

CONCLUDING REPORT

Road map toward effective flood hazard mapping in Lao People Democratic Republic

**JICA regional focused training course on flood hazard mapping
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1. Which parts of the curriculum were most impressive/insightful/relevant to you ?

All curriculums were very impressive and insightful for me. Some of them were provided very useful information in term of knowledge base/concept/theory and practical use. However, the most impressive and insightful for me is Town-Watching and prepare flood hazard map, exercise, field trip and all information from lecture and discussion.

2. What do you think your country or organization need to do for effective flood disaster mitigation ?

Based on the “Water and Water Resource Law” the Ministry of Communication, Transport, Post and Construction responsible for flood protection in the urban/city areas. The Waterways Administration Division under Department of Roads has been carried out non-structural mitigation measures (data collection for flood forecasting and warning) and structure measures (construction of flood protection dike, installed of pumping station and build of flood release canal) for mitigating of disasters with very limited of budget, inaccurate data, low technique and inexperienced staff. However, the effective flood disaster mitigation stills the main goal of the national strategic plan for natural disaster prevention management.

3. What action are you going to take after going back to your country ? List the action will be possible within the time frame below:

- **Within ONE year**
 - Capacity building/human resource development
 - Proposal for setting up Flood Hazard Map Unit,
 - Data collection (historical of past flood, hydrology, topography, dike condition, pumping station condition, drainage system, water gate),
 - Map verification,
 - Town-Watching,
 - Identify inundation areas

- **As short, mid and long term projects**
 - Training, researching,
 - Fund seeking,
 - Flood hazard map producing,
 - Dissemination and use of flood hazard map,
 - Monitoring, updating and evaluation of the Maps.
- **Before the next training participants from your country come to Japan.**
 - Orientation workshop
 - Training for next participant
 - Prepare progress report of one-year activities.

4. What advice/suggestion can you provide for more effective flood management in Japan ?

Japan suffered serious natural disaster e.g. typhoon, flood, earthquake, volcanic eruption, tsunami, landslide etc. Government of Japan not just response/solving their internal problem but also helping all of the World that facing the same problems. The flood management in Japan has been started long time ago with non-structural mitigation measures and structural measures with high technology, huge budget and manpower. I do not have any advice or suggestion for more effective flood management in Japan it was so good only small feeling that some countermeasures cannot apply for such very poor countries e.g. super levee, artificial river, operation room, flood fighting corps and etc.

5. What advice/suggestion can you provide for a more meaningful training course ?

For more than three weeks training course with 17 subjects, 2 exercises, 1 field survey, one field trip and 2 times presentation it seem too short time for me even though I had studied some of this subject before. Some days we have to follow up from 4 to 5 subjects with totally new concept for us. For training course has more meaningful lecturer should give mark for each participant base on question response, exercise and group work presentation. Concerning to flood hazard mapping the Course should have one completed example (criteria, standard...) where participant can compare with their own flood hazard map after group work presentation and give detail comment on each Group what they have done correctly and what mistake need to improve (evaluation, analysis, assessment).

For the administration view I have found out that we start class quite late, then spent some time for transport and consume lot of time for translation. Due to limit of time many lecturers has ran to finish their subject, many slides just show up only with out detail explanation. Participant faced with language problem so mad training could not reach the highest goal. If supervisor can solve these problem will make course more meaningful.

However, this training course provided me a good chance to know more about Japan, Japanese people and learn a lot how to make flood hazard map and use it effectively.