



ASIA-PACIFIC PLAN OF ACTION ON SPACE APPLICATIONS FOR SUSTAINABLE DEVELOPMENT (2018 – 2030)

*"Integrating Geospatial Dimensions for
a Sustainable Asia-Pacific"*

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Preface

On 10 October 2018, Ministers and the heads of the space community met in Bangkok for the Third Ministerial Conference on Space Applications for Sustainable Development in Asia and the Pacific.

The Ministerial Conference adopted two documents, that will guide work in Asia-Pacific for the next decade: 1) the Ministerial Declaration on Space Applications for Sustainable Development in Asia and the Pacific, and 2) the Asia-Pacific Plan of Action on Space Applications for Sustainable Development (2018 – 2030).

The Plan of Action is a regionally-coordinated, inclusive and country-needs driven blueprint that harnesses space and geospatial applications, to achieve the 2030 Agenda for Sustainable Development.

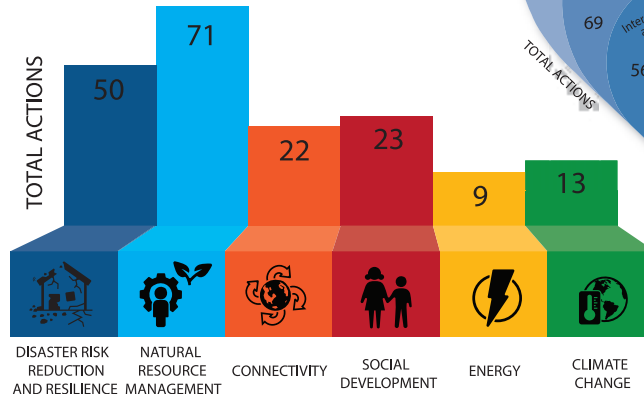
The Plan of Action is fully aligned with ESCAP's Regional Roadmap for Implementing the 2030 Agenda for Sustainable Development in Asia and the Pacific. It maps the sectoral needs and resources at national and regional levels.

Plan of Action overview

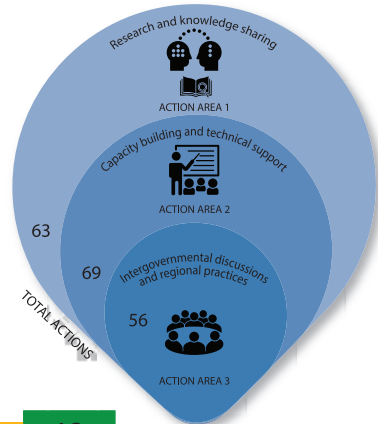
Vision

Member States in the Asia-Pacific region can access and use space science, technology and its applications to the fullest extent at the national and regional levels to achieve the goals set out in the 2030 Agenda for Sustainable Development.

Priority Themes



Modalities

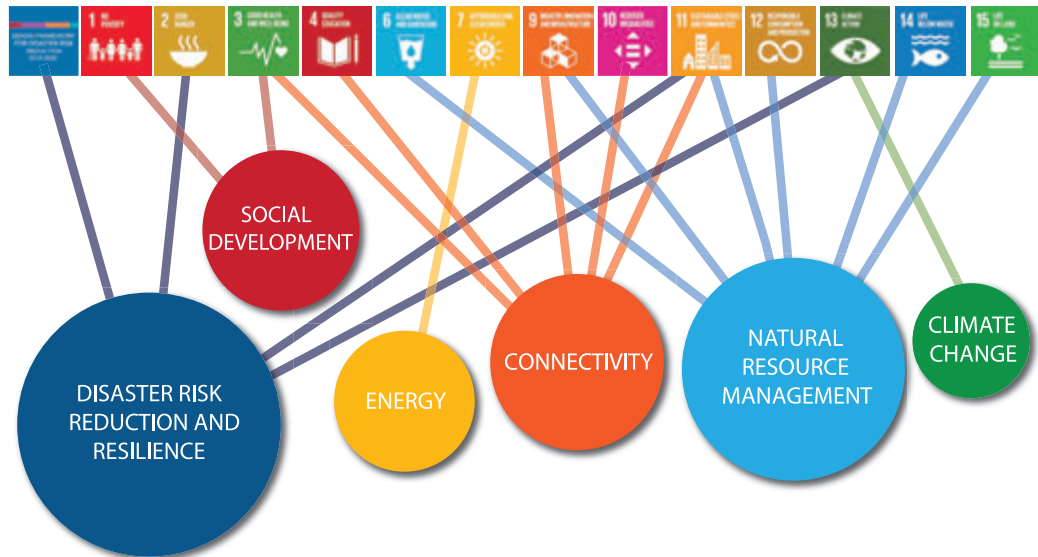


188 ACTIONS for 37 TARGETS of 14 SDGs¹ + SFDRR²

¹Sustainable Development Goals

²Sendai Framework for Disaster Risk Reduction

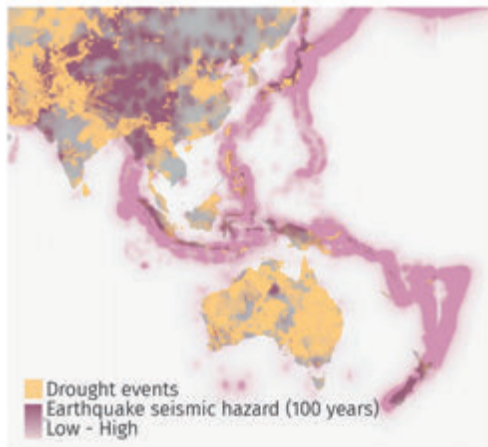
Integrating Geospatial Dimensions for a Sustainable Asia-Pacific



The Asia-Pacific region has the potential to achieve a developmental transformation that will serve as a global model on the cooperative use of innovative technologies for common good.

