

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

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

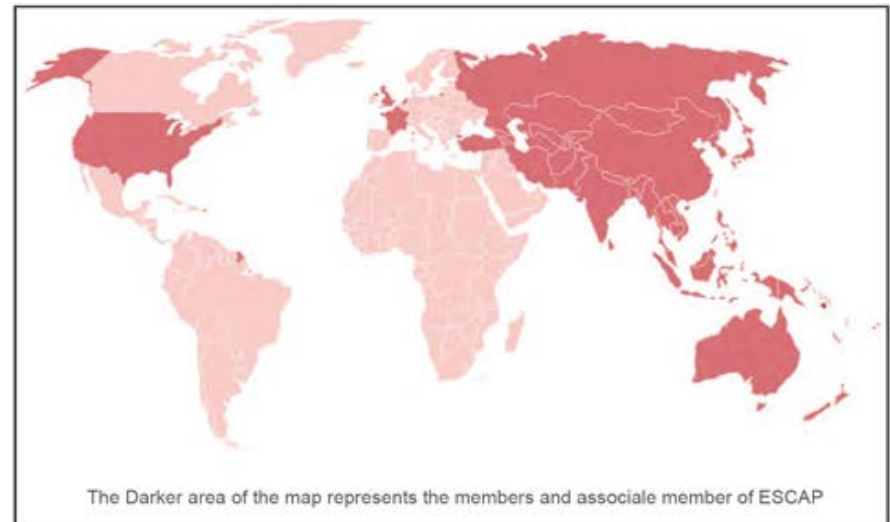


9th GEOSS
Asia-Pacific Symposium
11-13 January 2017
Tokyo, Japan

ESCAP and RESAP

- United Nations Economic and Social Commission for Asia and the Pacific (ESCAP)
- 62 member and associate member States
- ESCAP's Regional Space Applications Programme for Sustainable Development (RESAP) has been operating for around 22 years
- Covers 25 member States

Guided by Resolution 68/5 Asia-Pacific Plan of Action for Space Applications and GIS for Sustainable Development (2012–2017), though focus is primarily on disasters



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 3rd Ministerial Conference on Space Applications in 2018



20th ICC on RESAP and the Asia–Pacific Space Leaders Forum

- The **20th 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 20th 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 21st 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



Thank you

Kelly Hayden
Space Applications Section
Information and Communications Technology
and Disaster Risk Reduction Division
Email: haydenk@un.org

ESCAP

Web: www.unescap.org

Twitter: @ESCAP