkyMed and IRIDE into real operational services that support decision-making, environmental monitoring, security, and disaster management. Turning high-quality data into timely and actionable information is where the real value of space emerges.



To achieve this vision, ASI focuses on three key enablers: open and decision-ready data platforms; services co-developed with public authorities to ensure real operational uptake; and clear communication of results, so that the benefits of space are visible to citizens and policy-makers.

International cooperation is central to this approach. The SIASGE partnership with Argentina and the Luigi Broglio Space Centre in Malindi, co-managed with the Kenya Space Agency, show how shared infrastructure, interoperable systems and joint operations can transform simple access to data into genuine national capability. In Africa, initiatives developed in the framework of the Mattei Plan further combine training, technical support and operational tools to help partner countries build their own downstream services.

A supportive policy and institutional environment is equally essential. Italy's 2025 Space Economy Law provides a modern and transparent framework for the authorization and supervision of space activities, giving institutions and companies the confidence to invest and innovate. In parallel, the ASI–IILA high-level training programme for Latin America and the Caribbean—supporting, among others, the consolidation of ALCE and involving long-standing partners such as CONAE and the Mario Gulich Institute—strengthens regional expertise in space governance, space economy and Earth observation.

By connecting cooperation, education, policy and R&D, ASI aims to ensure that space becomes a driver of sustainable development and a shared resource that all nations can access, use and benefit from.

#### Bio

Dr. Maria Chiara Noto is the Deputy Director for International Affairs and Head of International Cooperation and Space Diplomacy at the Italian Space Agency (ASI), where she has worked since 2016. She holds a Ph.D. in International and European Law from the University of Milan, a Master's in International Law from the University of Nice, and a degree in Law from the University of Parma. She also completed a specialized Master's program in Space Policy at SIOI. With over 15 years of experience in international law, research, and academia, she has worked extensively in Italy and abroad, including teaching and participation in European projects on maritime safety and security. Her career also includes legal advisory roles with the Armed Forces and the Ministry of University and Research.









### 9 LOGISTICAL INFO

### **PARTICIPANTS**

Participation in the International Space Forum is open to Ministers and Authorities in charge of space affairs in the Southeast Asia region. **Delegations should be composed of a maximum of 4 delegates**, ideally including representatives from both the government and the national scientific and academic communities.

Space agencies from the rest of the world, international space organizations, and members of the IAF community, are also invited to participate.

Participants are required to complete this **Registration Form** to confirm their attendance:



https://forms.office.com/r/hMSMqfTCiH

### **DATES AND LOCATION**

The Forum will be held in Manila, Philippines, on Monday, 4 December 2025, at the Shangri-La at the Fort, Manila, located at 30<sup>th</sup> Street corner 5<sup>th</sup> Avenue, Bonifacio Global City, Taguig City, 1634 Metro Manila.

### **SOCIAL EVENTS**

On the 3<sup>rd</sup> of December, the Italian Embassy to the Philippines will host a **Welcome Reception** at 18:30 at the Italian Ambassador's Residence, located in Dasmariñas Village, Makati City 1221.

On the 4<sup>th</sup> of December, delegations are invited to a **Gala dinner** hosted by the local host, the Philippine Space Agency. It will take place at the Bonifacio Hall of the Shangri-La Fort, located at the 30<sup>th</sup> Street corner 5th Avenue, Bonifacio Global City, Taguig City, Metro Manila.

We encourage the delegates to inform the organizers of any dietary restrictions or requirements in advance via email at <a href="mailto:isf2025@philsa.gov.ph">isf2025@philsa.gov.ph</a>

### **CULTURAL VISIT**

An optional visit is planned for Friday 5<sup>th</sup> of December 2025, to the <u>National Museum</u> of Natural History, located at Teodoro F. Valencia Cir, Ermita, Manila, 1000 Metro Manila.

The Delegations will leave at **8:45 AM** PHT from Shangri-La at the Fort, Manila. Delegates interested in participating in the cultural visit should inform us of the names and delegation by emailing us at: <a href="mailto:isf2025@philsa.gov.ph">isf2025@philsa.gov.ph</a>

Delegates interested in participating in the visit should indicate this in the registration form.





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#### LANGUAGE OF THE FORUM

The Official Language of the Forum is English.

### REGISTRATION AND SECURITY DURING THE EVENT

National and local authorities will implement all necessary security measures.

Delegates are required to wear their identity badges at all times during the Welcome Reception and at the Forum venue. Delegates may collect their identity badges on the **4**th **December** at a dedicated desk that will be in the Bonifacio Hall foyer of the Shangri-La at the Fort, Manila, Bonifacio Global City, Taguig City, Metro Manila.

