



DISASTER RISK MANAGEMENT IN VIET NAM

*Kobe, Japan
January 2024*

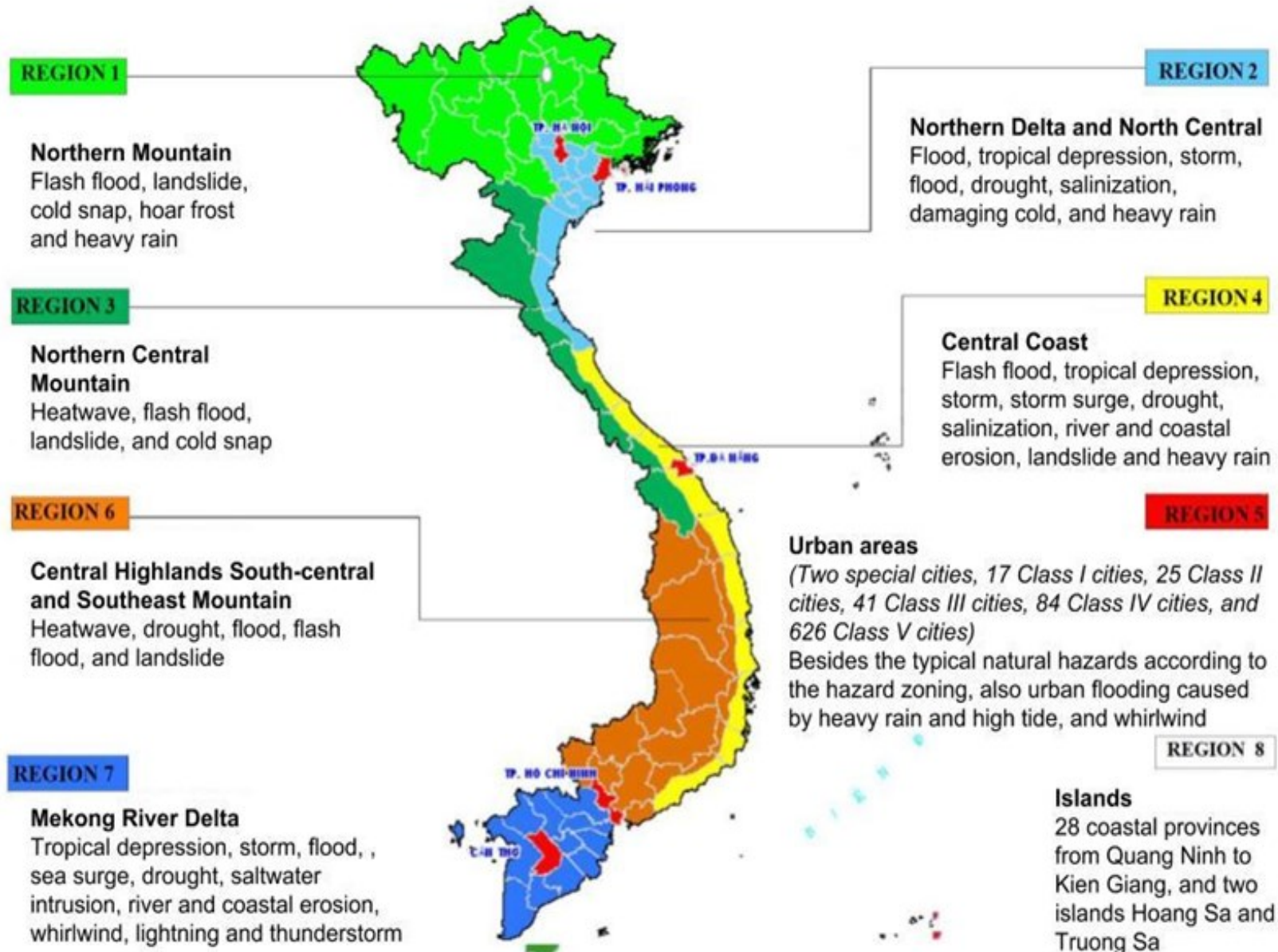


BACKGROUND INFORMATION

- Vietnam is located in **Southeastern Asia**, bordered with China, Lao PDR and Cambodia.
- **Total land area** of **33,210 km²** including 310,070 km² of land and 21,140 km² of water.
- **3 major areas:** The Red River delta to the north; a large plateau with a narrow coastal plain in the middle of the country; and the Mekong Delta in the south.
- Population: **99.2 million** (Jan 2024)
- Vietnam has both a tropical climate zone and a temperate climate zone, with all of the country experiencing the effects of the annual monsoon.

