# Programme

## Day 1: Friday 26 September

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| **09:00 – 10:00** | **Registration and Refreshments**<br>*Level 3 Pre-Function Area* |
| **10:00 – 10:15** | **Opening ceremony**<br>• **Clay Mowry,** President, IAF<br>• Recorded Message by **Aarti Holla-Maini,** Director, UNOOSA |
| **10:15 - 10:40** | **Opening Remarks**<br>• **Christian Feichtinger**, Executive Director, IAF<br>• **Pieter van Beekhuizen,** Chair, IAF Committee for Liaison with International Organizations and Developing Nations (CLIODN)<br>• **Matías Campos Abad,** Vice Chair, , IAF Committee on Connecting Emerging Space Ecosystems (ACCESS) |
| **10:40 - 10:50** | **Group photo** |
| **10:50 - 11:00** | **Setting the Scene**<br>• **Hamid Mehmood,** Scientific Affairs Officer, United Nations Office for Outer Space Affairs (UNOOSA)<br>• **Madin Maseeh,** President, Maldives Space Research Organisation (MSRO) |
| **11:00 - 12:00** | **Presentation Session 1: From Atolls to Continents: Scaling Space Solutions for Coastal Resilience**<br>This session dives into the practical application of space technology for coastal resilience, showcasing a powerful spectrum of solutions from the community level to regional governance and cutting-edge sensor technology.<br><br>**Chair: Antonio Stark,** Global Alliance Lead, ispace, Japan |

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| **11:00 - 12:00** | • **Mohamed Basheer**, President, Noonu Atoll Council, Maldives<br>• **Lizwe Wandile Mdakane**, Principal Researcher, Council for Scientific and Industrial Research (CSIR), South Africa<br>• **Meka Rajasekhar**, Scientist-SG / Manager, Indian Space Research Organisation, India<br>• **Felix Xavier Estico,** CEO, Seychelles Centre for Innovation and Sustainable Development, Seychelles *(Video)* |
| **12:00 - 13:00** | **Lunch Break**<br>*Level 3 Pre-Function Area* |
| **13:00 - 13:45** | **Networking**<br>Dedicated introductions, and thematic tables<br>*Room C3.4 and C3.5* |
| **13:45 - 15:15** | **Panel Discussion 1: Re-Rooting Disaster Management: The Role of Space Technology in Strengthening Nature-Based Solutions**<br>This panel will explore how users are harnessing space technology to both preserve critical nature-based solutions and defend coastal environments.<br><br>**Moderator: Pieter van Beekhuizen,** Chair, IAF Committee for Liaison with International Organizations and Developing Nations (CLIODN)<br><br>• **Richard Mwangi,** Chief Geo-database Administrator and GIS Developer, Kenya Forest Service, Kenya<br>• **Anja Nakarada Pecujlic,** Head of Business for the DACH region, EnduroSat, Germany<br>• **Michael John Wellington,** Senior Earth Observation Scientist, Digital Earth Africa, Australia<br>• **Abdulla Hafiz,** Meteorologist, Maldives Meteorological Service, Maldives |
| **15:15 - 15:30** | **Coffee Break**<br>*Level 3 Pre-Function Area* |

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| **15:30 - 17:00** | **Panel Discussion 2: SIDS, Satellites, and Sovereignty: Transforming Ocean Resource Stewardship from Space**<br><br>Small Island Developing States (SIDS) oversee vast ocean territories rich in resources but face growing challenges in managing them sustainably. This panel explores how space-based technologies are empowering SIDS to enhance monitoring capabilities while also supporting equitable, sustainable, and sovereign stewardship of ocean resources—placing SIDS at the forefront of a new era in ocean governance.<br><br>**Moderator: Raushan Ali Firaq,** Director, Maldives Space Research Organisation<br><br>• **Valrie Grant,** Strategic Advisor on Geospatial Matters; Organisation of Eastern Caribbean States (OECS); Caribbean Lead, Fugro- Climate and Nature, Jamaica<br>• **George Joseph Carter**, Senior Fellow and Deputy Head of the Department of Pacific Affairs, The Australian National University, Australia<br>• **Dominique Tilmans,** Chair, Chair of Eurisy, Belgium |
| **17:00-17:30** | **Academic Pitches 1: Risk, Response, Residue: The Disaster Lifecycle from Orbit**<br><br>**Chair: Jumpei Takami,** Associate Expert in Remote Sensing for Disaster Management, UN-SPIDER, UNOOSA<br><br>• **Alba Rebeca Gutierrez Melendez,** Founder and Chief Technology Officer of Dynamic Genesis, Mexico-Sweden<br>• **Sackdavong** Mangkhauseum, Lecturer, Faculty of Engineering, National University of Laos, Laos<br>• **Unis Musu Lebbie**, Remote Sensing Research Technician, University of Southampton, Sierra Leone<br>• **Hanadi Abdalla,** Researcher, Electrical and Space Systems Engineering, Kyushu Institute of Technology (Kyutech), Sudan<br>• **Rachita Agrawal**, Doctorate Candidate, GGS Indraprastha University, Delhi, India |

