



Brief report and announcement of NARBO activities

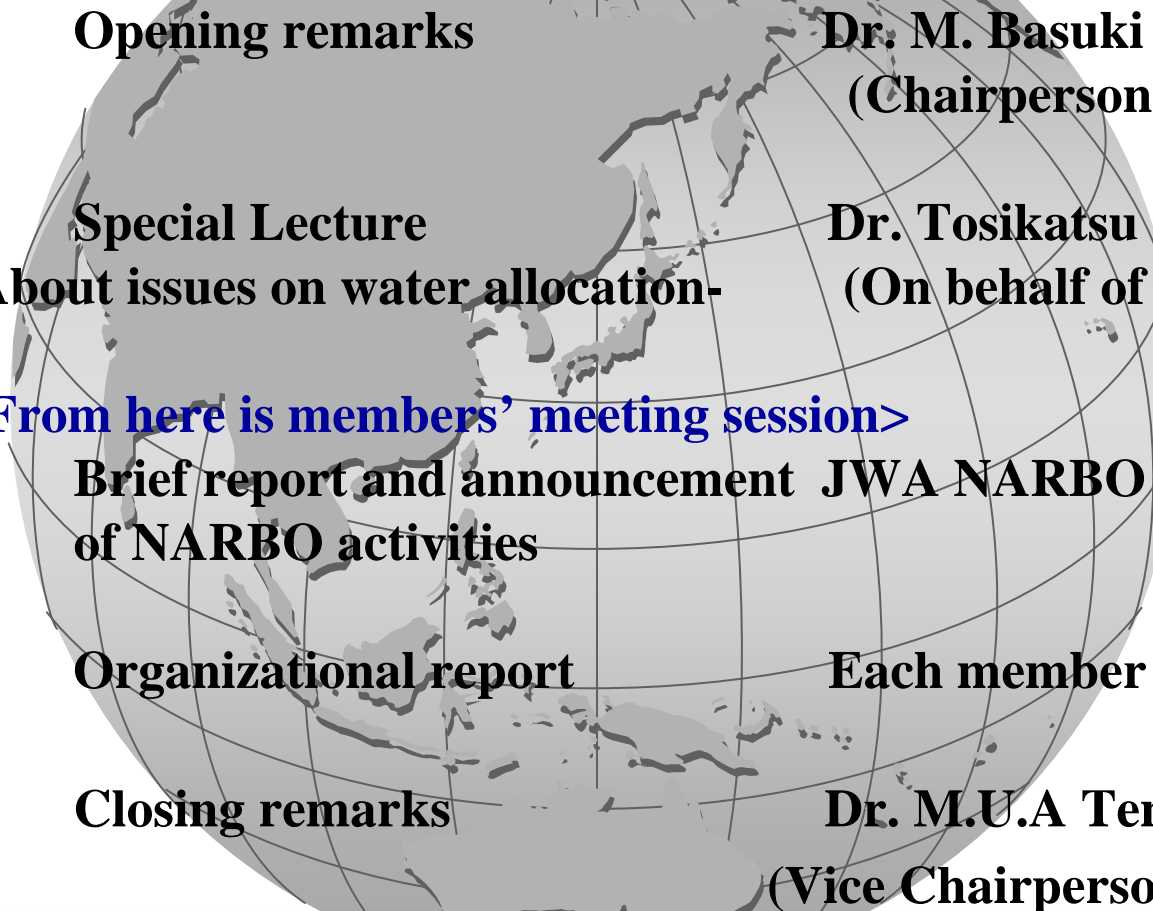
- 1. Brief report of NARBO activities**
- 2. Announcement of NARBO activities**
- 3. The 2nd NARBO General Meeting**

