

Risk-Informed Governance and Innovative Technology for DRR and Resilience

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Preamble

Overarching Framework: **Sendai Framework**

1. **Understanding disaster risk**
2. **Strengthening disaster risk governance to manage disaster risk**
3. **Investing in disaster risk reduction for resilience**
4. **Enhancing disaster preparedness for effective response and to “Build Back Better” in recovery, rehabilitation and reconstruction**

new media such as social media, big data and mobile phone networks (all of this types of media was also mentioned in Sendai framework) enhanced and improved the impact of local communication or normal communication

DATA: 1) Strength of youth 2) Possibility of decentralization

Objective

Priority for Action

Leave no one behind

→ Participatory risk-informed governance

#1 Preparation

#2 How to utilize the “golden hour”

#3 Handle the aftermath

Implementation

Before: Preparation

Tripartite relationship [government, local people, civil society]

- check & balance, distinctive solutions

Participatory governance

- community-based (professionals + youth)
- people-standard approach

Youth Profiling

- create database on youth volunteers and organizations
- ensure all categories of youth are equally represented and engaged in DRR

Youth Professionals

- the Young Scientist Platform on DRR: support young researchers
- youth mentoring program (young generation survivors training to support evacuation processes)

How to utilize golden hour: Assessing Disaster

Data mapping (youth group)

- computer program for reporting data through SNS in locals + crowdsourcing
- monitoring fake news through participatory reporting
- focusing on how to monitor the damage from the disaster
- making youth as data focal point

ex) Fiji drone educating program

ex) Indonesia “Sky Volunteers” using drones for aerial risk assessment

Recovery: the Aftermath of Disaster

- **Insurance**

making budget and finance to deal with disaster

register international insurance (ex. MIGA)

consultative body to decide insurance rate: constituted of diverse stakeholders including YOUTH

→ reach vulnerable groups as well

- **Youth Network with youth professionals**

ex) Technology developed by youth in Vietnam

ex) Scout in Tunisia (youth network for recovery of disaster)