



 SUSTAINABLE DEVELOPMENT GOALS



UNISPACE  
+50

Implementation of Asia-Pacific  
Space Applications Plan of Action  
(2018-2030)



United Nations Economic and Social Commission for Asia and the Pacific

*SDG : from Global Concept to Regional Action*

# Content

Part I - Outcomes of the 3<sup>rd</sup> Ministerial Conference on Space Applications in Asia and the Pacific

Part II - ESCAP work in space applications since 2018

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# Part I

## Outcomes of the 3<sup>rd</sup> Ministerial Conference on Space Applications in Asia and the Pacific

# Process of formulating the regional plan of action (2018-2030)

*Inclusive, collective, open and driven by country needs*

## Actions

### Goals set-up

20<sup>th</sup> Session of the ICC on RESAP,  
31 October to 1 November 2016

**Drafting Committee established**  
Nominated by members and associate members  
February 2018

**Second draft plan of action and ministerial declaration endorsed by**  
22<sup>nd</sup> Session of the ICC on RESAP  
30 August 2018

**Finalize the draft plan of action and ministerial declaration**  
Ad-hoc meeting of the ICC plus, on RESAP, 8-9 October 2018

## Milestones

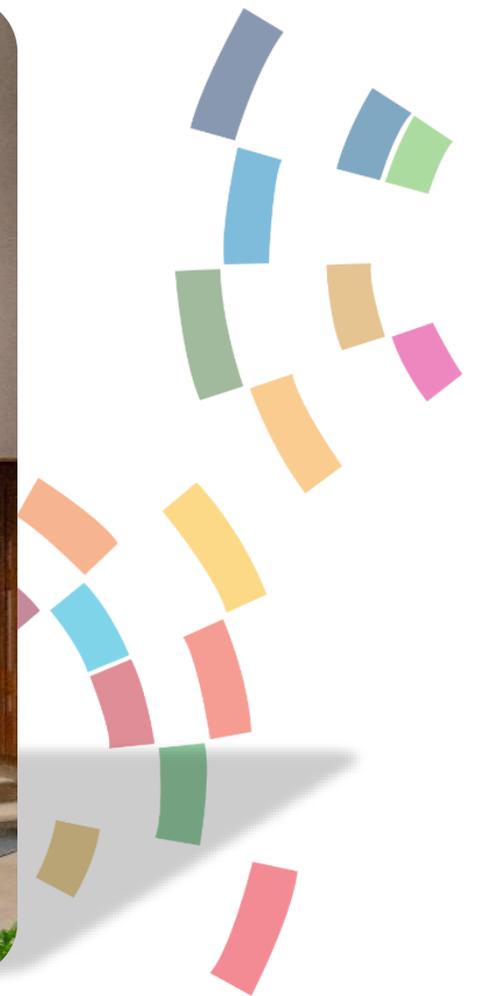
**Vision and Mission defined**  
21<sup>st</sup> Session of the ICC on RESAP  
9 to 12 October 2017

**First Draft of plan of action endorsed**  
1<sup>st</sup> Meeting of the Drafting Committee,  
31 May to 1 June 2018

**Second draft circulated to Seats of Government**  
for coordination  
7 September 2018

**plan of action and ministerial declaration adopted**  
3rd Ministerial Conference on Space Applications for Sustainable Development  
10 October 2018