NARBO Secretariat

August 31, 2005 in Bali

The 2nd Southeast Asia Water Forum

Program of NARBO side event :19:00 - 21:30, August 31



19:00 - 19:05	Opening remarks	Dr. M. Basuki Hadimuljono (Chairperson of NARBO)
19:05 - 19:35	Special Lecture -About issues on water allocation-	Dr. Tosikatsu Omachi (On behalf of APHW)
<From here is members' meeting session>		
19:35 - 20:15	Brief report and announcement of NARBO activities	JWA NARBO Secretariat
20:20 - 21:25	Organizational report	Each member
21:25 - 21:30	Closing remarks	Dr. M.U.A Tennakoon (Vice Chairperson of NARBO)



1. Brief report of NARBO activities

(1) Quick review of the activities to date

(2) NARBO website

(3) Issuance of newsletter

(1) Quick review of the activities from the establishment (Except web-site and newsletter related activities)

2004

February

The 1st General Meeting in Indonesia

July

NARBO Secretariat participated the 2nd APHW conference in Singapore

NARBO Secretariat participated the 3rd South Asia Water Forum in Bangladesh

July - August

The 1st NARBO training course on IWRM in Thailand

August

NARBO web-site meeting in Thailand

October

NARBO Secretariat meeting in Thailand

November

NARBO benchmarking workshop and overall session in Indonesia

Twinning program between JWA and Indonesia
NARBO concluded

December

Mr. Sukrasuno participated the International conference on IWRM in Japan

2005

January

The 2nd Southeast Asia Water Forum preparatory meeting in Indonesia

February-
March

Pre-visit to RBOs

April

The 2nd NARBO training course on IWRM in Sri Lanka



<Pre-visit to RBOs>



At WRCC in Lao PDR in February, 2005



At Mahaweli Authority in Sri Lanka in March, 2005



At WRD in Thailand in February, 2005



At DID in Malaysia in March, 2005

<The 2nd NARBO training course in Sri Lanka>

April 25 - April 29, 2005 at Negombo

Theme : River Basin Management and Organizations

Number of participants : 27 participants from 6 countries in South Asia



(2) NARBO web-site (<http://www.narbo.jp>)



NARBO Network of Asian River Basin Organizations

Network of Asian River Basin Organizations

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search in NARBO.jp Normal Search (free text search) Advanced Search

NARBO ANNUAL REPORT 2004

NARBO ANNUAL REPORT 2004 completed finally. This report is organized about NARBO general information, activities in 2004 and materials. The members can get the report from this website, but it is a bit heavy and might take time to get it. Sorry for inconvenience, if you want the CD of the report, please inform us. we will distribute by post or in the meeting.

Event

- 15 June 2005
Announcement: NARBO will organize a session on "Developing Capacity in River Basin Organizations", 31st August 2005 in the 2nd Southeast Asia Water Forum in Bali, Indonesia led by Indonesian NARBO in collaboration with JBIC and WB. The membership meeting will be held as well. (More details)
- 27 May 2005
Announcement: 3rd NARBO training on MWRM in Korea: 14th-18th, November 2005
Korea Water Resources Corporation (KOWACO), one of the leading agencies on training will host the 3rd training under the theme of "Technology for Integrated Water Resources Management - River Basin Approach". The main objective of this training is to share experiences of developing and applying technologies to water management at the practical point of view. (More details)

Topics

- 03 August 2005 **NEW**
"NARBO charter" was revised a little to solve some inadequate expressions [PDF/55kB]
<See the proposal for the revision>
- 22 July 2005 **NEW**
"NARBO Person" added. It is introduce of key person in NARBO Activities.
- 22 June 2005
Revised NARBO Work Plan [PDF/162kB]
- 22 June 2005
Twining program report between Indonesian NARBO and KOWACO.