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| **17:30 - 18:00** | **Networking**<br>Dedicated introductions, and thematic tables<br>*Room C3.4 and C3.5* |

# Day 2: Saturday 27 September

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| **09:00 – 10:00** | **Registration and Refreshments** |
| **10:00 – 10:15** | **Technology Presentation**<br>**Go Ozawa** Manager of Public & Enterprise Unit, Public & Enterprise Unit, Business dept, Synspective Inc, Japan |
| **10:15 - 10:30** | **Space4Oceans Alliance Presentation** |
| **10:30 - 11:45** | **Panel Discussion 3: A Spectrum of Resilience: The role of Communities in Space-Based Disaster Risk Management**<br>How can we ensure that space-based solutions for disaster management effectively serve the people on the front lines? Moderated by UN-SPIDER, will explore the essential role of community engagement across the full disaster management cycle. Speakers, ranging from national authorities to on-the-ground practitioners, will discuss a spectrum of approaches for translating satellite data into actionable local knowledge.<br>The session will focus on strategies for building inclusive and effective models of resilience, highlighting how to bridge the gap between advanced technological capabilities and the real-world needs of at-risk communities.<br><br>**Moderator: Hamid Mehmood,** Scientific Affairs Officer, UNOOSA |

# Day 2: Saturday 27 September

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| **10:30 - 11:45** | • **Roxy Williams,** Software engineer, science communicator, and space advocate, Space Generation Advisory Council (SGAC), Nicaragua<br>• **Go Ozawa** Manager of Public & Enterprise Unit, Public & Enterprise Unit, Business dept, Synspective Inc, Japan<br>• **Priyanka Das Rajkakati,** Head of Special Projects at vorteX-io, France<br>• **Luciano Lupedia,** Head of Space Applications Development at GGPEN, Angola |
| **12:00 - 13:00** | ***Lunch Break***<br>*Level 3 Pre-Function Area* |
| **13:00 - 14:30** | **Panel Discussion 4: Pilot to Planet: Scaling Innovative Missions into Operational Services**<br>This forward-looking panel will bring together experts from government, the private sector, and research organizations to discuss the complete innovation pipeline.<br><br>**Moderator: Tom Gardner,** Strategic Partnerships Lead, MSRO<br><br>• **Hoda Awny,** System Design Engineer, Egyptian Space Agency, Egypt<br>• **Nashwan Matheen,** Research Coordinator for EO, Maldives Space Research Organisation (MSRO), Maldives<br>• **Farid Gamgami,** Head of Department at the Innovation Academy for Microsatellites, Chinese Academy of Sciences, Vice Director of Key Laboratory for Satellite Digitalization Technology (CAS), China.<br>• **Matías Campos Abad,** Vice Chair, , IAF Committee on Connecting Emerging Space Ecosystems (ACCESS) |

