

Regional Plan of Action on Promoting Space and GIS Applications for DRR and SD

**Sub-regional Training Workshop
26-29 August, Dehran Dun, India**

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I. Overview

Ø **62 Governments** – 58 within the region, i.e., from Turkey in the west to Kiribati in the east, and from the Russian Federation in the north to New Zealand in the south.

Ø ESCAP's regional strategy on space applications focuses on **regional/sub-regional cooperative mechanisms** and substantial programmes for effective support disaster risk reduction and sustainable development.

Policy
analysis



Advisory
Services



Technical
Cooperation
Projects



Capacity
Building



Building Resilience to
Natural Disasters and
Major Economic Crises



2013 ESCAP Theme Study

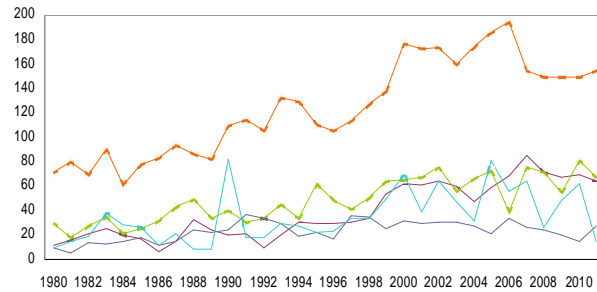
Ministerial Roundtable Panel Discussion:

**Building resilience to natural disasters and
major economic crises**

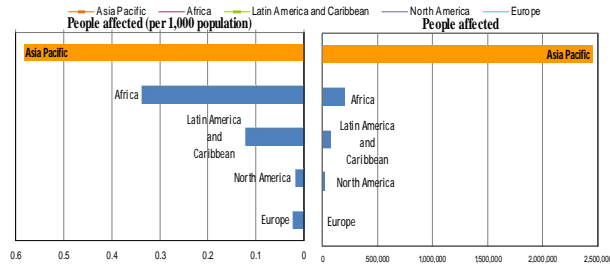


Disasters by region (1980-2011)

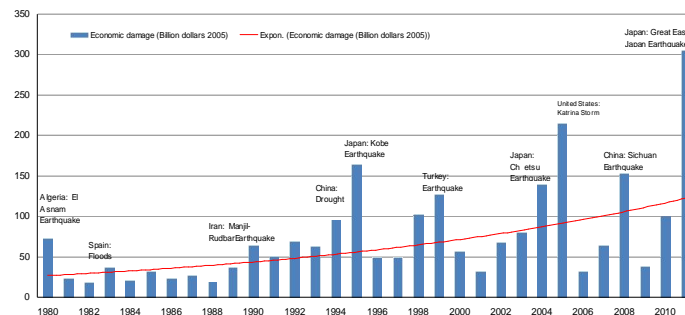
- Asia-Pacific is the most disaster prone region in the world



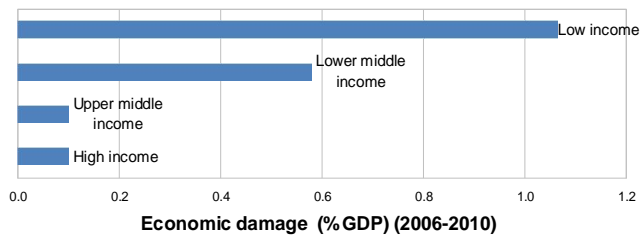
- ...and the most affected



- Economic losses from disasters are rising globally



- ...and low-income countries are the most affected



Building Resilience

Regional Cooperation

*Critical
Infrastructure*

*Economics of
Resilience*

***“The capacity of countries and
their people to withstand, adapt
to, and recover from natural
disasters and major economic
crises – so that their people can
continue to lead the kind of
lives they value.”***

*Supply
Chains*

Land, Water, Energy

Financial Cooperation

Community Resilience

II. Regional Plan of Action on Applications of Space and GIS for Disaster Risk Reduction and Sustainable Development, 2012-2017



Ø The Plan of Action is divided into 5 sections

- **The Preamble**
- **Towards Disaster Risk Reduction**
- **Towards Sustainable Development**
- **Finance and Resources**
- **The Way Forward**

Ø Two thematic areas are divided to showcase work to be done at the

- **Regional and Subregional Level**
- **National Level**

Ø A Ministerial Conference was proposed to be organized in 2015 to evaluate progress made and provide further guidance for the successful implementation of the Plan of Action and to build stronger political support and ownership among all stakeholders.

