

2017/SOM1/EPWG/024

Agenda Item: 7.3.1

ICT and Risk Informed Decision Making for Resilient Development

Purpose: Information Submitted by: ADPC

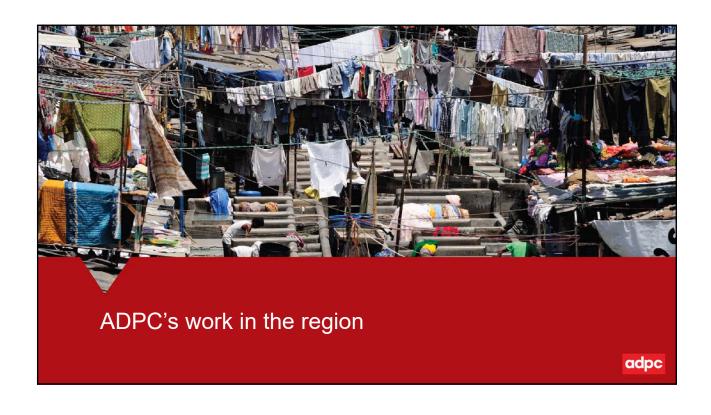


11th Emergency Preparedness Working Group Meeting Nha Trang, Viet Nam 18-19 February 2017

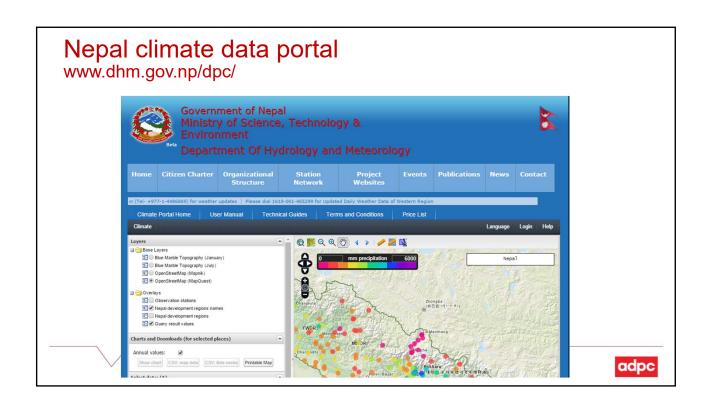


Why focus on development?

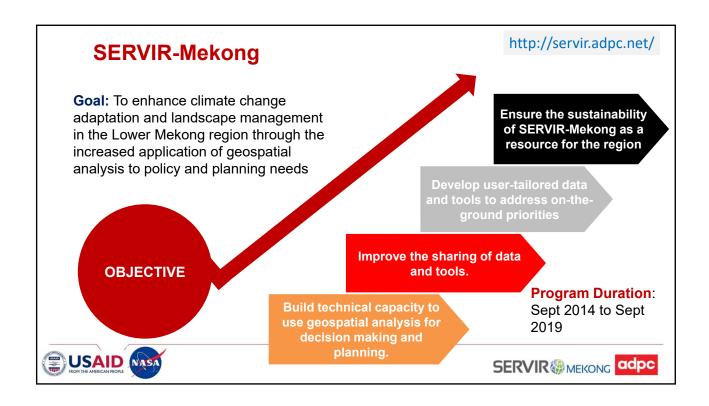
- Disasters set back development programming, destroying years of development initiatives.
- Development programs can increase an area's susceptibility to disasters.
- Development programs can be designed to decrease the susceptibility to disasters and their negative consequences.
- Rebuilding after a disaster provides significant opportunities to initiate development programs.