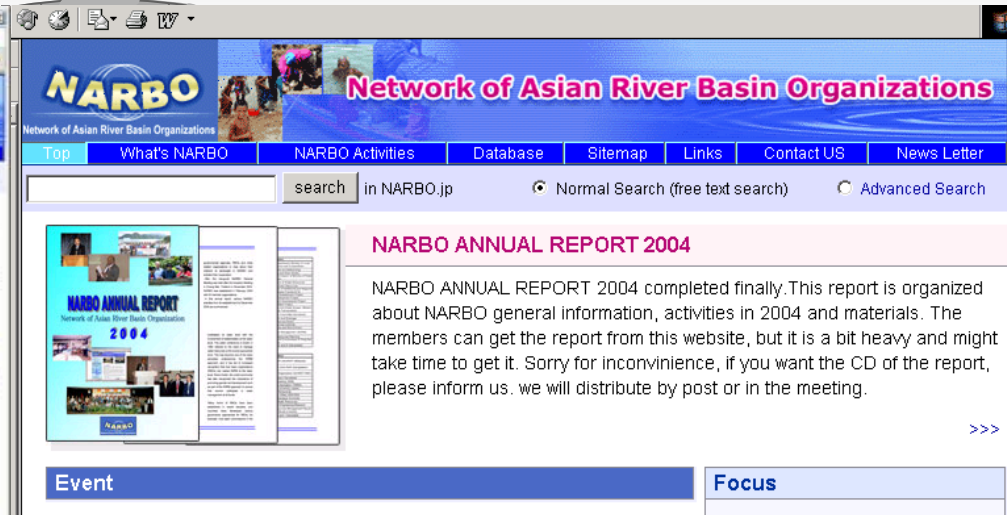
Reminder to members

According to NARBO Charter and its work plan, all members are obliged to write an annual report and submit it JWA NARBO Secretariat by the end of March. In addition, at NARBO overall session last November, we requested you to write and submit the reports on water related heritage and awareness program. The members who have not submitted the report yet are expected to give in soon. Please refer to The result of report presentation.

Contents

- What's NARBO
Introduce of NARBO, activities and so on
- Sitemap
Structure of this website
- News Letter
Introduce of NARBO activities, water resources facilities and other information
- NARBO Activities
Plan and records of NARBO activities
- Links
Link to the sites related to NARBO
- Database
It includes NARBO annual reports, member's profiles
- Contact us
e-mail to NARBO secretary@narbo.jp

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NARBO Network of Asian River Basin Organizations

Network of Asian River Basin Organizations

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Event

Focus



A couple of problems about web-site

1. The environment of Internet and access to the Internet

-The access speed is so slow that it is difficult to see NARBO web site (by dial up available)

-Only limited people are allowed to access to the Internet

Not easy task. The Internet environment is widely different from country to country.

2. Not enough data from members to enrich the contents of web-site

Easy task to solve

Only you members can enrich and improve the contents, not JWA secretariat !!

<We take the Internet environment into consideration>

NARBO Website - Microsoft Internet Explorer の提供元: 水資源機構

ファイル(F) 編集(E) 表示(V) お気に入り(A) ツール(T) ヘルプ(H)

戻る 進む 検索 お気に入り メディア

アドレス(D) http://www.narbo.jp/narbo/annual_report_2004.htm

Google ウェブ検索 オプション

お気に入り

お気に入り

追加 整理

メディア

リンク

asahicom朝日新聞の速報ニュー...

google

MSN

NARBO Website

Web Events

Feel & Heal

地球人ネットワークを創るアルク:ス...

Yahoo

えきねっと(JR東日本)

ラジオステーションガイド

NARBO DATABASE SYSTEM

水資源機構

国土交通省

河川局災害情報

中部大学 キャリアセンター

埼玉県のゴルフ場予約-BIGLOB...

http--203.21.152-index.htm

Google 検索 water logging

(社)日本水道協会

吉野川講座menu

第11回吉野川講座

(財)国際湖沼環境委員会(ILEC)

水資源機構 技術情報提供シス...

独学行政書士

高度浄水処理ってなあに?

