

- October 2009, “GIS and Satellite Data for Asia” workshop hosted by ADB and CSTP
- Jan-June, 2010, Field survey in Bangladesh, Vietnam and Phillipines
- July 2010, Presidents of ADB and JAXA concluded LOI (Letter of Intent) , at ADB HQ  
(Potential Cooperative Fields)
  - Disaster management
  - Climate change adaptation
  - Water resources management
  - Forest monitoring
- Cooperation for Pakistan disaster damage assessment is ongoing
- Technical Assistance project for the three countries is to start in 2011

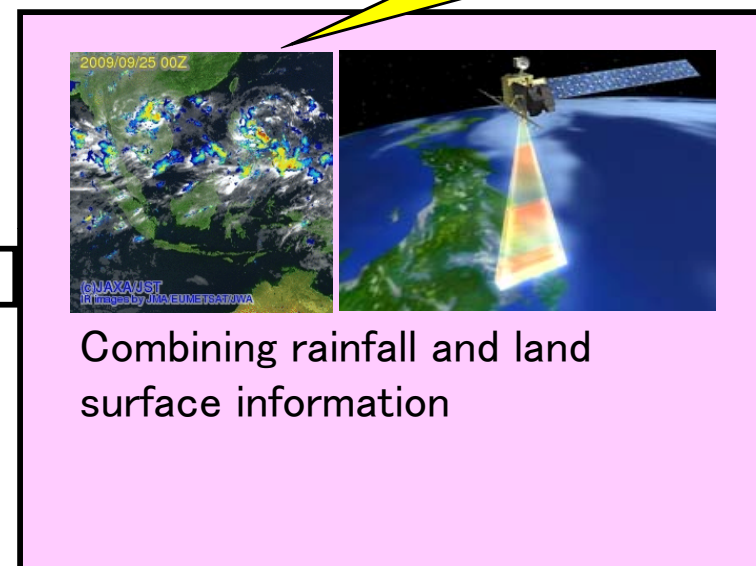
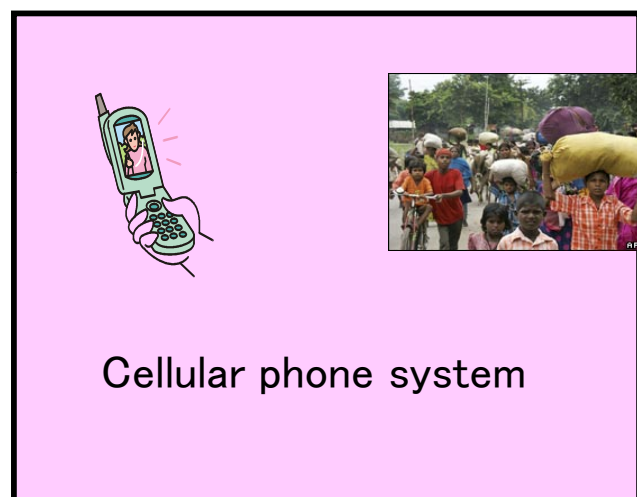


(Credit: Asian Development Bank)

# Flood Warning System Improvement planned by Asian Development Bank

Participating countries  
Bangladesh, the Philippines, and Vietnam

JAXA contributes  
using space  
technology



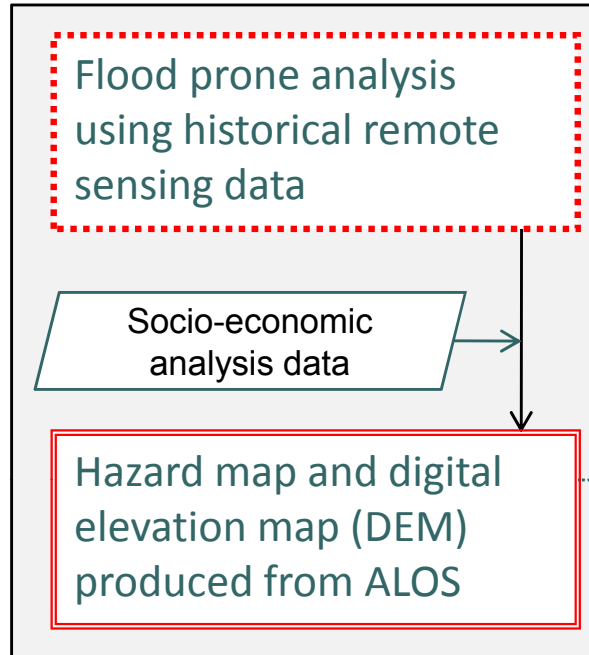
## Project Target

- Advanced flood warning from 3 days to 5 days
- Warning information delivered directly to the people
- Capacity Building.