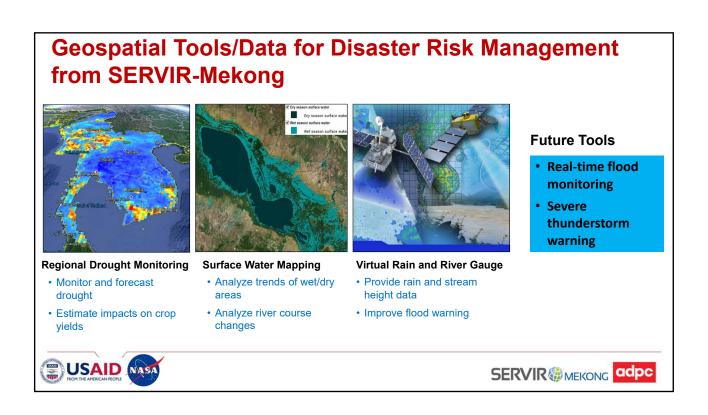






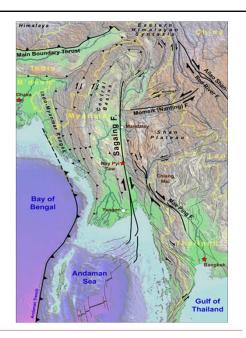






Earthquake risks in Mandalay

- Mandalay lies along the Sagaing fault in Myanmar
- Sagaing fault was the cause of 13 of 17 major EQs in the past 172 years and has been mostly quiet for the past 75 years
- Pre-1988, most major structures were designed without seismic resistance
- Soil investigation, an initial step in earthquake preparedness, was not mandatory in pre-1999





Utilizing risk information in Mandalay



- Risk-sensitive land use planning guidelines in Mandalay has been generated for local authority to implement
- City and household-level emergency response planning developed for the authority to reduce community risks
- At risk buildings have been identified to be retrofitted by the local authority





Challenges and priorities

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Priorities

- Improving understanding of disaster risk
- Provide access to risk information
- Strengthening the ability of governments and institutions to manage disaster risk
- Capacity building of sub-national level officials
- Need for greater gender inclusivity
- Improving coordination among relevant domestic and regional agencies
- More financial resources to ensure the long-term sustainability initiatives
- Fostering greater private sector engagement

What's next?

- Sharing of risk information through national platform
- Application of risk information into sectoral development plans
- · Utilization of space technology
- Use of social media for emergency preparedness
- Private sector engagement



2016 AMCDRR Adopted 'New Delhi Declaration' and 'Asian Regional Plan for Implementation of the Sendai Framework'

Regional Plan: A Unique Approach











Enhanced stakeholder groups engagement



Emphasis on understanding risk



private sector partnerships

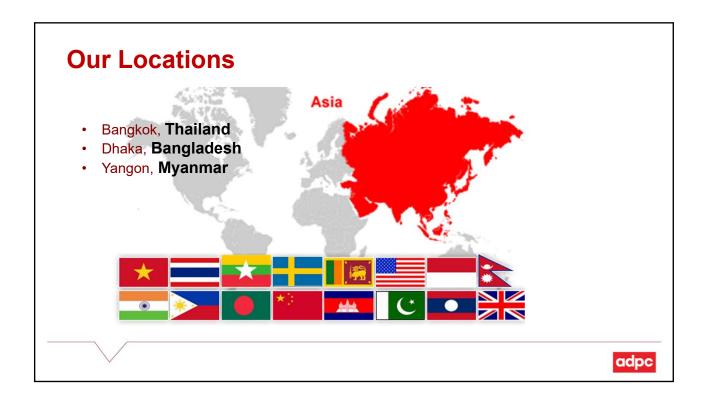


Increased participation and leadership of women

ADPC vision:

Safer communities and sustainable development through disaster risk reduction





Our Approach Science, System, Application



- ADPC uses science-based approaches to identify, quantify and understand risk
- Strengthening effective governance systems for managing disaster and climate risks and institutionalizing disaster risk management
- Incorporating disaster risk reduction into development processes

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Training

- Over 30 years of experience
- Extensive portfolio of training courses serving 26 countries in Asia-Pacific
- Over 14,000 graduates from ADPC regional training worldwide
- Alumni network includes government officials, practitioners, development partners and media professionals