### LIFE AND HEALTH INSURANCE

Life and major health insurance are the responsibility of each selected participant or his/her nominating institution or government. The co-organizers will not assume any responsibility for life and major health insurance, nor for any expenses related to medical treatment or accidents.

#### **ARRIVAL IN MANILA**

Manila has an international airport that allows multiple connections between countries.

For more information about Ninoy Aquino International Airport, please visit: https://newnaia.com.ph/about-us/about-naia.

Delegates are encouraged to coordinate with their respective foreign missions in the Philippines should they wish to request port courtesy and other transportation services. Alternatively, taxis are readily available at the airport. It is also possible to rent a car or arrange private transfers in advance or upon arrival.

#### PRE-TRAVEL REQUIREMENTS

All travelers, regardless of visa status, must register on the e-Travel platform at least 72 hours before arrival. You will receive a QR code to present before boarding your flight and upon entry into the Philippines. To find out whether you need a visa to enter the Philippines, please visit: .

If you are required to obtain a visa and an invitation letter, please contact us at <u>isf2025@philsa.gov.ph</u>. <u>https://visitphilippines.ph/public/visa-to-philippines.</u>

If you are required to obtain a visa and an invitation letter, please contact us at <a href="isf2025@philsa.gov.ph">isf2025@philsa.gov.ph</a>.

### **HEALTH & SECURITY**

Manila is a safe and modern city with high security standards and good quality health services. Public hospitals are open 24 hours a day to attend to patients' needs, and pharmacies are widely available throughout the city.

Any medical costs incurred during the stay in the Philippines shall be borne by the Forum delegates. Therefore, it is strongly recommended that delegates arrange their own health insurance.

#### **WEATHER**

During December, Manila experiences an average high temperature of 30°C (86°F) and a low of 22°C (72°F). While formal business









attire is recommended for the Forum, participants are advised to wear light and comfortable clothing suitable for the tropical climate. A light jacket or wrap may also be useful for cooler evenings or when attending the Forum in air-conditioned venues.

### **ACCOMMODATION IN MANILA**

Participants are kindly invited to make their own reservations at the hotels of their preferences. However, for convenience, the organizers suggest staying at:

<u>The Shangri-La</u> The Fort Manila, Taguig City, Metro Manila. If delegates decide to stay at The Shangri-La, The Fort, the hotel may extend discounts (only applicable for direct booking through Shangri-La at the Fort, Manila). Kindly fill in the details on the Registration Form so we may provide the necessary requirements to facilitate the discount.

Alternatively, participants may also opt for other nearby accommodations. For your reference, we have listed below several suggested hotels and their details:

HOTEL	PRICE* (USD)	Distance from Shangri-La Fort
F1 Hotel Manila BGC	89 - 196	400 m
Ascott Bonifacio Global City	99 – 220	650 m
Grand Hyatt Manila	246 – 1,062	900 m
SEDA Bonifacio Global City	150 - 333	1.4 km

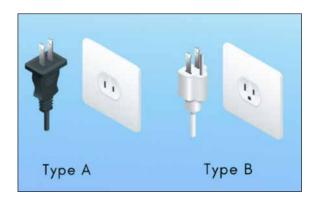
<sup>\*</sup>The amounts displayed are approximate and intended as a general guide.

#### **CURRENCY**

The Philippine peso, denoted by the symbol ₱ or PHP, is the official currency of the Philippines. Most shops accept card or cash (Philippine Peso) transactions. Currency exchange services are available at the airport. Automated teller machines are located near Shangri-La at the Fort, Manila.

### **ELECTRIC PLUG AND SOCKET**

The power sockets in the Philippines are of type A and type B. Delegates are encouraged to bring their own adapters. The standard voltage is 220 V with a frequency of 60 Hz.







#### **ORGANIZERS:**



### International Astronautical Federation (IAF)

100 Avenue de Suffren 75015 Paris France

Phone: +33 1 45 67 42 60 Email: info@iafastro.org Website: <u>www.iafastro.org</u>



#### Italian Space Agency (ASI)

Via del Politecnico 00133 Roma Italy

Phone: +39 06 8567 237 +39 06 8567 322 Fax: Email: urp@asi.it Website: www.asi.it/en

### **HOST:**



**Philippine** Space **Agency** 

### Philippine Space Agency (PhilSA)

29th Floor Cyber One Building, 11 Eastwood Avenue, Bagumbayan 1800 Quezon City Philippines

Phone: +63 63285689931 Email: <u>odg@philsa.gov.ph</u> Website: philsa.gov.ph/

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