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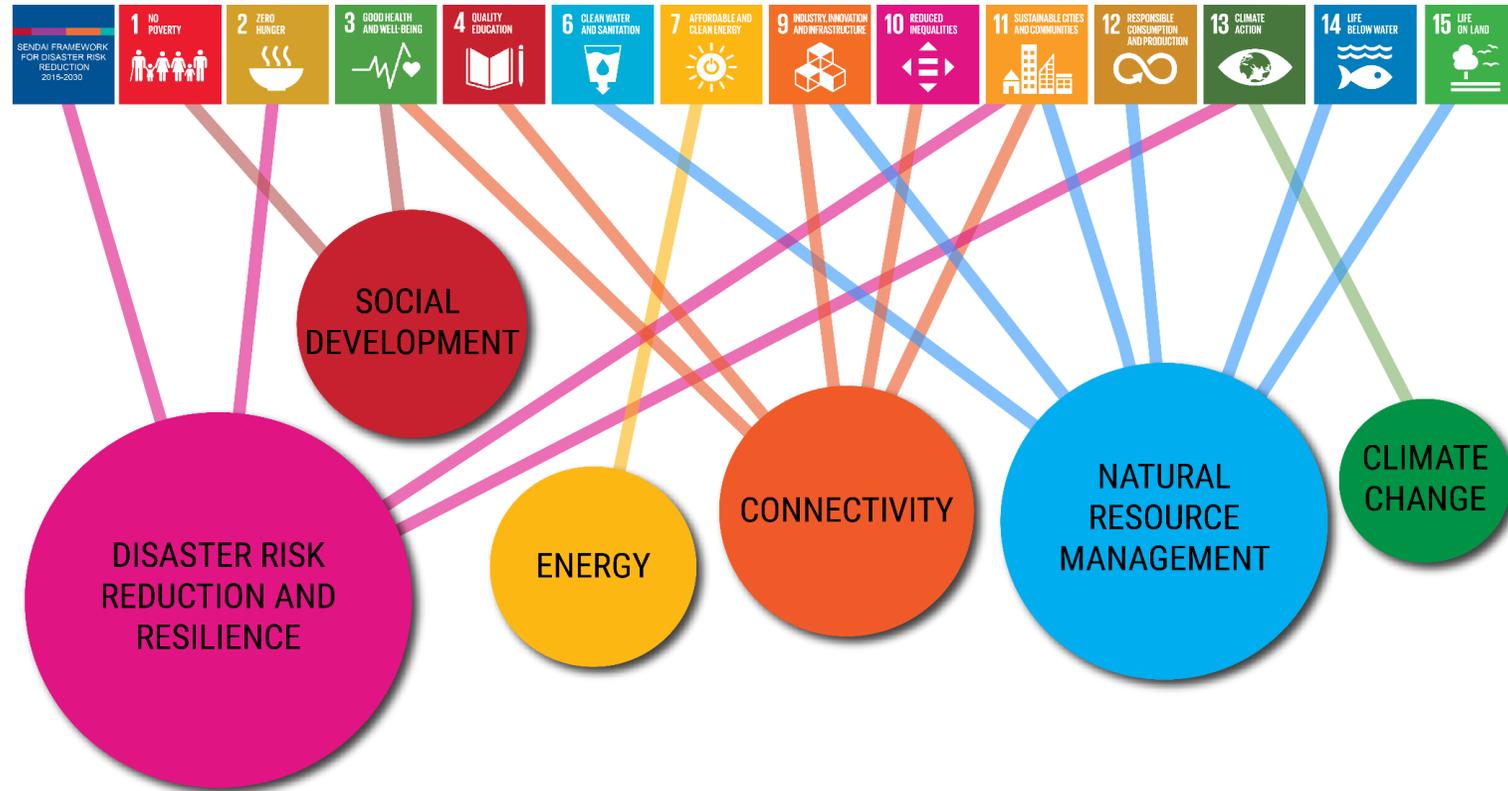


# High-level recognition of the use of space applications for sustainable development

ESCAP and Thailand co-organized the Third Ministerial Conference on Space Applications for Sustainable Development in Asia and the Pacific on 10 October 2018, in Bangkok, Thailand.