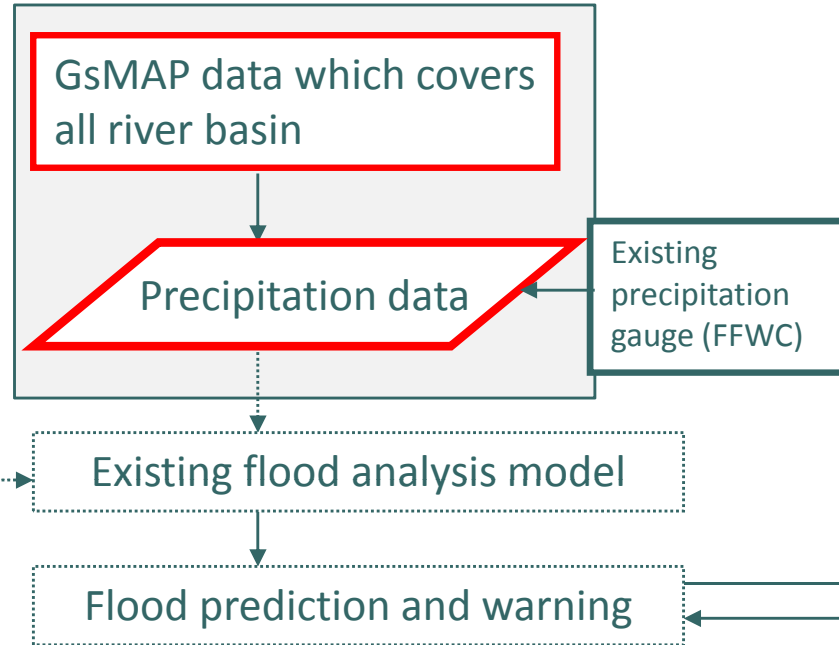
# Bangladesh in-country component: 2<sup>nd</sup> year

## 1. Application methodology

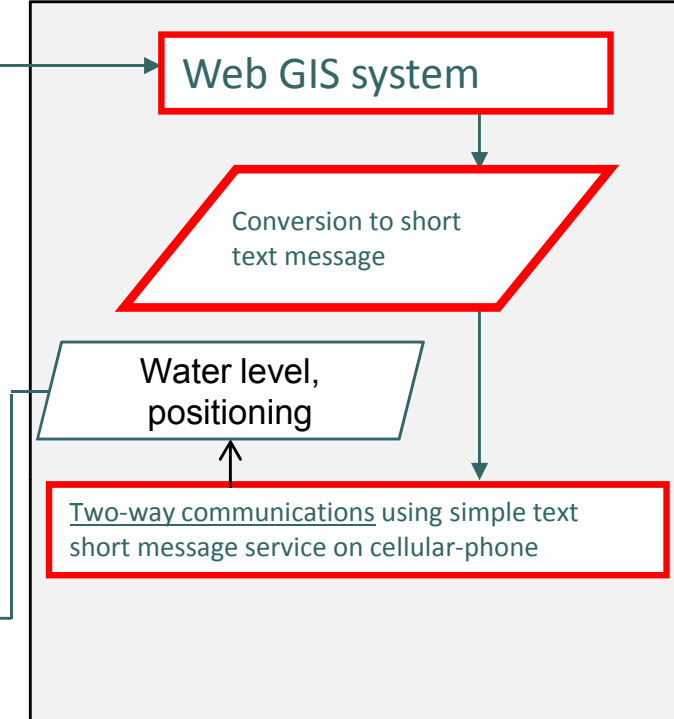
### Hazard Mapping



### Applying Satellite Data to Flood Prediction



### Warning dissemination & disaster monitoring



## 2. Strategy and Programs

- Proposal of the investment plan (ex. Program for investment of communication towers)

## 3. Capacity Development

- Training on flood hazard map, land use and land classification map generation
- Training on effective use of WebGIS system.
- Workshop on development of communication for water-related disaster prevention

- R-CDTA 7276: Supporting Investments in Water-Related Disaster Management (ongoing)
- Recommendation for improvement of early warning system
- Capacity development of engineers

# Some Thoughts about AWCI Capacity Building



- Capacity Building program supports AWCI demonstration projects
- AWCI has internal resources; experts in various fields, practitioners, policy makers and sometimes limited financial resources
- Some AWCI participating agencies have their own CB program
- CB inventory has been developed by UNU
- Meeting opportunities (twice plenary level meetings a year at least)
- Suggestions;
  - seminar (one or two days) on specific subject
  - training course (three to five days) on end-to-end solution providing

