

# **Regional siminar on Flood Hazard Mapping From 7<sup>th</sup> to 9<sup>th</sup> 2007**

## **FLOOD HAZARD MAPPING IN CAMBODIA**

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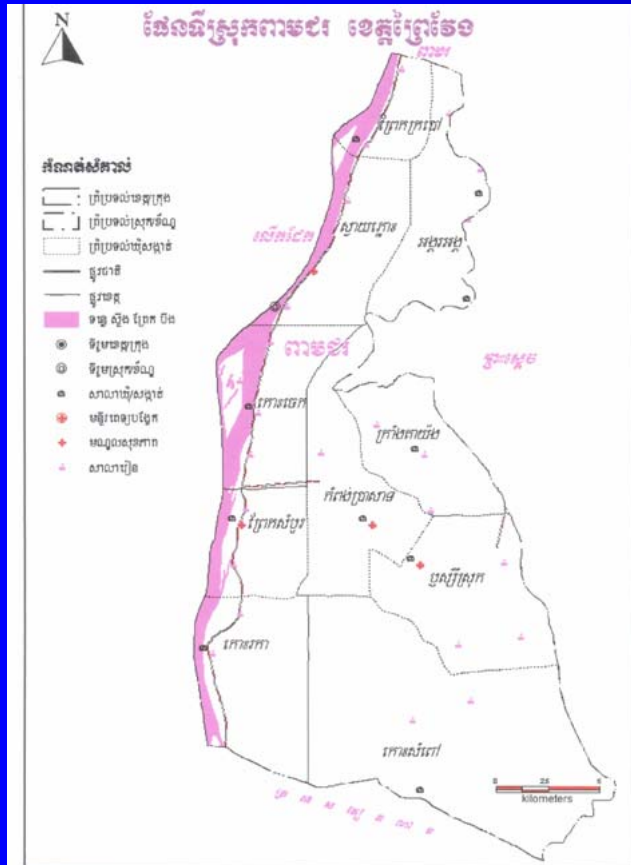
***I. Introduction***

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Cambodia***

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# Introduction



Peam Chor district is located in southern part of Prey Veng province , 52km along the Mekong river and Toch river and have many creeks flow through to this area.

## Introduction cont

So it is a vulnerable area from Mekong river and Toch river especially the serious flood in year 2000 - 2001, such as the impact of flood in year 2000 have 11,286 families was affected by flood ,12 persons and 246 animals was killed.

# Activities

- Select Peam Chor district
- Data Collection
  - Water level
  - Total area 39,497.35 ha,  
Agriculture land = 23,000ha  
Forest and lake =11,388.35ha,  
Construction land 5,109 ha
  - Elevation at pilot site

# Activities



- Interview with people
  - about every year flood (depth of flood)
  - The way for they evacuated to safety place

# Activities

- the population 63,674 persons
- Number of village and commune  
(10 communes , 50 villages)
- Number of school = 13 , hospital = 4 and  
pagoda = 18
- Evacuate equipments £
  - = Motorbikes =1536 sets
  - = Carts =2050
  - = Boats =1532,
  - = Engine boats=1390

# Activities

- Communication equipment
  - = Hand phone
  - = Radio communication
  - = Loud speaker



# Activities

- Install flood mark (9 Stations)
- Make flood forecast bulletin
- Disseminate Flood forecasting every day

# Activities



Established  
information board  
(disseminate flood  
forecasting)

# Problem

- problem that might be faced on process of developing Flood Hazard Map in Peam Chor :
  - Insufficient data (hydro data and topographic, DEM, Air photo data)
  - Have no soft ware for running Model (Ex, HEC RAS )
  - is limited on GIS program

# Conclusion/ recommendation

- Peamchor district is affected flood from Mekong River every year, but many families did not evacuate because they have experience to live in the flood.
- Even though they have experience with the flood, but the casualties occur almost every year.

# Conclusion/ recommendation

- So the FHM is very importance to them.
- We need more data
- Software for running Model
- training on GIS program



Thank you for your attention