Ø The secretariat has been given huge mandate to harmonize and enhance existing regional initiatives and pool expertise and resources at regional and subregional levels; act as a clearing house for good practices and lessons; and take the lead at the regional level in implementing the Plan of Action.

Partners



- Investment Tracking on DRR promoting investment
- Risk Transfer and Resilient Sectoral Development
- Emerging Issues related to CCA and DRR
- Asia Pacific Disaster Report

Capacity building for Damage and Loss Assessment (DaLA) – Post Disaster Needs Assessment (PDNA)

DaLA/PDNA for low impact & high frequency disasters
–focused on highrisk LLDC, LDCs and SIDs

Joint programming for space applications
Capacity development, Technical Assistance Mission

UNITAR/UNOOSA Memorandum of Agreement between ESCAP and
UNOOSA/SPIDER UNITAR /ONOSAT

Typhoon Committee, Panel on Tropical Cyclone



RIO+20
the future
we want
7 Priority Areas

- \$ green jobs and social inclusion
- \$ energy access, efficiency and sustainability
- \$ Food security & sustainable agriculture
- \$ sound water management
- \$ sustainable cities
- \$ sustainable management of the oceans
- \$ improved resilience and disaster preparedness

ESCAP's Regional Cooperative Mechanism for Drought Monitoring and Early Warning

RESAP networks for Education and Training for remote sensing & GIS applications in agriculture and food security

Harmonizing the regional/international cooperation mechanisms (International Charter, Sentinel Asia, UNITAR, UNSPIDER) in support of more effective disaster response to the member Countries

Networking with RESAP members for access to satellite data in the event of major disasters

Building the capacity for geo-spatial disaster information in the specific context of countries with special needs.

RESAP networks for Education and Training for space applications in DRR/M

III. Regional Space Applications Programme (RESAP)

- Ø **Space applications for DRR / M is addressed by ESCAP in both sectoral and multi-sectoral approaches, through its flagship programme (RESAP) .**
- Ø **RESAP aims to promote the use of space applications for inclusive, resilient and sustainable development in Asia and the Pacific.**
- Ø **Strengthen regional cooperation and networking of the space agencies in the region.**
 - **Disaster risk reduction and management**
 - **Natural resources management**
 - **Connectivity**

The Regional Cooperative Mechanism for Disaster Monitoring and Early Warning, Particularly Drought

- Aims to provide space-based technical tools
 - Focus on drought, and eventually incorporate other types of disasters, beginning with floods.
 - Facilitate assessment of risks, contributing to formulation of policies, programmes and projects
 - With support of China, India, Thailand and other stakeholders
 - For holistic management of drought including mitigation, preparedness, response, relief, recovery and reconstruction
- under the Regional Space Applications Programme for Sustainable Development (RESAP)

Logistical arrangements endorsed by the 16th RESAP ICC:

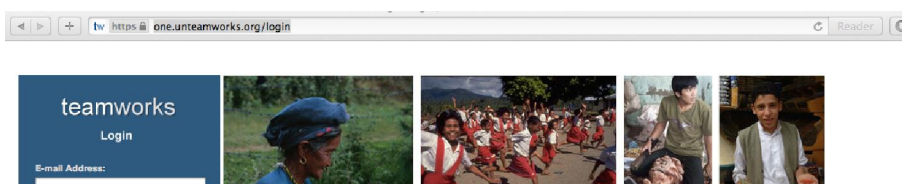
ØESCAP secretariat will be the ad hoc secretariat of the Mechanism.

ØService Nodes to be established in different regions. The first service node is expected to be hosted in China.

ØSupport on images data and products from India, Thailand and other RESAP members.

ØCapacity building offered by ISRO, GISTDA, NRSC and related stakeholders.

<https://one.unteamworks.org>



预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_6861

