



Network of Asian River Basin Organizations (NARBO)

- Present State and Future Prospects -

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<http://www.narbo.jp/>

1 What is NARBO ?



(1) Objective

NARBO is a networking group system launched for helping achieve IWRM in river basins throughout Asia. It was established centered by JWA, ADB and ADBI which serves as Secretariat now and its main office is located in the JWA's headquarters.

Major activities of NARBO are as follows:

- (1) Share information, good practices and lessons learned from NARBO members
- (2) Raise awareness of IWRM
- (3) Realize and strengthen mutual assistance for RBO in Asia region



NARBO Forest in Indonesia



NARBO Database (Only for Members)

1 What is NARBO ?



(2) Constitution of NARBO Members

56 organizations/agencies from 12 different countries (Bangladesh, Cambodia, Indonesia, Japan, Korea, Laos, Malaysia, Philippine, Thailand, Sri Lanka, Viet Nam and India)

- 16 River Basin Organizations
- 21 Government Organizations
- 19 Academic or International organizations

Concerning Malaysia:

NARBO Members

- Department of Irrigation and Drainage (DID)
- Selangor Water Management Authority (SWMA)

Pre-Member

- National Hydraulic Research Institute of Malaysia (NAHRIM)

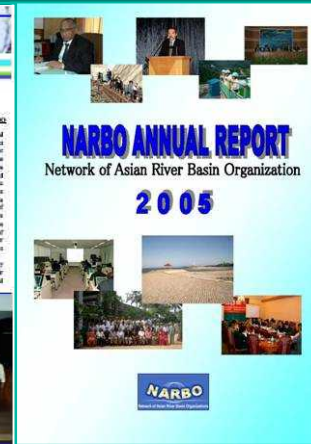


Key Map of NARBO Network

2 NARBO Activities



Major Five Activities



Information Sharing Activity

Thematic workshop

NARBO Web-site & NARBO Newsletter & Annual Report

Thematic Workshop on Water Allocation & Water Rights in Philippines



Twining Program



IWRM Training Program



Benchmarking

Twining Program between JWA & Indonesian NARBO

1st IWRM Training Program in Thailand

Benchmarking Workshop in Indonesia

3 Case Introduction



(1) Thematic Workshop

Continuous discussions on the specific theme derived from NARBO members for meaningful sharing information.

Held in series

Same members

Small group

Practical discussions

Thematic Workshop on Water Allocation and Rights

Dec. 2005 : 1st in Viet Nam

Jun. 2006 : 2nd in the Philippines

Nov. 2006: 3rd in Thailand

Jan. 2007 : 4th in Japan



1st Workshop in Viet Nam



2nd Workshop in Philippines

Workshop Records

Now in Progress:

- Thematic Workshop on Sustainable Management for Water Resources Infrastructures

3 Case Introduction



(2) Twinning Program

Twinning Program aims to adopt good practices achieved by other members and to exchange information among members for the improvement of water resources management.

1st Case (Nov.2004 ~)
Japan Water Agency
&
Indonesian NARBO

2nd Case (Dec.2004 ~)
Korea Water Resources Corporation
&
Indonesian NARBO



Visiting Dam Construction



Discussion on Technology



Presentation

3 Case Introduction



(3) IWRM Training Programs

Training programs for capacity development of RBOs in implementing IWRM among member organizations are held. With an advantage of NARBO network, it is expected to diversify training resources among member organizations.



1st training program in Thailand



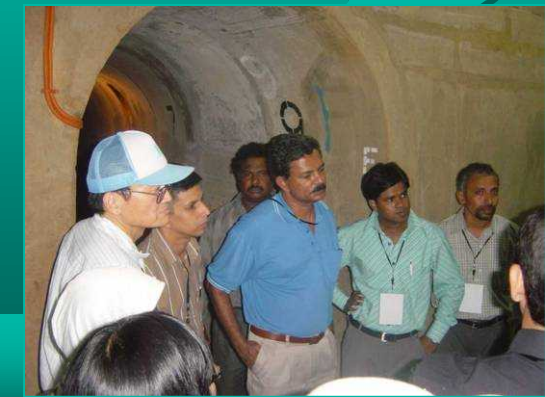
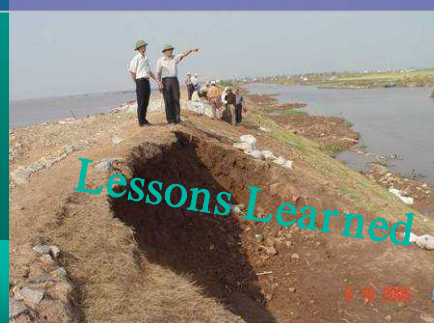
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**Sharing Good Practices and
Lessons Learned from
Various Training Resources**



2nd training program in Sri Lanka



3rd training program in Korea



4th training program in Sri Lanka

3 Case Introduction



(4) Benchmarking

Benchmarking is a process that compares organizations' relevant and achievable internal or external norms and standards. NARBO developed a performance benchmarking system and peer review process in 2004 and formally launched at the former (2nd) Southeast Asia Water Forum in Bali.

Peer Review

Oct. 2006 : in Indonesia
Dec. 2006 : in Sri Lanka
Apr. 2007: in Philippines
Jun. 2007 : in Viet Nam



Peer review meeting in Jatiluhur, Indonesia

4 Future Prospects



(1) Activities

Water issue will become serious in Asia in the near future.
IWRM is one suggested solution to this issue.
NARBO continues to implement practical activities,
aiming to **promote IWRM in Asia**.

Activities in NARBO as a **network organization** are supported and promoted by **ownership of the members**.

NARBO welcome active participation of the members !

4 Future Prospects



(2) Appeal

More than three and a half years have passed since NARBO was established in Feb 2004. Its activities have achieved some positive results, where **the local areas in Asia have been focused.**



On the basis of achievement of promoting IWRM which has been built up with considering Asian properties, NARBO is going to **appeal further in the world scenes.**



Thank you
for your attention !

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