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1

Vicious Circle in developing countries



2

Disasters Situation in Vietnam

Natural disaster damage

People died: 800/year

People injured: thousands/year

Loss of properties: 30 billion JPY/year

(0,7% GDP of Vietnam)

3

Disasters Situation in Vietnam

Natural disasters:

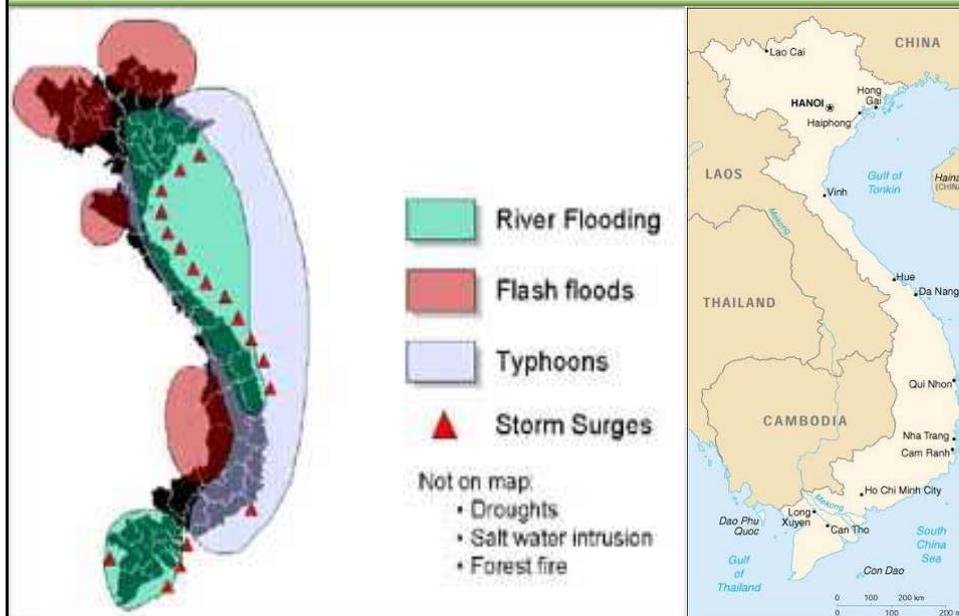
Flood, typhoon, flashflood, drought

Man-made disasters:

Fire, traffic accident



Natural Disasters Situation in Vietnam



Lessons learned from Japan

Before disaster

- Planning
- Education (school, museum, media...)
- Insurance (earthquake, agriculture...)

During disaster

- Warning system is frequently

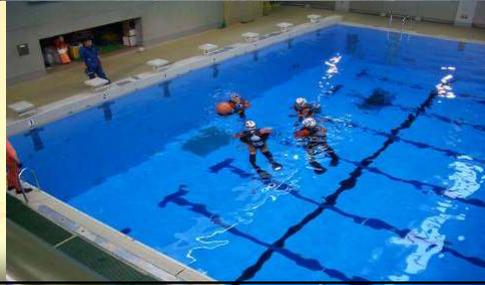
After-disaster

- Rescue team, Relief team (professional)
- Rehabilitation very fast

Lessons learned from Japan



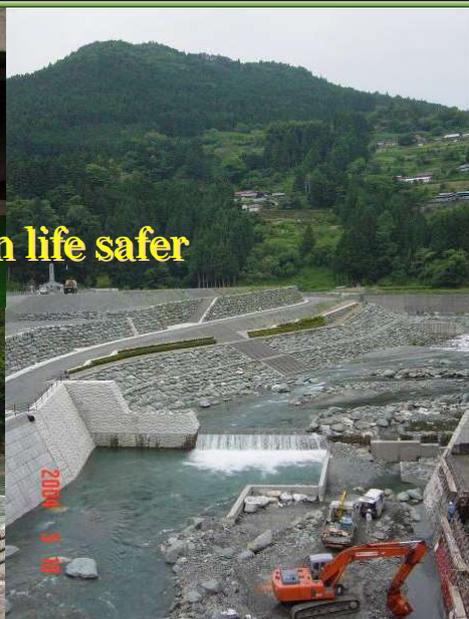
Well prepare before disaster



Lessons learned from Japan



Make human life safer



Lessons learned from Japan

Protect the cultural and historical constructions for the next generations



Action plan in Vietnam

1. Sabo works

Advantage: Prevent debris flows

Protect soil

Not so expensive

Presentation of Sabo work

Apply for mountainous regions



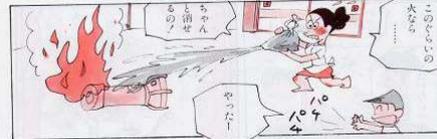
Action plan in Vietnam

2. Education

Starting from the primary and junior level



You should always have a fire extinguisher at hand in case of emergency!
First-aid firefighting, eh?



I can put out such a fire easily!
Bravo! Clapping



Mama made this water bag so you can carry it easily. Really?
Even the water in a fish bowl will work in case of emergency.