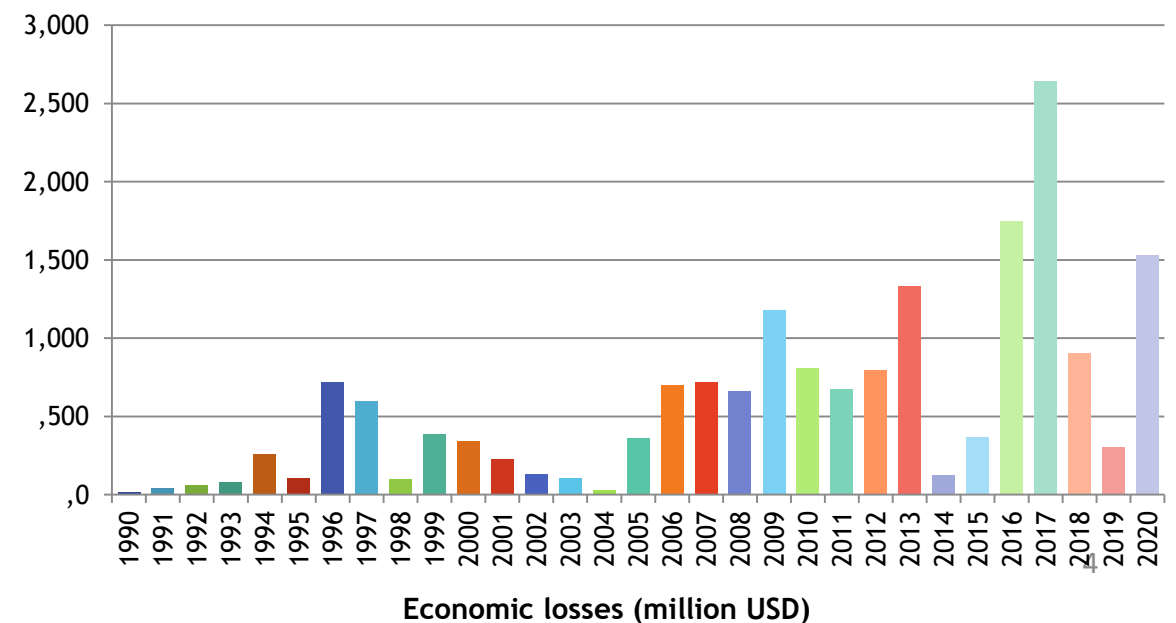
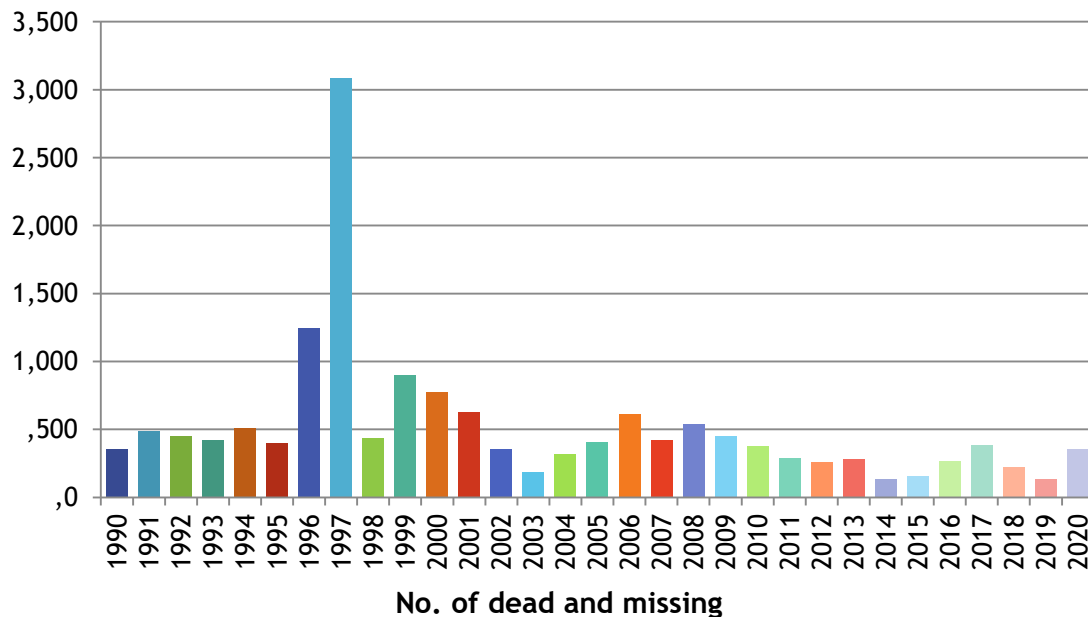