Network of Asian River Basin Organizations

Top What's NARBO NARBO Activities Database Sitemap Links Contact US News Letter

NARBO ANNUAL REPORT

If the Internet access environment doesn't allow you to see the full sized PDF, please see section by section.

- 1. Full sized PDF**
 - NARBO ANNUAL REPORT 2004 [PDF/7,148KB]
- 2. PDF by section**
 - Cover [PDF/217KB]
 - Message from the Chairperson [PDF/218KB]
 - 1. Establishment of NARBO [PDF/227KB]
 - (1) Introduction
 - (2) Purposes
 - (3) Charter
 - (4) Action Plan
 - (5) Members
 - (6) Chairperson, Vice Chairperson and Secretariat
 - (7) Progress of the establishment
 - (8) The Third World Water Forum
 - (9) The inception meeting
 - 2. NARBO First General Meeting [PDF/88KB]
 - (1) Summary
 - (2) Agenda discussion
 - (3) Workshop
 - (4) Site visit
 - 3. Records of activities [PDF/263KB]
 - (1) Table of activities
 - 2) The Second Conference of APHW
 - 3) The International Conference on IWRM
 - 4. Efforts for information collection [PDF/53KB]
 - 5. NARBO members' information [PDF/78KB]
 - (1) Jasa Tirta 1 Public Corporation (PJT1)
 - (2) Jasa Tirta 2 Public Corporation (PJT2)
 - (3) Japan Water Agency (JWA)
 - (4) Jragung-Tuntang Basin Water Resources Management Unit
 - (5) International Water management Institute (IWMI)
 - 6. Collected materials through activities [PDF/57KB]
 - (1) The Third World Water Forum
 - (2) The First General Meeting
 - (3) The First Training Course on IWRM
 - Afterword from the Secretary General [PDF/185KB]

[Appendix]

- Appendix 1 : NARBO Charter [PDF/131KB]
- Appendix 2 : The draft framework and proposal for NARBO Action Plan (2004-2005) [PDF/721KB]
- Appendix 3 : NARBO Members' List [PDF/110KB]
- Appendix 4 : The Letter of Intent [PDF/140KB]
- Appendix 5 : The detailed program of the workshop [PDF/727KB]
- Appendix 6 : The detailed information about the site visit [PDF/459KB]
- Appendix 7 : Electronic Newsletter [PDF/3,989KB]
- Appendix 8 : The outline of the First Training Course on IWRM [PDF/150KB]
- Appendix 9 : The Memorandum of Understanding [PDF/306KB]
- Appendix 10 : New Network of IWRM for Asia [PDF/160KB]

- Back cover [PDF/96KB]

(3) Issuance of newsletter

Newsletter are being distributed by e-mail and uploaded on web-site

February 2004 The preparatory issue

April 2004 The 1st issue

August 2004 The 2nd issue

November 2004 The 3rd issue

February 2005 The 4th issue

May 2005 The 5th issue

August 2005 The 6th issue



Members' contribution

SAVE BURIGANGA MOVEMENT

Mir Sajjad Hossain*

Dhaka is the capital of Bangladesh with an Metropolitan area of about 380 Km². It stands beside the Buriganga Turag river system. The length of the Buriganga river is about 17km. Owing to its historical perspective and cultural heritage, the Buriganga is termed as the "lifeline" of Dhaka city. This capital city was first established during the Mughal period about 400 years back. The river Buriganga gave the old metropolis its water connection and was easily navigable so that the great Mughal fleet could often anchor near the town. Once the water of this river was largely used as dirking water by the city dwellers. In 1874 a water treatment plant was set up by the then government at a place named Chadnighat in the city for supplying pure water to the city dwellers. In fact the total ecosystem of Dhaka evolved based on the river Buriganga. Presently Dhaka city has a population of about 11 million and would be about 16 million by 2025.



