

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

Space Applications Section  
ICT and Disaster Risk Reduction Division  
United Nations ESCAP



9<sup>th</sup> GEOSS  
Asia-Pacific Symposium  
11-13 January 2017  
Tokyo, Japan

# Changing global development landscape

## Global frameworks:

- Sustainable Development Goals
- Sendai Framework for DRR
- Paris Agreement on Climate Change



UN World Conference on  
Disaster Risk Reduction  
2015 Sendai Japan

## Gaps and challenges:

- **Capacity gap** between countries actively using earth observation and those that could benefit but don't know how...
- **Communication gap** between potential end users and space community...

## Opportunities for RESAP:

- Existing Asia-Pacific Plan of Action for Space Applications and GIS for Sustainable Development (2012–2017) is coming to an end
- Need for a new Asia-Pacific Plan of Action for Space Applications (2018–2030)
- Request by member states to organise a 3<sup>rd</sup> Ministerial Conference on Space Applications in 2018

# 20<sup>th</sup> ICC on RESAP and the Asia–Pacific Space Leaders Forum

- The **20<sup>th</sup> Intergovernmental Consultative Committee (ICC) on Regional Space Applications Programme for Sustainable Development (RESAP)** took place from 30 October – 1 November 2016
- Practitioners from the space community discussed the potential role of RESAP among the new global development landscape
- **Asia–Pacific Space Leaders Forum** followed on 2 November 2016
- **Declaration by Asia–Pacific Space Leaders on Applications of Space Technology to support implementation of the 2030 Agenda for Sustainable Development** **adopted**
- Specific inputs to the Declaration of Asian Ministerial Conference on Disaster Risk Reduction, 2 – 5 November 2016, New Delhi

# Vision for RESAP

The 20<sup>th</sup> ICC on RESAP suggested the following:

Pillars:

## Disaster Risk Reduction and Resilience

- Disaster Risk Management
- Resilience for food security and agriculture

## Environment and Natural Resources

- Urban Development
- Freshwater management
- Land Use and Ecosystem Services
- Coastal areas and fisheries
- Improving Air Quality and Monitoring the Atmosphere

## Geo-spatial information for infrastructure and services

- Geospatial Information Management Infrastructure
- Health, Education and Social Services

Modalities of implementation:

Timely provision of near real-time satellite imagery

Skills and capacity to address existing gaps and emerging challenges

Institutional development through emerging technology, knowledge products, standards and procedures

# Asia–Pacific Plan of Action 2018–2030

- New Asia–Pacific Plan of Action for Space Applications (2018–2030)
  - To encompass international, regional and national level interventions
  - To elaborate on the main pillars and thematic areas
  - To identify modes of implementation
  - To identify potential implementation partners
  - To identify reporting structure
  - To encourage and formalise commitments from members
  - To identify different stakeholder groups including end–users

# Proposed timeline of activities

- Priority activities can be identified/outlined in the New Asia–Pacific Plan of Action for Space Applications (2018–2030).
- New Plan of Action (2018–2030) to be drafted in consultation with all member States, relevant stakeholders and other ESCAP divisions, during 2017.
- Draft Plan of Action (2018–2030) to be discussed during the 21<sup>st</sup> Intergovernmental Consultative Committee (ICC) on RESAP.
- Final Plan of Action (2018–2030) to be adopted at the Asia–Pacific Ministerial Conference on Space Applications in 2018 and/or Commission Session



Outcomes of Space Leaders Forum Nov 2016

Revise the ToR on RESAP in Q1 2017

New PoA 2018-2030 to be drafted in Q2 2017

Discuss draft PoA at 21<sup>st</sup> ICC on RESAP in Q3 2017

Adoption at 2018 Ministerial Conference