DISASTER MAPPING AND ZONING



DISASTERS IN VIETNAM

- Vietnam is one of the most hazard-prone countries in the Asia-Pacific Region. With the coastline of 3,300 km, the country is exposed to hydro-meteorological hazards such as storms, floods, landslides, drought, water intrusion and coastal erosion
- Vietnam is ranked among the five countries likely to be most affected by climate change.
- Vietnam experienced 22++ types of disaster
- 70% of the country population live in coastal communities with high exposure to storms and flooding, which climate change is intensifying
- Over the past 20 years, disasters caused 500 dead and missing persons per year, and an economic loss to the GDP is about 1÷1.5%



KEY DISASTER EVENTS

1999 Central Viet Nam Flood

- 622 deaths, 70 missings
- a need for relief assistance for over 1 million people
- 15,000 people evacuated



November 2017 – Typhoon Damrey

Central of Vietnam affected

- 4.3 million people affected
- 107 deaths
- 3,400 houses destroyed
- 141,100 houses damaged



KEY DISASTER EVENTS

August 2020 Floods and Landslides

- 13 provinces and cities in northern Vietnam impacted
 - 08 deaths and missings
 - 1,000 damaged houses
 - 2,000 hectares of rice and crop destroyed



October to November 2020 – Central Viet Nam Floods

- 357 deaths and missings
- severely affecting 1.5 million people
- 500,000 houses damaged
- 144,000 ha of rice paddies destroyed
- 787 km of dykes and canals damaged
- 272 km of coastline eroded
- Total economic damage worth US\$1,443,850



INSTITUTIONAL ARRANGEMENTS FOR DRM

- **The Law on Disaster Prevention and Control 2020** (previously 2013)
- Under law documents

Legal Basis for
DRM in Viet Nam



- The **Sendai Framework** for Disaster Risk Reduction 2015-2030
- The ASEAN Agreement on Disaster Management and Emergency Response (**AADMER**)
- APEC Emergency Preparedness Working Group (**EPWG**)

Global Legal
Basis



KEY TASKS ON DISASTER RISK MANAGEMENT IN VIET NAM



Implement the direction of the Party, Government on DMR in consistent, effective and efficient manners



Consolidate the legal system and policies on disaster risk management



Enhance the capacity of natural disaster forecasting, warning, and monitoring in a timely and reliable manner

KEY TASKS



Mobilize resources and efficiently use for DRM



Enhance the role and capacity of state management on DRM



Promote science and technology and international cooperation on disaster risk management