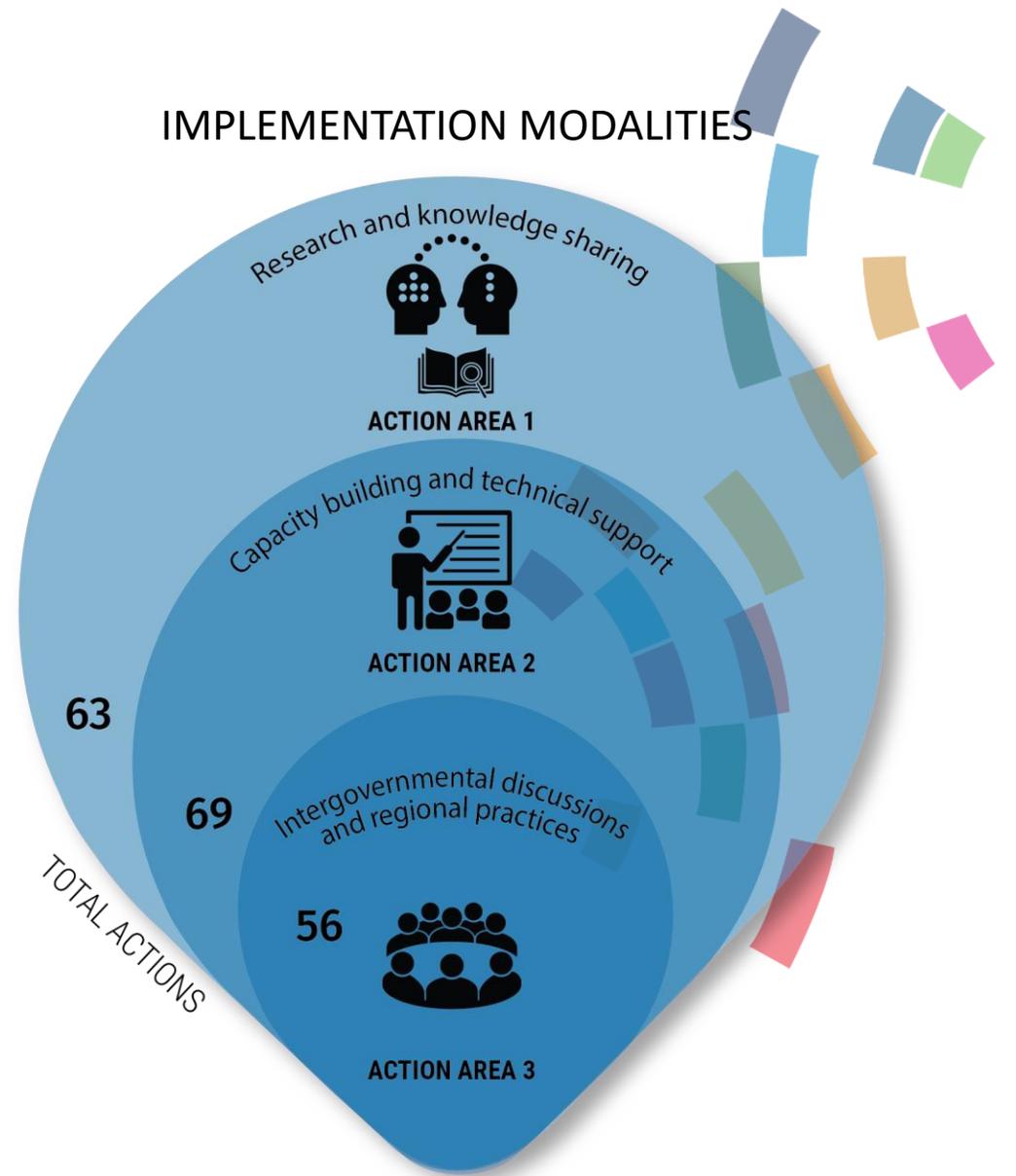
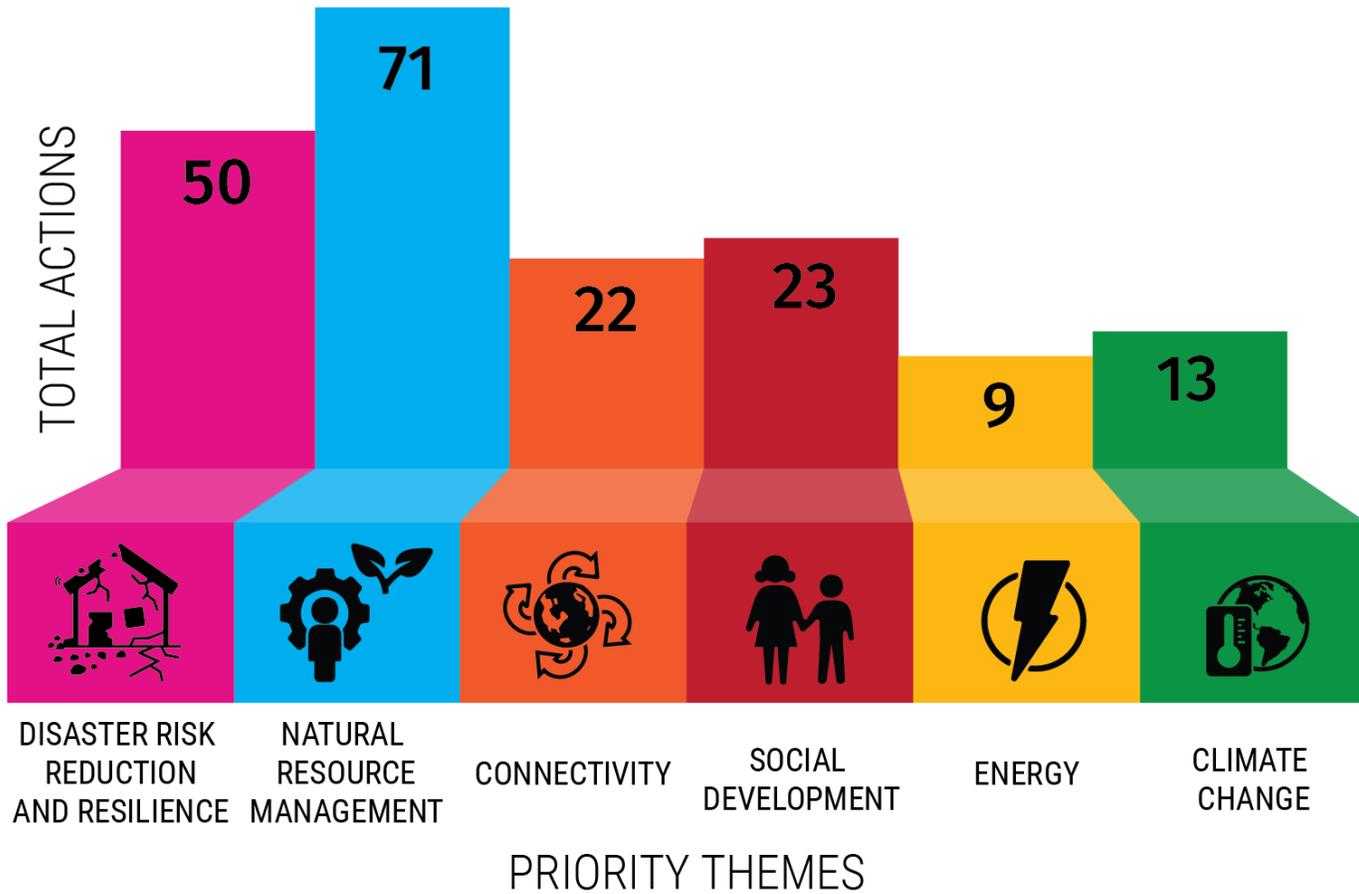
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# Integrating Geospatial Dimensions for a Sustainable Asia-Pacific



