

ASSESSMENT OF ACHIEVEMENTS DURING THE DECADE

Information on Provider

Name: MR. SIN SINSAKUL, MR. APICHIARD LUMTUAN

Position: Senior Geologist

Organisation: Environmental Geology Section

Address: Geological Survey Division, Department of Mineral Resources, Rama 6 Road,

State/Province: Bangkok

Zip/Post Code: 10400

Country: THAILAND

Phone Number: 2023752-3

Fax Number: 2023753

Email: -

Webpage: -

Experience and Recent Disasters (Part 1)

1. Please provide a list of major disasters your country has experienced during the past five (5) years.

- | | |
|--------------------|-------------------|
| 1 Flooding | 5 Coastal erosion |
| 2 Tropical cyclone | 6 Earthquake |
| 3 Land subsidence | |
| 4 Karst collapse | |

1.2. What were the impacts of the above listed disasters?(i.e direct damage to assets vs. long-term damage to the local economy, health, etc) Flooding and tropical cyclone are the main disaster that damage to assets, local economy and health. Earthquake in Thailand is seldom, felt in north and west of the country and caused few damage to assets. Coastal erosion, land subsidence and karst collapse are long term damage to local economy and assets.

1.3. Which measures were taken to reduce the impact of the disaster? What measures will be taken to avoid impacts of future disasters? Protection measures: - Meteorological forecasting and warning, structural measures, relocations, and organization management, (Disaster Relief and Rehabilitation Civil Defence Division). For the future measurement, long term construction plan for protection structure, relevant policies and legislation to reduce the disaster must be establish.

1.4. Do you believe there can be improvements in preparing for natural hazards in your country and in preventing negative impacts of such hazards? What sort of improvements? Actually, the measures mentioned above can be improvement for short term and small scale disaster. Sort of improvements: Institutional arrangement on natural hazard, strengthen the environmental education and create awareness on the importance of environments related to disaster.

1.5. Do you believe the IDNDR helped your country to give greater attention to disaster reduction?
 Yes No Explain: Natural hazards map will be a guideline for the government to give greater attention to disaster reduction.

1.6. Please provide an example(s) an achievement (s) incorporating successful preventive approaches which you consider a "success story"

Progress made, since the inception of IDNDR, in the field of disaster reduction as a component of development planning and risk management (Part 2)

1. Please provide a brief statement of national accomplishment and/or describe current activities related to the achievement of the IDNDR Programme Targets:

) Comprehensive national assessment of risks. If an assessment exists, is it published or codified?.....
Currently, no national development planning and risk management concern with the inception IDNDR.

) Structured mitigation plans. Do documented comprehensive national disaster management plans exist? Plans national, provincial and local levels, if available, will be useful to describe the progress.....

) Ready access to global, regional, national and local early warning systems. Can you provide examples of early warning practices and demonstrated successes?.....
Actually, meteorological department has to improve the network to forecast flood disaster region.

2. What obstacles do you face which prevent the accomplishment of the Decade targets? What are your recommendations to best overcome these obstacles?.....

Obstacles-lack of enforcement and capacity building.

Recommendation - Implementation of modern technique monitoring and warning system

2.3. To what extent have you established and implemented educational and information programmes aimed at generating public awareness? What methods of information dissemination have been utilized?.....

Poster and paper presentation.

2.4. Have you liaised with policy makers and major groups, such as local authorities, NGOs, and the media, in order to ensure support for and effectiveness of disaster reduction programmes? Please describe your activities.....
Implemented the geologic information to policy maker, planner and local government in order to plan for disaster reduction.

2.5. To what extent have you worked with other sectors in incorporating disaster reduction activities into their planning (i.e. insurance, banking, private sector and development agencies)?.....

Provided geohazard data based on the needs of private sector and development agencies.

6. The Decade provides an international arena for information exchange as well as an extensive international network of partners, how have these inputs contributed to achieving the goals of the Decade?

Regional/Subregional Achievements based on national perspectives (Part 3)

1. Please describe important achievements in your region/subregion on disaster preparedness and reduction since the inception of the IDNDR. No activity with IDNDR.

2. Do you take part in any regional/subregional mechanism on disaster reduction? If yes, what type of mechanism is it and is there any linkage to IDNDR? Please describe.

Regional cooperating programme in the "Eastern Asia Natural Hazards Mapping Project" (EANHP). The project need to mitigate the natural disaster that related to environmental change, and aim to compile small-scaled (1:5,000,000) natural hazard map of Eastern Asia countries.

3. Have you participated in any regional/subregional events related to IDNDR? If yes, what are the benefits obtained from these events? - No, never.

4. Is there any need to further strengthen regional/subregional cooperation in disaster preparedness and reduction? If yes, please explain.....

Structures in Place (Part 4)

1. Is there a designated government authority for disaster reduction activities? If yes, is this authority's commitment to prevention embodied in the government structure, priorities, budget and legislation?

There is Disaster Relief and Rehabilitation Civil Defence Division, Department of Local Administration, Ministry of Interior.

2. Have budget lines for disaster reduction and preventive activities been made available in your government's budget?

3. Have legislative authorities (national, state or local level) established legal frameworks for the implementation of disaster mitigation measures (i.e. land-use planning, water and forest management, building codes)? Yes, there are.

4. Have academic institutions and professional schools in disciplines such as engineering, geology, agriculture, architecture, urban planning, business or public administration incorporated in their curricula applicable disaster-reduction concepts and measures? Please provide examples.

Geological Survey Division of The Department of Mineral Resources create awareness on the importance of geological science in coastal zone management and natural hazards.

5. Have networks been build in order to aid in the transfer and application of existing knowledge and technology, information dissemination and international collaboration? Please briefly describe.

6. Who are your principal working partners? Do they represent an interdisciplinary approach to disaster reduction?

- Geologists.

- Yes, they did.

Future Requirements (Part 5)

1. Given your experience since the inception of the Decade and the new challenges of disasters in the 21st century, please provide comments as to what you believe are the necessary future requirements needed to successfully carry disaster reduction activities into the 21st century. Listed below are some criteria for your consideration:

- international mechanism for coordination
- budgetary commitments
- policy commitment
- network building
- information dissemination
- communication tools
- local authorities

- links to economic and social development programmes, environmental protection and sustainable development

- International organizations should play a role in supporting science and technology relevant to environmental protection and sustainable development.

- Establish a central data and information that should be accessible to regional users and planning process.

- Cross-sectoral coordination through networking among districts, provinces and regional.

5.2. Please identify priorities in international cooperation, such as the establishment of regional/subregional warning systems, disaster preparedness, technology transfer, financial resources, technical assistance, etc. which deem pertinent in order to sustain disaster reduction activities in the future.

Technology transfer and disaster preparedness.

5.3. What sort of national or international measures would you like to be put in place in the 21st century?

- Warning system.

- Protection measures and monitoring.