

**Roadmap toward Effective Flood Hazard Mapping**  
**In**  
**Bangkok Thailand**

**JICA region focused training course on flood hazard mapping**

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**Prepared by Mrs.Pacharee Ongchotiyakul**

**CIVIL ENGINEER, DEPARTMENT OF DRAINAGE AND SEWERAGE  
THAILAND**

## **Roadmap toward Effective Flood Hazard Mapping**

**In**

**Bangkok Thailand**

**Name** Ms.Pacharee Ongchotiyakul

**Organization** Department of Drainage and Sewerage;  
Bangkok Metropolitan Administration

**Address** Department of Drainage and Sewerage, BMA HALL 2, Mitmaitri Rd.,  
Dindaeng, Bangkok 10400

**E-mail** [pacharee\\_o@yahoo.com](mailto:pacharee_o@yahoo.com)

### **The most impressive curriculum**

In my opinion, the insightful curriculums are Field Survey and Field Trip. In Field Survey, I get more information about how to make flood hazard map. In Field Trip, I get more information about flood control center that is the main part of flood forecast system.

### **The effective flood disaster mitigation**

My department needs to make flood risk map as a decision tool for flood management. Since Bangkok is a plain area affected by high tide, it usually floods after rain. The best way is to know where the weak point is and try to reduce the inundation depth and time. Flood risk map and past inundation map will give some information for how to operate and in case of limited budget it will help to plan and order the priority of construction project.

## **The flood hazardous mapping plan**

### Short and middle term

Flood Forecasting in East Bangkok Project will be passed from the consultant company to BMA within this year. After that we will calibrate until we get the adequate accuracy of flood risk map.

Next step we will set up flood forecasting system in West Bangkok.

### Long term

Finally, we will cooperate with other organizations and find the best way to distribute flood hazard map to people. Since there are many organization involved in Flood Management in Bangkok and Lower Chao Phraya Basin, it is not clear that who is responsible for public relation.

## **The suggestions for flood management in Japan**

From Field Trip, I think flood management in Japan is very perfect because it concludes both structural measure and non-structural measure. Flood Forecasting System is the most important because it will reduce the damage from flood. It is the best tool for warning and preparing for flood fighting.

## **The suggestions for training course**

My suggestion is this training course has a little part and short time for practicing and making flood hazard map. The most time is listening to the lecturer. The best thing we can get from the lecturer is their experience but it is look like we see pass the blur mirror. We cannot see the clear view like we learning by practicing and Field Trip.

I think it will be better if we have longer time than this. We will have more time for practicing and making flood hazard map since how to analyze, how to make expected inundation map, how to make flood hazard map from expected inundation map and past inundation map.

The cold weather is the problem when we are in field trip and surveying trip. If the training course could be arranged on the other season, it will be better.