

# Water Quality Capacity Building (AWCI)

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## DEVELOPMENT OF APPROPRIATE WATER QUALITY MONITORING PROGRAM FOR DOMESTIC WATER IN FLOODS IN ASIA: AN ANALYSIS OF INSTITUTIONS, NEEDS AND OPPORTUNITIES

- ✓ Co-Chairs : i) Dr. Bilqis Amin Hoque, Environment and Population Research Centre (EPRC) ii) Prof. Hiroaki FURUMAI, University of Tokyo
- ✓ Co-investigators: i) Prof. Toshio Koike, University of Tokyo ii) Dr. Chu Ishida, GEOS/JAXA, Japan,
- ✓ Collaborators: (i) Dr. Steven R. Greb, USA ii) Dr. Karmaker and Mr. S. Iqbal, Bangladesh iii) Mr. Nguyen Van Tue, Vietnam, iv) Dr. Bashir Ahmad, Pakistan, v) Dr. Sohrab Ali, Dept. of Environment, Bangladesh and vi) Ms. Sufia Khanam, EPRC, Bangladesh will coordinate.

# Background

## ■ Why

- lack of recognition
- lack of information
- Lack of institution
- **Quality and quantity inseparable**

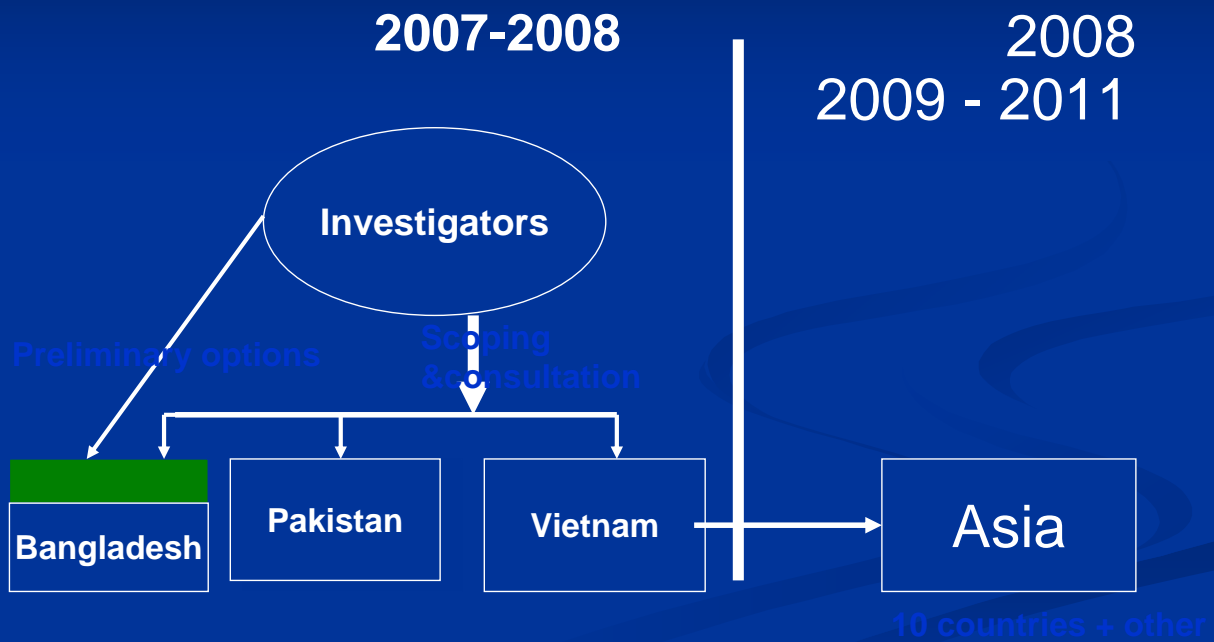
## ■ Goal

To contribute towards sustainable management and development of water and health.

# OBJECTIVES

- Analyses of the roles, capacities, practices, policies, methods (and indicators), synergies, and needs
- Identification and comparison of the common and specific problems in WQ monitoring
- A formative/indicative research on appropriate WQ monitoring options for domestic water by in-situ and satellite measurements
- Incorporating the results and experiences gained here into the Asian Water Cycle Initiative (AWCI)
- Suggest policy advice in the 3 countries in particular and in other countries

# IMPLEMENTATION



2008/1/19

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## CAPACITY BUILDING NEEDS

- Water quality monitoring, indicators and methods
- Images
- Use of image
- Needs proper recognition

2008/1/19

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