- 188 actions in six thematic areas, regionally-coordinated, inclusive and country-needs driven blueprint
- for 14 Goals of SDGs and SFDRR: where space applications can significantly contribute to global framework
- 37 Targets: as prioritized by the space community for the Asia-Pacific region
- Three implementation phases, each of a four-year duration, with a Ministerial Conference to be convened at the end of each phase.

***SDG : from Global Concept to Regional Action***



## Part II

# ESCAP work in space applications since 2018



- Timely provision of images/products to countries affected by disasters: 400+ satellite for drought, cyclone, tsunami, earthquake and flood
- 24/7 service with free data and support from RESAP member countries, valued US\$ 1 million+
- Provided support to Pacific countries on how to utilize space based geospatial data for effective early warning system
- Specific trainings benefited 110 officials/technicians from 21 developing countries, 1/3 of them are females, in collaboration with CSSTEAP, GISTDA, RADI, AIT, CUHK, ARTSA, KOICA and UNOSAT



- One DroughtWatch system in operation in Mongolia (support from China) and developing advanced system for *Dzud* early warning (support from Republic of Korea and China)
- Two drought monitoring systems are under test-running in Myanmar and Sri Lanka (support from India)
- Developing water and drought monitoring system in Cambodia (support from China, Thailand and Australia)
- The installment of fully operational geo-portal at NDMO and line ministries in four Pacific countries (support from Japan, Indonesia, AIT, WMO and SPC)



# Part III

## Way forward



# 2019-2020 work plan

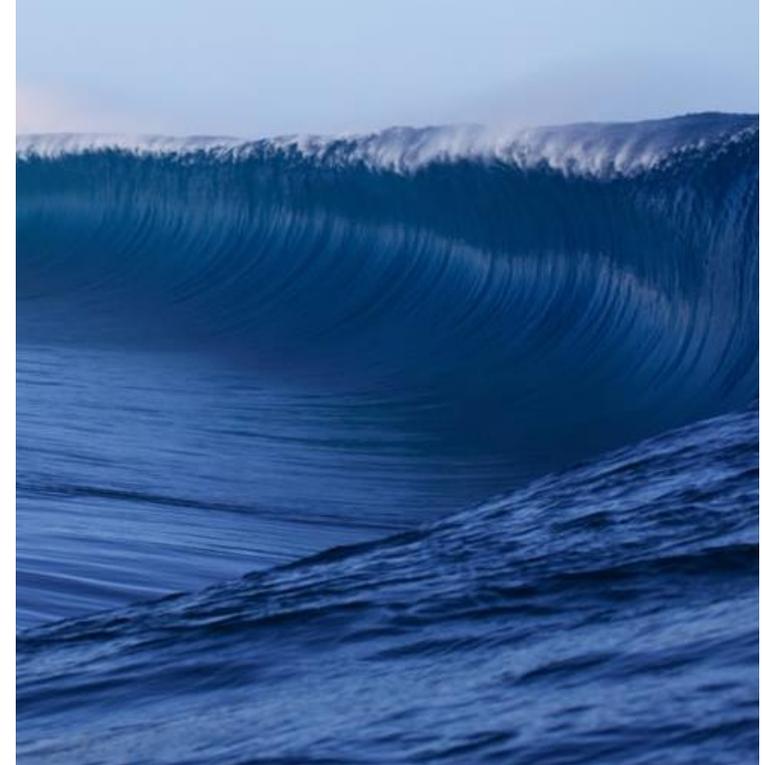
- Lead the implementation of Plan of Action, through enhanced collaboration with partners in UN and global/regional organizations
- Contribute to UNISPACE+50 process and the “Space2030” Agenda
- Host the Secretariat of the UN-GGIM-AP to strengthen the capacity of the member States in geospatial information management
- Engage with partners in the national level and others to drive policy by space-based information
- Engage with private sectors and others to implement the Plan of Action and lead towards “inclusive growth”



# 2019-2020 work plan

- Join UNOOSA in co-organizing the UN/China Forum on Space Solutions: Realizing the Sustainable Development Goals
- Join GEO and AOGEO on Asia-Oceania Data Hub
- Co-organize the GNSS Asia conference and Thailand/ASEAN Space Week (late August 2019)
- Enhance the capacity of Central Asian countries on effective use of space applications for drought monitoring and early warning, supported by Russian Federation





# Thank you for your attention

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