

Strengthening landslide risk management in Myanmar and Nepal

Project Facts

October 2015 – December 2017



One of the key successes of the regional meeting under the Asian Program for Regional Capacity Enhancement for Landslide Impact Mitigation (RECLAIM) was the valuable regional network that was established. This network provides various countries with the opportunity to share experiences and knowledge on landslide hazards and early warning. Various national agencies involved have expressed their interest to continue the activities of the network.

In view of current and emerging needs of individual institutions working on landslide risk management in Myanmar and Nepal, Asian Disaster Preparedness Center, with support from the Royal Norwegian Ministry of Foreign Affairs, has answered the call to continue supporting the institutional strengthening of relevant national organizations mandated to address landslide hazards and risks in these two countries.

In close collaboration with the Norwegian Geotechnical Institute, ADPC will work together with the Department of Meteorology and Hydrology of Myanmar and the Department of Water-Induced Disaster Prevention of Nepal to build up their technical capacities to assess landslide hazards, develop and establish landslide early warning systems, and mitigate potential impacts by implementing appropriate landslide risk management strategies.



Focus countries

Myanmar and Nepal

Objectives

- Determination of critical active landslide zones in pilot sites in Myanmar and Nepal and evaluation of landslide hazard parameters using modern monitoring instruments
- Piloting and operationalization of a suitable landslide early warning systems considering local contexts and capacities
- Development of remedial measures and plans in the pilot sites including dissemination of landslide early warning information and creation of community awareness
- Peer-to-peer learning and knowledge sharing among RECLAIM network partners to improve the understanding of landslide early warning systems



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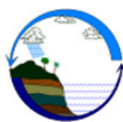


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Project activities

- Identifying active landslide zones in pilot sites based on historical evidence and conduct field investigation to assess landslide hazard parameters
- Installing landslide monitoring instruments in identified landslide zones and ensuring their continuous operation
- Developing a landslide early warning system in the pilot sites based on local conditions and community participation
- Organizing a regional experience-sharing workshop to build on RECLAIM network partnership

Project partners



Department of Meteorology and Hydrology (DMH), Myanmar
 Department of Water-Induced Disaster Prevention (DWIDP), Nepal
 Norwegian Geotechnical Institute (NGI)
 The Royal Norwegian Ministry of Foreign Affairs (financial support)



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About ADPC

As the most hazard-prone region in the world, Asia-Pacific must proactively manage its disaster risk. For nearly 30 years, Asian Disaster Preparedness Center (ADPC) has been contributing in making Asia-Pacific safer by strengthening disaster resilience at all levels.

ADPC deploys disaster risk management information and systems to reduce local, national and regional risk across Asia-Pacific. Its portfolio focuses on disaster risk management capacity building, improving disaster risk management for cities and climate change, mainstreaming DRM into national and local development, improving disaster risk management systems and undertaking disaster risk assessments. To achieve its aims in disaster risk reduction, ADPC works closely with local, national and regional governments, governmental and non-governmental organizations, donors and development partners.



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