Figure: 1 Dhaka City and adjoining river system

Tongi khal flows from Turag towards Balu during monsoon when there is practically no tidal effect. But during the dry season, the flows of the Tongi khal changes direction from Balu towards Turag due to lower water level in the Turag and higher water level in the Balu caused by higher tidal influence in the Balu. The main source of water of the Buriganga had been the spills of the Brahmaputra river.

Problem

The river Buriganga is getting polluted over the years causing serious environmental degradation in the capital. The pollution problems are the outcome of both natural as well as human activities and interventions and also due to lack of adequate pollution control measures.



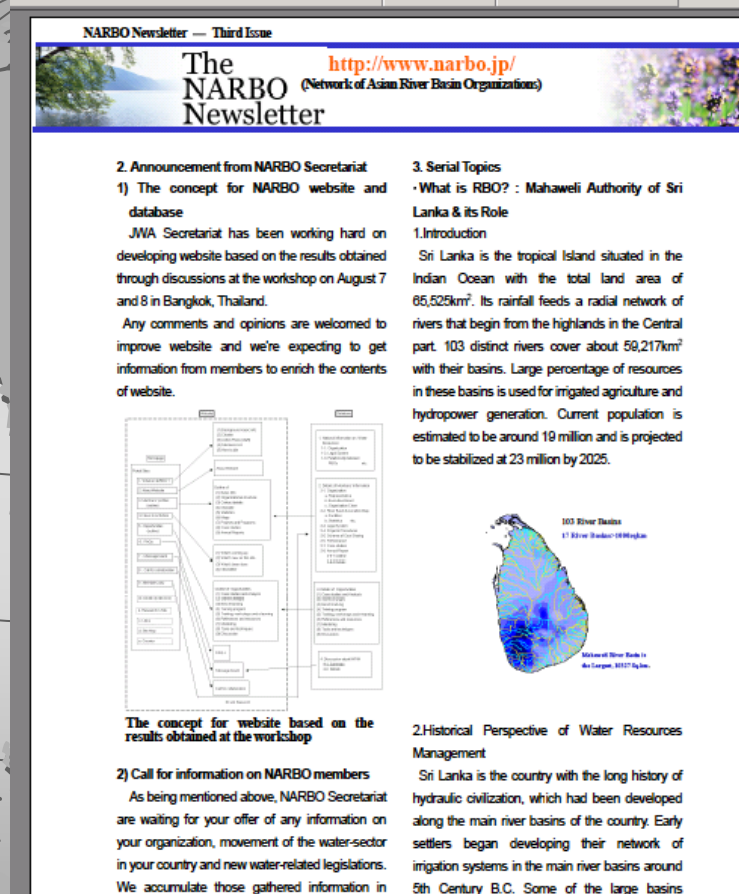
Photo 1 Contaminated water of the Buriganga



Photo 2 Enroachment near the Buriganga

The natural reasons behind the problems include hydraulic and morphological changes in the rivers around Dhaka. Due to gradual sedimentation in the

The article from Sri Lanka (Second Issue)



2. Announcement from NARBO Secretariat

1) The concept for NARBO website and database

JWA Secretariat has been working hard on developing website based on the results obtained through discussions at the workshop on August 7 and 8 in Bangkok, Thailand.

Any comments and opinions are welcomed to improve website and we're expecting to get information from members to enrich the contents of website.



The concept for website based on the results obtained at the workshop

2) Call for information on NARBO members

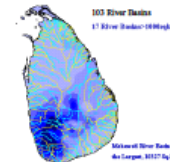
As being mentioned above, NARBO Secretariat are waiting for your offer of any information on your organization, movement of the water-sector in your country and new water-related legislations. We accumulate those gathered information in

3. Serial Topics

• What is RBO? : Mahaweli Authority of Sri Lanka & its Role

1.Introduction

Sri Lanka is the tropical Island situated in the Indian Ocean with the total land area of 65,525km². Its rainfall feeds a radial network of rivers that begin from the highlands in the Central part. 103 distinct rivers cover about 59,217km² with their basins. Large percentage of resources in these basins is used for irrigated agriculture and hydropower generation. Current population is estimated to be around 19 million and is projected to be stabilized at 23 million by 2025.



