Since 2004

Aims of River Basin Organizations are to contribute to the social stability and economic growth.

Network of Asian River Basin Organizations

http://www.narbo.jp/
"Regional public goods in Asia"

Strengthening capacity of river basin organizations (RBOs) to promote the integrated water resources management (IWRM) principle

Supporting on-going and post ODA activities in collaboration with development partners e.g. ADB, JICA, WB, UNESCO and UNESCAP
New strategic directions
for all NARBO members

= water management practitioners

“Promoting water management fitting local conditions”

“Developing quality infrastructure”

“Sharing experiences, good examples and lessons learned”
Malfunctioned water pomp and motor

Old electric facilities

Enough capacity of the pomp repair workshop and procurement of spare parts?
Appropriate and applicable approach

Indonesia

Sustainable asset management

Installation of the field data monitoring and management system after prudent comparison of several countries’ system at the sustainable point of view.

Source: Water Resources Corporation 2, Indonesia (PJT 2)
Appropriate and applicable approach

Indonesia

Source: Water Resources Public Corporation 1, Indonesia (PJT 1)

Office for observed data collection

Display (observed rainfall)

Data processing

Developed by PJT1, Indonesia and 100% working!

Observational point (water level)

Transceiver (mobile phone)

Water level gauge

Observational point (rainfall)

Transceiver (mobile phone)

Rain gauge

Key for success: All the parts could be procured from the local market with low cost
In Bangladesh, the function of purification of metals such as arsenic, iron and manganese in groundwater were confirmed.

**Key for success:** Low cost, simple & powerless system
Environment friendly bank protection only using local materials in Lao PDR and others

Only use fascine and stones

This method was introduced and developed in Japan with Dutch engineers early 20th century.

“Soda-mattress” used for foot protection has high flexibility, so it is less influenced by fluctuated river bed.

It is applicable for foot protection with slow-flowing rivers.

Materials used for fascines are mainly broadleaf trees which are readily available locally.
Appropriate and applicable approach

Vietnam

Institute for Pump and Water Resources Machines

Source: Web of VAWR

Japan

Pump repair workshop in Japan.

Source: Appropriate and applicable approach
Policy approach for the mitigation of environment

The Tokuyama dam project also implemented a various and lot of environmental conservation programs in collaboration with organizations concerned and resettled peoples.
The pro-active policy approach at the impactful investment point of view makes the effective and efficient profit especially on the environmental conservation. In case of the Nagaragawa estuary barrage, a various measures on environmental conservation approach are bringing much effects.
Value added activities of NARBO

- Knowledge and experience sharing
- IWRM Spiral model for step-wise water management improvement


Progress of IWRM

1. Recognizing & identifying
2. Conceptualizing
3. Coordinating & planning
4. Implementing, monitoring & evaluating
5. Recognizing & identifying
Tree planting with boys & girls in the general meeting of NARBO arranged by PJT II, Indonesia

Hope to be the public goods for Asian water resources practitioners

http://www.narbo.jp/

Thank you for your attention!