Theme: Disaster Risk Reduction and Resilience

Drought and Earthquake Frequency
(Source: ESCAP)



Asia and the Pacific is the most disaster-prone region in the world.



50 ACTIONS 3SDGs + SFDRR

Sub theme



Innovation



Risk Reduction



Disaster Assessment



Emergency Response



Food Production



Agroecosystem Resilience



Precision Agriculture



Climate Hazards

Theme: Natural Resource Management

71 ACTIONS, 6 SDGs

Sub theme



Water Quality
Water Resource Management



Infrastructure



Cultural Heritage



Waste Management



Urban Planning



Consumption and Production



Forests



Land Use Change



Biodiversity and Endangered Species



Land Degradation and Desertification



Water Pollution



Marine Ecosystems



Coastal Ecosystems



Sustainable Fisheries

*The Asia-Pacific region
consumes more than half of the
world's natural resources.*

Theme: Connectivity

While Internet access is high across the region, there is also a widening digital divide.

22 ACTIONS, 5 SDGs

Sub theme



Road traffic incidents



Scholarships



Access to the Internet

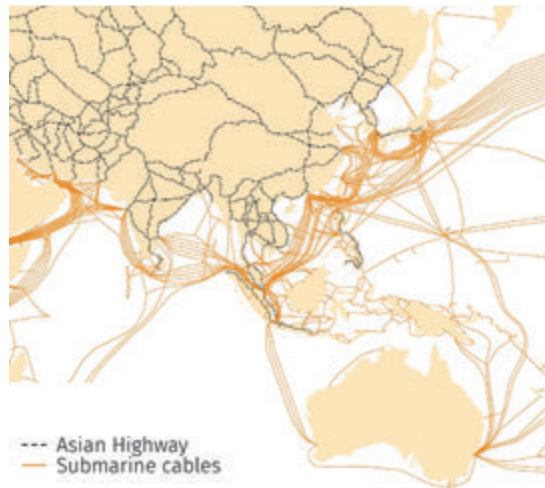


Migration



Transport systems

Asia-Pacific Information Superhighway Maps
(Source: ESCAP).



Theme: Social Development



Despite high and enduring economic growth and significant progress in terms of poverty eradication, absolute poverty persists in the Asia-Pacific region the poor are more vulnerable and suffer the worst disaster impacts.

23 ACTIONS 2 SDGs

Sub theme



Poverty



Vulnerable Groups



Health Management



Contamination and Pollution



Theme: Climate Change

Responding to climate change is a major global challenge.

Sub theme



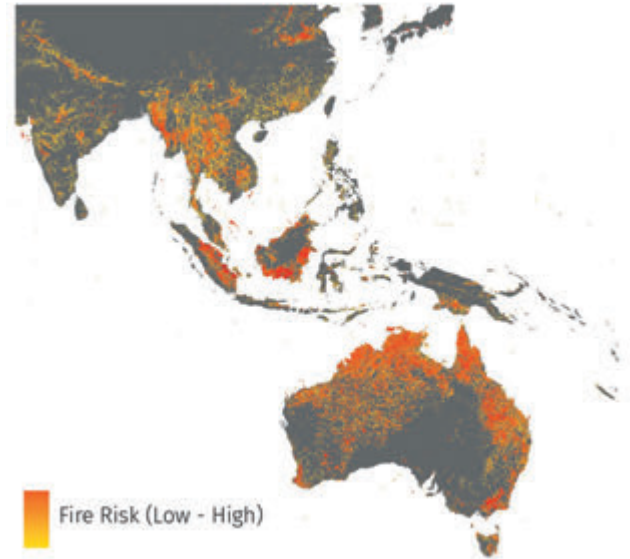
Mitigation and Adaptation

Climate change is a long-term threat to future generations, it is vital that Asia-Pacific countries take strong action to avoid the impacts of climate change.

13 ACTIONS
1 SDG



Fire Risk Average across the Asia-Pacific Region
(Source: ESCAP)



Implementation Phase

The Plan of Action is designed to provide both a consolidated needs assessment for countries in the region that wish to utilize space applications for sustainable development, and a guide for partners that wish to support those countries in meeting the needs.

A phased review has been suggested over three, four-year periods.

PHASE 1

2018 - 2022

PHASE 2

2022 - 2026

PHASE 3

2026 - 2030

Implementation as an ongoing collective effort

- 1 Includes activities at the international, regional and national levels.
- 2 Identifies the means and modes of implementation.
- 3 Promotes partnerships and collaboration between member States, United Nations agencies, intergovernmental mechanisms, and international and technical organizations.

Conclusion

Ministers and the heads of the space community encourage members and associate members of ESCAP to work together closely and develop appropriate joint programmes and projects that are aligned with the priority themes, goals, targets and actions of the Plan of Action.

Cooperation among members and associate members of ESCAP, United Nations agencies, international and regional organizations, the private sector and other relevant stakeholders is encouraged, to support the implementation of the Plan of Action and to contribute to a "Space2030" agenda, to be formulated by the Committee on the Peaceful Uses of Outer Space.

Members and associate members of ESCAP are encouraged to work together and to mainstream the use of space technology and geospatial information applications, where possible, across the Sustainable Development Goals, as national and regional champions, and in multiple capacities across relevant fora.



Group photo of heads of delegation to the Third Ministerial Conference on Space Applications, held on 10 October 2018 in Bangkok, Thailand.

“We express our appreciation to members and associate members for their valuable contributions and efforts to further the use of space technology and geospatial information applications, globally and in the region.”



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