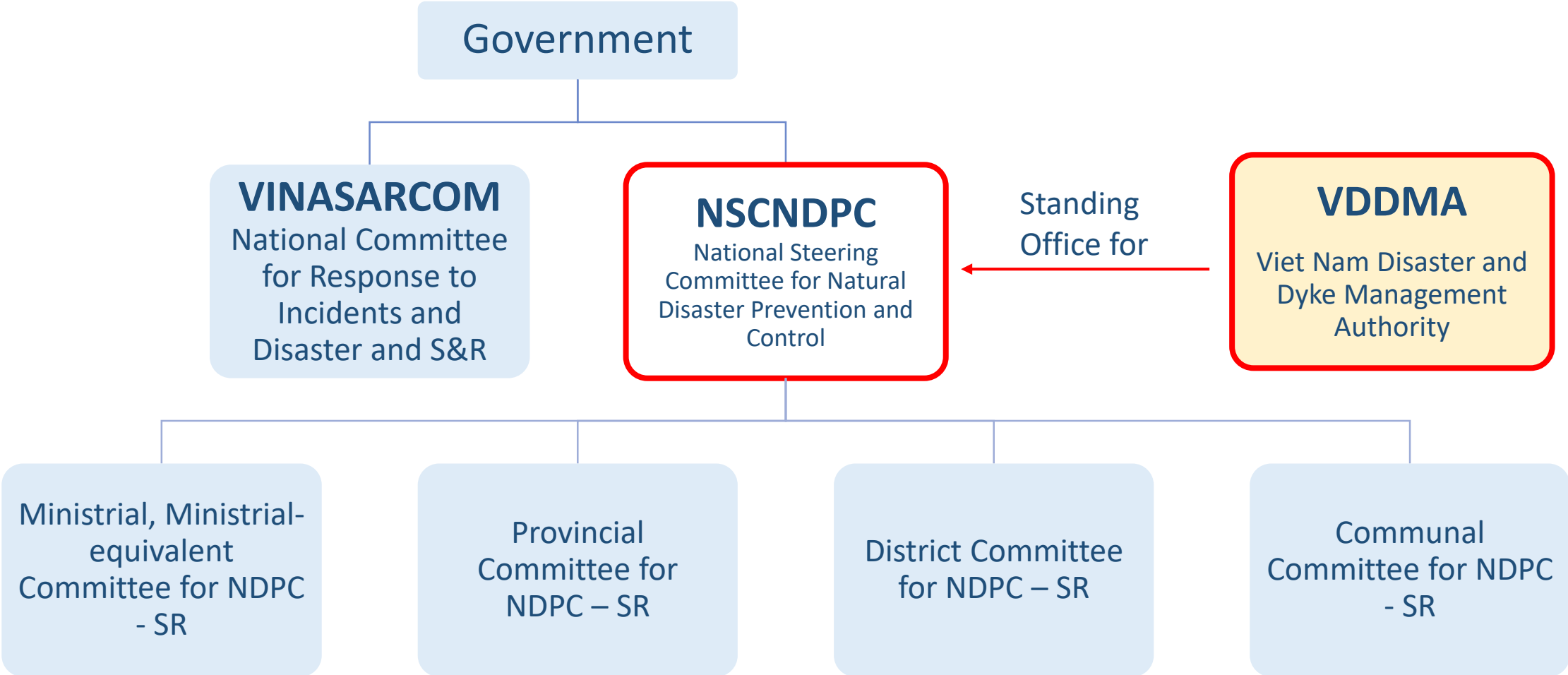
NATIONAL STRATEGY on natural disaster prevention and control

- For a period of 10 year: to 2030, vision to 2050

NATIONAL PLAN on natural disaster prevention and control

- For a period of 5 years: from 2021 – 2025
- Centrally to locally (province, district, commune level)

VIET NAM DRM ORGANIZATIONAL STRUCTURE





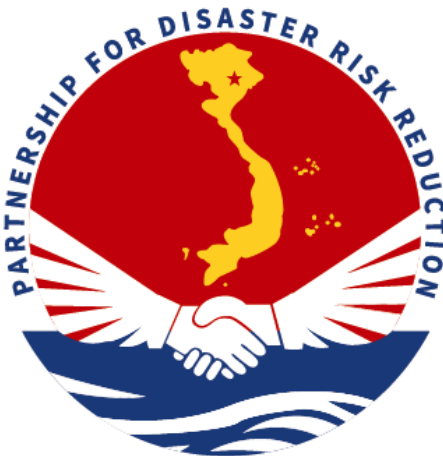
INTERNATIONAL COOPERATION IN DRM



Women get access to and are improved with DRR knowledge



5,000 resilient houses



Tens of thousands of children are provided with DRR knowledge and skills



Hundreds of tons of relief goods



>50,000 people /1,000 communes with DRR knowledge are raised

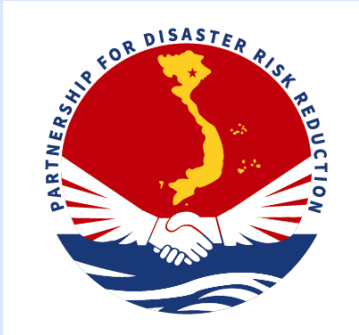


Commune-based First disaster responders support community in preparedness and proactive response to natural disasters