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| **14:30 - 16:00** | **Panel Discussion 5: Digital Oceans, Resilient Cities: EO, GeoAI, and Digital Twins in Action**<br><br>This panel will delve into how cutting-edge technologies like Earth Observation (EO), geospatial Artificial Intelligence (GeoAI), and Digital Twins are being harnessed to model coastal dynamics, predict risks, and support resilient infrastructure planning. The session will showcase examples of digital innovation that bridge the ocean-urban interface, supporting both environmental protection and disaster risk reduction.<br><br>**Moderator: Valrie Grant,** Strategic Advisor on Geospatial Matters; Organisation of Eastern Caribbean States (OECS); Caribbean Lead, Fugro- Climate and Nature, Jamaica<br><br>• **Nashwan Matheen**, Research Coordinator for EO, Maldives Space Research Organisation (MSRO), Maldives<br>• **Andiswa Mlisa**, Digital Earth Pacific Programme Manager, The Pacific Community (SPC), New Caledonia<br>• **Mohamed Rajhi**, Project Manager and Remote Sensing Scientist, UDENE project/Tunisian Space Association, Tunisia<br>• **Jumpei Takami,** Associate Expert in Remote Sensing for Disaster Management, UN-SPIDER, UNOOSA |
| **16:00 - 16:45** | **Coffee Break**<br>*Level 3 Pre-Function Area* |
| **16:45 - 17:45** | **Presentation Session 2: Better Data for Timely Action: The Building Blocks of Satellite-Enabled Early Warning**<br>This session explores the essential components of effective, satellite-enabled early warning systems, from foundational global datasets to tailored national applications. Experts from national space programs and the private sector will demonstrate how different technologies serve as the building blocks for timely action.<br><br>**Chair: Jumpei Takami,** Associate Expert in Remote Sensing for Disaster Management, UN-SPIDER, UNOOSA |

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| **16:45 - 17:45** | • **Thanya Tamara Idoyaga Irala**, GIS Analyst, Paraguayan Space Agency, Paraguay<br>• **Matteo Emanuelli**, Program Manager and Earth Observation Expert, Airbus, Germany<br>• **Daniel Sors Raurell**, Head of Services and Industrial Promotion Office, Institute of Space Studies of Catalonia (IEEC), Spain<br>• **Waku Hatakeyama,** Executive Officer of Satellite Data Analysis AI Business Development, Custom AI Solution Div. Principal Engineer, Ridge-i , Japan |
| **18:00 - 19:00** | **Networking Reception hosted by IAF**<br>*ICC Sydney, Level 3, Cockle Bay pre-function* |

# Day 3: Sunday 28 September

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| **09:00 - 10:00** | **Registration and Refreshments** |
| **10:00 - 10:15** | **Technology Presentation**<br>**Mr. Waku Hatakeyama,** Executive Officer of Satellite Data Analysis AI Business Development, Custom AI Solution Div. Principal Engineer, Ridge-i , Japan |
| **10:15 - 11:00** | **Space Law Networking Session**<br>**Rosanna Margarita Hoffman,** Associate Legal Officer, UNOOSA |
| **11:00 - 11:15** | **Keynote**<br>**Izumi Mikami,** Corporate Advisor, Oceans Solutions Technology, Japan |

# Day 3: Sunday 28 September

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| **11:15 - 12:15** | **Fireside Chat: From surviving to thriving: How space technology, modern tools and innovative partnerships unlock new possibilities in Disaster Risk Resilience.**<br><br>This diverse panel brings together National Disaster Management Organizations (NDMOs) from coastal nations. The session will explore opportunities for cross-border coordination and capacity-building, highlighting regional leadership in adapting to the challenges of a changing world.<br><br>**Moderator: Hamid Mehmood,** Scientific Affairs Officer, UNOOSA<br><br>• **Abdullah Rafeeu,** Emergency Operations Manager, National Disaster Management Authority, Maldives<br>• **John Strickland,** Director, Emergency Management Cook Islands (EMCI – an output under the Office of the Prime Minister), Cook Islands<br>• **Farid Gamgami,** Head of Department at the Innovation Academy for Microsatellites, Chinese Academy of Sciences, Vice Director of Key Laboratory for Satellite Digitalization Technology (CAS), China<br>• **Telesia Sila,** Principal Geospatial Officer, Ministry of Lands and Survey, Government of Samoa, Samoa<br>• **Ofa Masiwawa,** Senior Geospatial Officer, National Disaster Risk Management Office, Tonga |
| **12:15 - 12:30** | **Wrap-up** |
| **12:30 - 12:45** | **Closing Ceremony**<br><br>• **Aarti Holla-Maini,** Director, UNOOSA<br>• **Anil Kumar,** IAF Vice President for Relations with International Organizations<br>• **Ayhan Incirci,** Director of International Relations, Turkish Space Agency (TUA), Director General, External Relations and Legal Affairs Department, Asia-Pacific Space Cooperation Organization (APSCO) |

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| **12:45 – 13:00** | **Group Photo** |
| **13:00 – 13:30** | **Lunch Break**<br>*Level 3 Pre-Function Area* |