2.Historical Perspective of Water Resources Management

Sri Lanka is the country with the long history of hydraulic civilization, which had been developed along the main river basins of the country. Early settlers began developing their network of irrigation systems in the main river basins around 5th Century B.C. Some of the large basins

The article from Bangladesh (Fifth Issue)

The NARBO newsletter are supported by articles from members!!



2. Announcement of NARBO activities

(1) Revision of NARBO Charter

(2) The 3rd NARBO training course in Korea

(3) The thematic workshop in Vietnam

(4) The 4th and 5th NARBO training course

(1) Revision of NARBO Charter (August, 2005)

(a) Provision of selection of the Chairperson and venue for the General Meeting (changed)

- In principle, the General Meeting is held in the Chairperson's country
- The date of the General Meeting is proposed jointly by the Chairperson and the Secretary General

(b) Provision of the procedure for the change of officers in the middle of their tenure (added)

- When the Chairperson becomes unable to perform his/her function, Vice-Chairperson substitutes for the Chairperson until the next General Meeting



- When the Vice-Chairperson becomes unable to perform his/her function, Acting Vice-Chairperson serves as the Vice-Chairperson until the next General Meeting

-When the Secretary General or any of the Vice-Secretary General becomes unable to perform his/her function, Acting Secretary General or Acting Vice-Secretary General serves as the Secretary General or Vice-Secretary General

The processes regarding selection of Acting Vice-Chairperson, Acting Secretary General and Acting Vice-Secretary General need

1. Nomination by the Secretariat

2. Appointment by the Chairperson

Please look at NARBO web-site for the details !!

(2) The 3rd NARBO training course in Korea

KOWACO hosts the training course from November 14 to 18 under the theme of “Technology for Integrated Water Resources Management -River Basin Approach-

Location : Korea Institute of Water and Environment (KIWE)
Korea Water Resources Corporation (KOWACO)

Expected participants : 50 people

Main issues to be covered : Lectures, Hands-on practice,
On site training, Individual & group
discussion

The due date for application was August 15. Please hurry !!

(3) Thematic workshops

What is the thematic workshop ?

- **Focused and specific theme**
 - **Small scale and profound discussion**
 - **Improvement from the pragmatic and practical viewpoint**
 - **Simple and not luxurious**
 - **Series of workshops**
- 



**Thematic Workshop
on
Water Allocation & Water Right**

Venue : Hanoi, Vietnam

1st Recipient Organization :

Red River Basin Organization (RRBO)

