

A draft implementation plan for the 2nd stage of AWCI- Vietnam

*Presentation at 9th AWCI Coordination Group (AWCI ICG)
and the 5th GEOSS Asia-Pacific Symposium*

Tokyo, Japan, 2 – 4 April, 2012



National Centre for Hydro-Meteorological
Forecasting (NCHMF), HMS of Vietnam

Tokyo, 3 April 2012
Dr.Dang Ngoc Tinh

Remark

- Vietnam is the one of most countries affected by climate change
- Exists the National Target Program (NTP) to respond to climate change and adaptation, but there are limitations in financial and human resources for this program implementation
- We need national coordination from government by concrete rules or law for water resources use, management and sharing; establish reservoir operation rules for flood and dry seasons; international or bilateral data cooperation and sharing for trans-boundary river basins.

Remark

For Vietnam, there are 3 proposals (2012-2014):

1. Urban Flood Risk Management considering impact of climate change, lead by Typhoon Committee
2. Proposed Regional Capacity Development Technical Assistance (R-CDTA) for Applying Remote Sensing Technology in River Basin Management for Philippines, Bangladesh, Viet Nam with ADB and JAXA
3. Comparative study on monitoring scheme of river water quality taken in consideration of water balance among different watersheds in Asia, lead by Prof. Hiroaki FURUMAI, UT

Implementation Plan - Urban Flood Risk Management

Budget estimates: Total budget 650 000 €, from which 325 000 € are provided as the grant from Nordic Development Fund via DHI as the grantee

Implementation Plan:

1. Site survey and drainage system data collection

- Duration: 9 months
- Start: at the Project start (June 2012)

2. Generating Flood Risk Maps for inner Ha Noi

- Duration: 6 months
- Start: 7 months after the Project start
- End: 13 months after the Project start

3. Acquisition of Software and Training

- Duration: 2 months
- Start: at the Project start
- End: 2 months after the Project start

4. Establishment of the monitoring system

- Duration: 5 months
- Start: 2 months after the Project start
- End: 7 months after the Project start

Implementation Plan - Urban Flood Risk Management

5. Implementation of the operational early warning and inundation forecasting system

- Duration: 12 months
- Start: 3 months after the Project start
- End: 15 months after the Project start

6. Training of NHMS personnel and MONRE/NHMS study tour

- Duration: 6 months
- Start: 3 months after the Project start
- End: 9 months after the Project start

7. Demonstration of the effectiveness of the systems and procedures

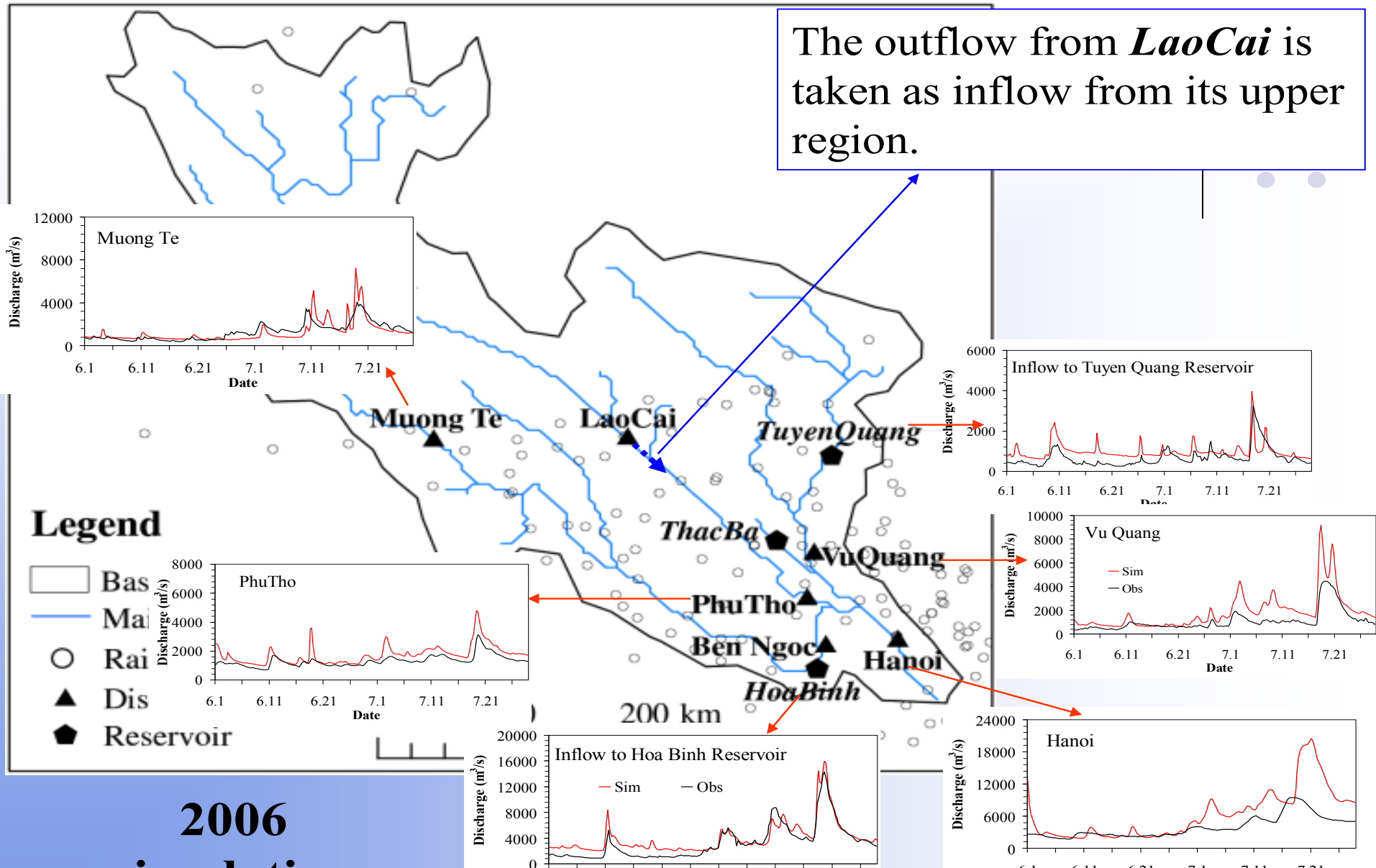
- Duration: 9 months
- Start: 15 months after the Project start
- End: 24 months after the Project start

8. Dissemination of the Project results

- Duration: 4 months
- Start: 20 months after the Project start
- End: 24 months after the Project start

Regional Capacity Development Technical Assistance (R-CDTA) for Applying Remote Sensing Technology in River Basin Management for Philippines, Bangladesh, Viet Nam with ADB and JAXA – Start from June 2012

The outflow from **LaoCai** is taken as inflow from its upper region.





Thank
*you for your
kind attention!*