Don't inhale smoke!
The next most dangerous thing in case of fire is smoke.
Smoke?



That's right. Take them upstairs. OK.



We keep water bags in each room like this!



That's it! You had better always practice to see how far you can run without breathing

(6)

(8)

Action plan in Vietnam

3. Shelter

Advantage: Use available constructions

Protect the youngsters

Apply in Vietnam easily



Disasters Management in Vietnam

1. Laws and policies
2. Structural Measures
3. Non-structural Measures
4. Disaster Relief and Rescue
5. Rehabilitation

13

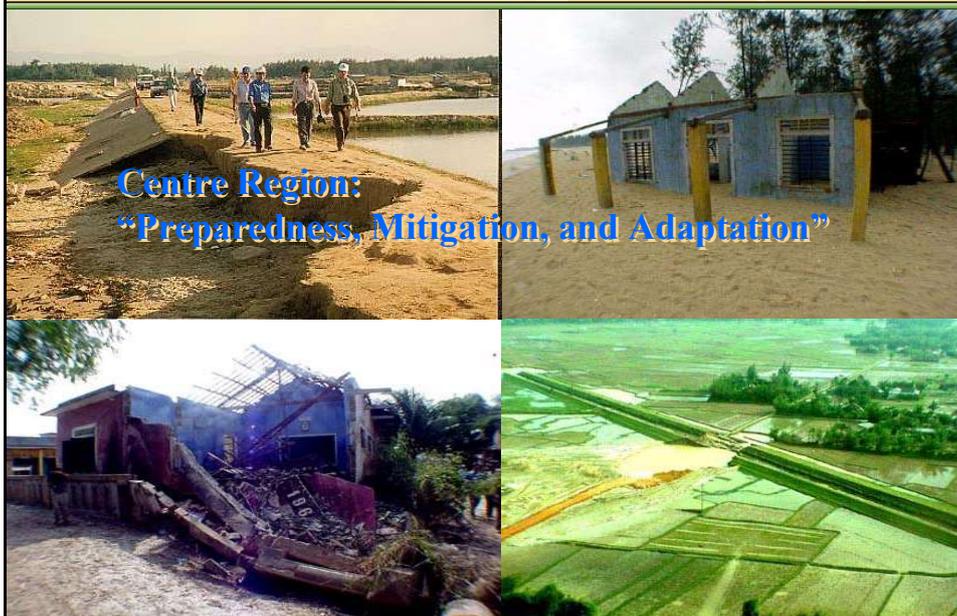
Disasters Management in Vietnam



Disasters Management in Vietnam

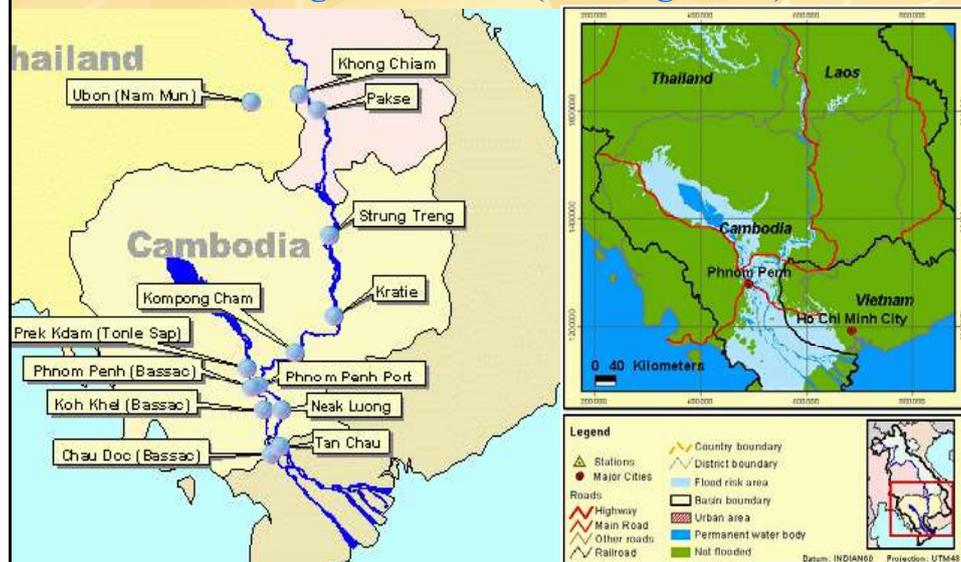


Disasters Management in Vietnam



Disasters Management in Vietnam

Cuu Long River Delta (Mekong River):



Disasters Management in Vietnam

To decrease the dead tolls in Cuu Long River Delta

- Teach for the children swimming
- Develop kidder garden in flood prone area
- Built the new resettlements (safe areas)

Disasters Management in Vietnam

“Living With Flood”



Make Vietnam have safer life with natural hazard



**Thank you very much
for your attention!**

ARIGATOU GOZAIMASU !

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