Livelihood models

DISASTER RISK REDUCTION PARTNERSHIP



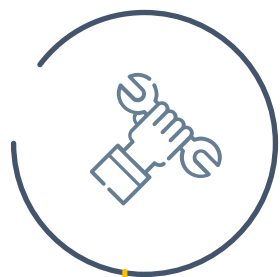
BỘ QUỐC PHÒNG



BỘ CÔNG THƯƠNG



DISASTER RISK REDUCTION PARTNERSHIP



Established on October 11, 2019, approved by the Minister of Agriculture and Rural Development

Co-chair by MARD vice Minister and ADB Director (2019-2022)/UN Resident Coordinator in Viet Nam (2023-present)

- 22 NGOs and iNGOs

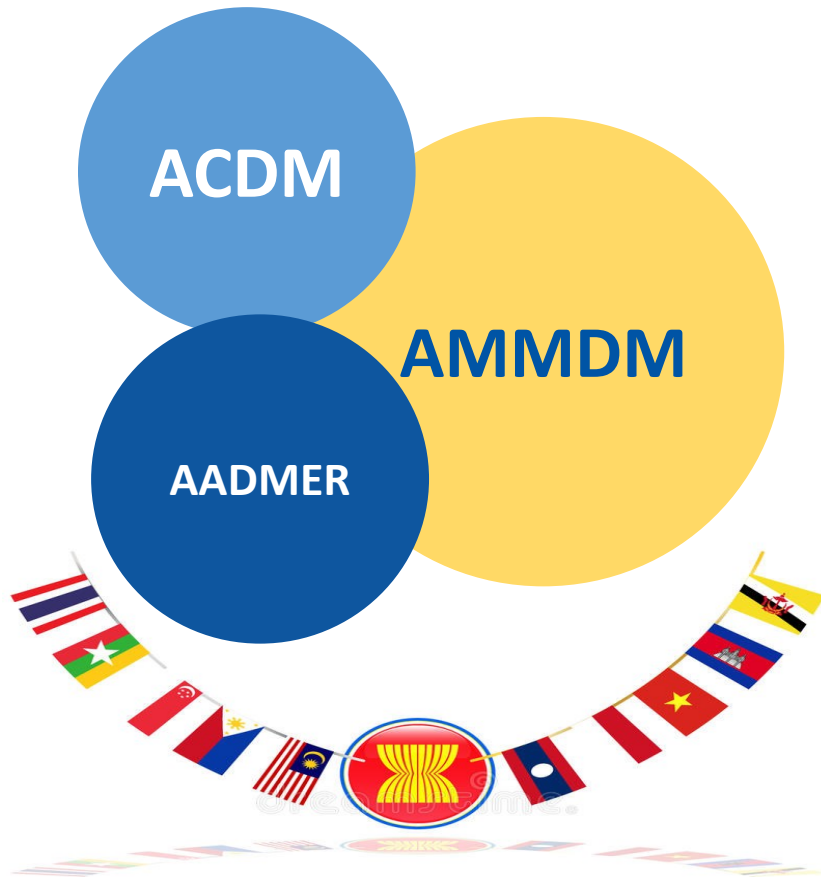
- 4 Ministries

07 Technical infrastructure projects have been and are being implemented

03 Technical infrastructure projects are about to come into operation



DRM COOPERATION AMONG ASEAN



INFORMATION FOR SHARING



Website

www.phongchongthientai.mard.gov.vn



Facebook pages

- Natural disaster prevention and control information
- World natural disaster



RESEARCH THEME

Topic:

Development of Disaster Risk Reduction Plan in Vietnam – Lessons learnt from Japan

Expected Results:

- An overview picture of Disaster Risk Management system and Disaster Risk Reduction Plan in Japan
- The experiences and lesson learn from Japan experience
- How Vietnam develop the comprehensive local disaster risk reduction plan to enhance its resilience to natural disasters

How it apply in Vietnam:

- Adapting Japan's strategies to Vietnam's context: Vietnam can learn from Japan's experience in understanding disaster risks, strengthening disaster risk governance, investing in disaster risk reduction for resilience, and enhancing disaster preparedness for effective response.
- Developing a comprehensive disaster risk reduction plan
- Strengthening community-based disaster risk management
- Enhancing cooperation and coordination



Thank you very much!

ADRC visiting researcher 2023

Vu Thuy Duong

Department of Science Technology and International Cooperation

Viet Nam Disaster and Dyke Management Authority