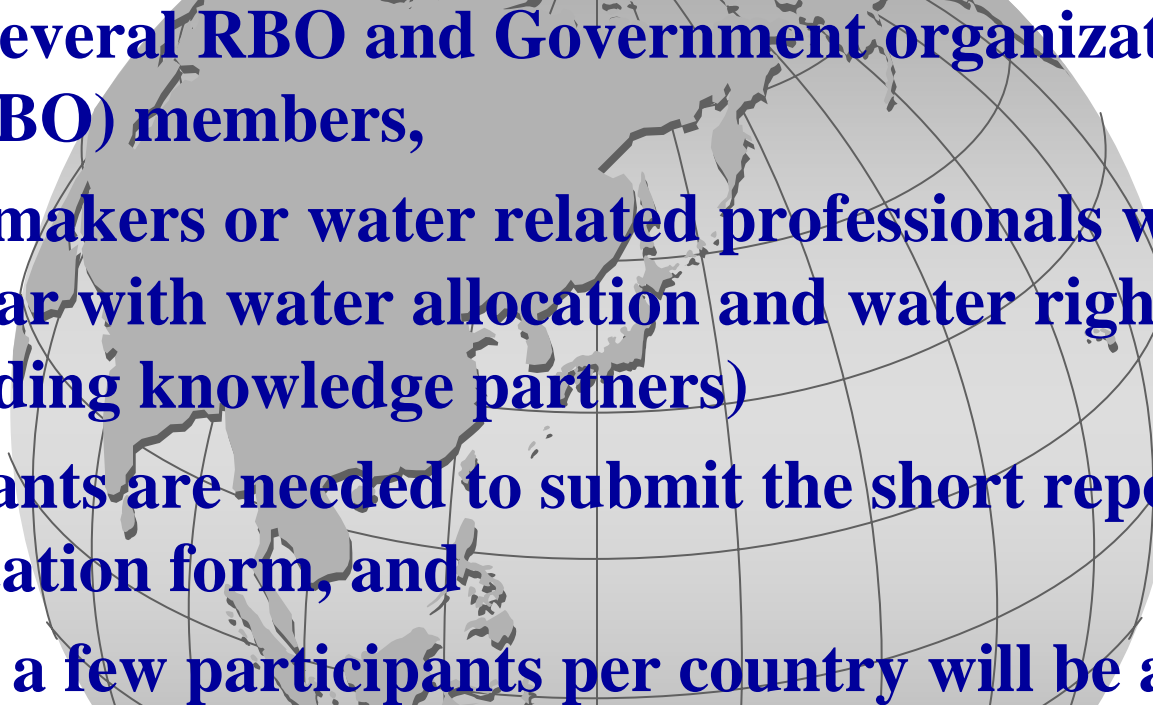
Date : December (tentative)

Period : 4days (2days discussion and 2days site visit)

Objectives

- 
- To share information of current status of participating countries
 - To make clear the problems in participating countries
 - To approach toward improvement in corporation with participants

Who are participants ?

- 
- **From several RBO and Government organization (NARBO) members,**
 - **Policy makers or water related professionals who are familiar with water allocation and water right issues (including knowledge partners)**
 - **Applicants are needed to submit the short report with application form, and**
 - **One or a few participants per country will be accepted.**

Application



- **Deadline 30th September 2005**
- **Responsibility**
 - The contents of the short report are**
 - **The role of applicant's organization on water allocation & water right**
 - **Experiences of applicant on water allocation and water right, and**
 - **Brief description on water allocation and water right in applicant's country**

Liaison (tentative)

Mr. Hiroyuki SHINDOU

**Director of International Affair Division,
Management & Planning Department, JWA**

E-mail: narbo@water.jp

Mr. Michitarou NAKAI

NARBO Associate, ADBI

E-mail: mnakai@adbi.org

Liaison in RRBO will be on the web

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

Remarks

- **In the period of this workshop, “Advisory visits to RBOs” and “RBO exchange visit” will be held simultaneously**
- **The information about this workshop will be uploaded on the website (<http://www.narbo.jp/>) properly**
- **We hope that member organizations participate in this workshop proactively**
- **Participants’ expenditure will be fully covered by NARBO Secretariat if necessary**

