

# Strengthening capacity for DRR technology utilization and resilience governance

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# Challenges in Institutional Capacity for DRR

- **Limited Technical Expertise:** In Lao PDR, Many institutions lack skilled personnel (DRR, responder, IT skill, etc.) both at national and sub-national level to effectively apply technology in DRR efforts. Less number of human resources is also a challenge.
- **Coordination:** Although Lao PDR have Central Disaster Management Committee, still there is vertical and horizontal coordination gap at ministerial level and among the development partners.
- **Funding Constraints:** Insufficient budget allocations to support technology and capacity-building initiatives on DRR. As country is going through the high debt and high inflation, there is resource gap on DRR financing.

# Capacity Development Needs

- **Training and Education:** There is need for training programs that equip staff with the skills necessary to use new technologies on DRR effectively.
- **Infrastructure Development:** Investment in technological infrastructure such as early warning systems, data collection tools, emergency operation centers, observational networks etc.
- **Disaster Loss and Damage Data:** Lao PDR has Lao Disaster Information (LaoDi) Management system. However, there is need to localize the LaoDi and capacity building of sub-national level staff on LaoDi management.

# Government Approaches to Address Capacity Development Needs

- **National Disaster Risk Management Framework:** The Disaster Management Law 2019, National Strategy on Disaster Risk Reduction 2021-2030, disaster risk reduction action plan (2025-2030-Ongoing) fosters capacity enhancement on DRR.
- **Drill and Simulation Programs:** Government conducts regular drill and simulation exercise at national and sub-national level for effective disaster response.
- **Public-Private Partnerships:** Lao PDR has recently brought private sectors through Lao Disaster Preparedness Partnership (LDPP). However, there is need to strengthen and mainstream private sector into the national and sub-national DRR platforms.
- **International Funding:** Lao PDR has welcoming support from international partners including UN and Non-Un agencies assisting in capacity building initiatives.

# Policy Enablers of DRR Capacity Building Efforts

- **Legislative Support:** Lao PDR Law, Policy, strategy and action plan on climate and disaster resilience facilitates favorable conditions for DRR practices.
- **Dedicated Coordination structure:** The establishment and functioning of central disaster management committee that focus on capacity building and coordination.
- **Budget Allocations:** the government of Lao PDR has contributed for limited budget for the capacity buildings on DRR at national and sub-national level.
- **International Funding:** Lao PDR has welcoming support from international partners including UN and Non-UN agencies assisting in capacity building initiatives.

# International Cooperation and Support

- **Technical Assistance:** International organizations providing technical support on DRR capacity building including emergency preparedness and response in Lao PDR.
- **Knowledge Sharing:** Programs promoting the exchange of best practices and technology experiences in ASEAN and beyond fostering improvements in the government capacities.
- **Regional Cooperation:** ASEAN/AHA center has been providing support on capacity building on DRR and emergency management.
- **EW4All Roadmap:** Lao PDR has recently endorsed **Early Warnings for All (EW4All) roadmap 2024-2027**, which emphasized the capacity building on disaster risk knowledge, forecasting and monitoring, early warnings dissemination and preparedness to response capacities.

Thank you

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