(4) The 4th, 5th training course

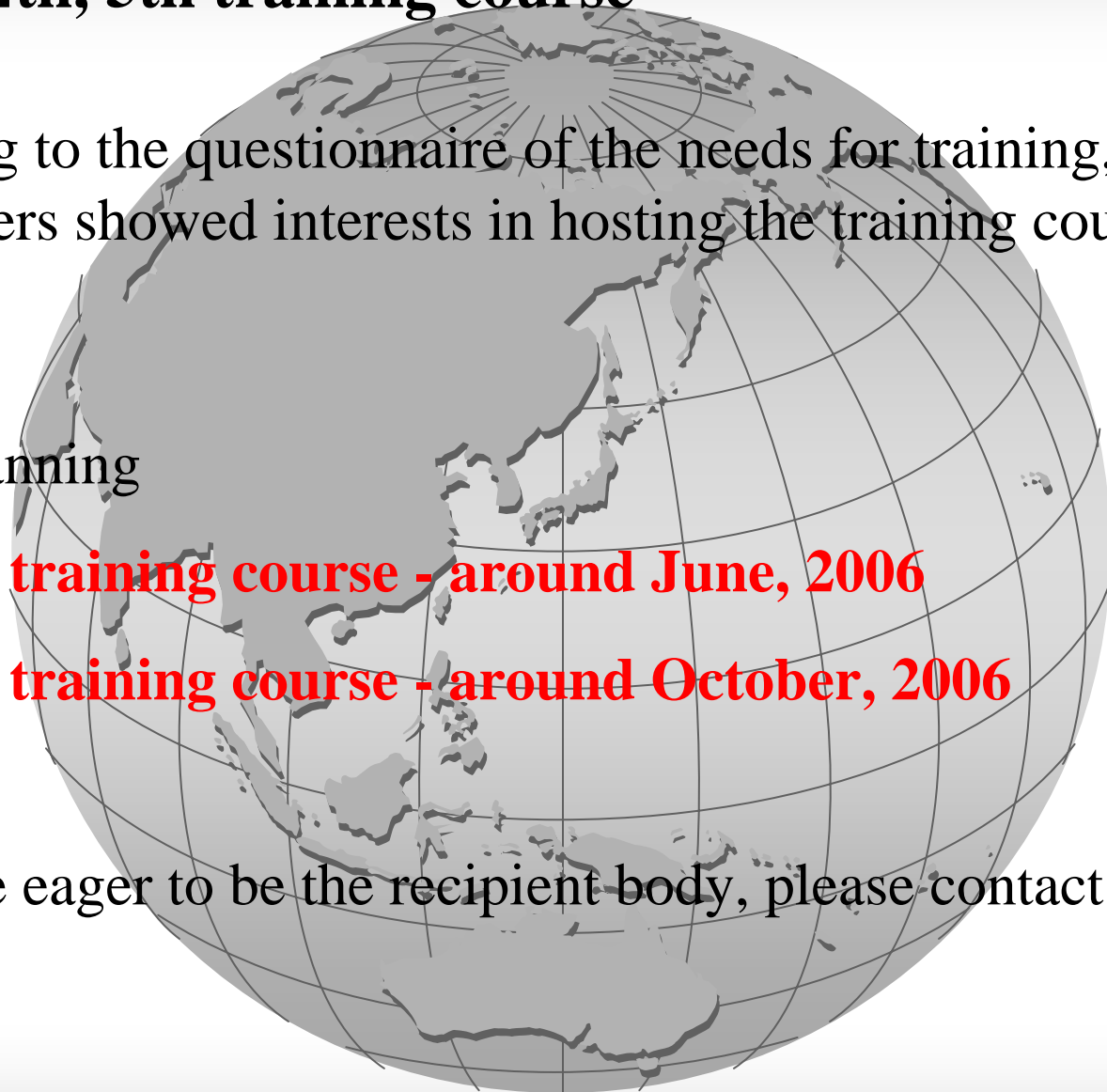
According to the questionnaire of the needs for training, some of the members showed interests in hosting the training course.

We're planning

The 4th training course - around June, 2006

The 5th training course - around October, 2006

If you're eager to be the recipient body, please contact us.



3. The 2nd NARBO General Meeting

Date : February, 2005 (3 days)

Venue : Bandung, Indonesia

Program :

Day 1

- (a) Opening Session**
- (b) Session on NARBO Chairperson Report**
- (c) Session on NARBO Charter**
- (d) Selection of NARBO Constitutional Body 2006 - 2007**
- (e) Session on NARBO Action Plan 2006 - 2007**
- (f) Closing remarks**

Day 2

**(a) Integrated Water Resources Management
(IWRM) Workshop**

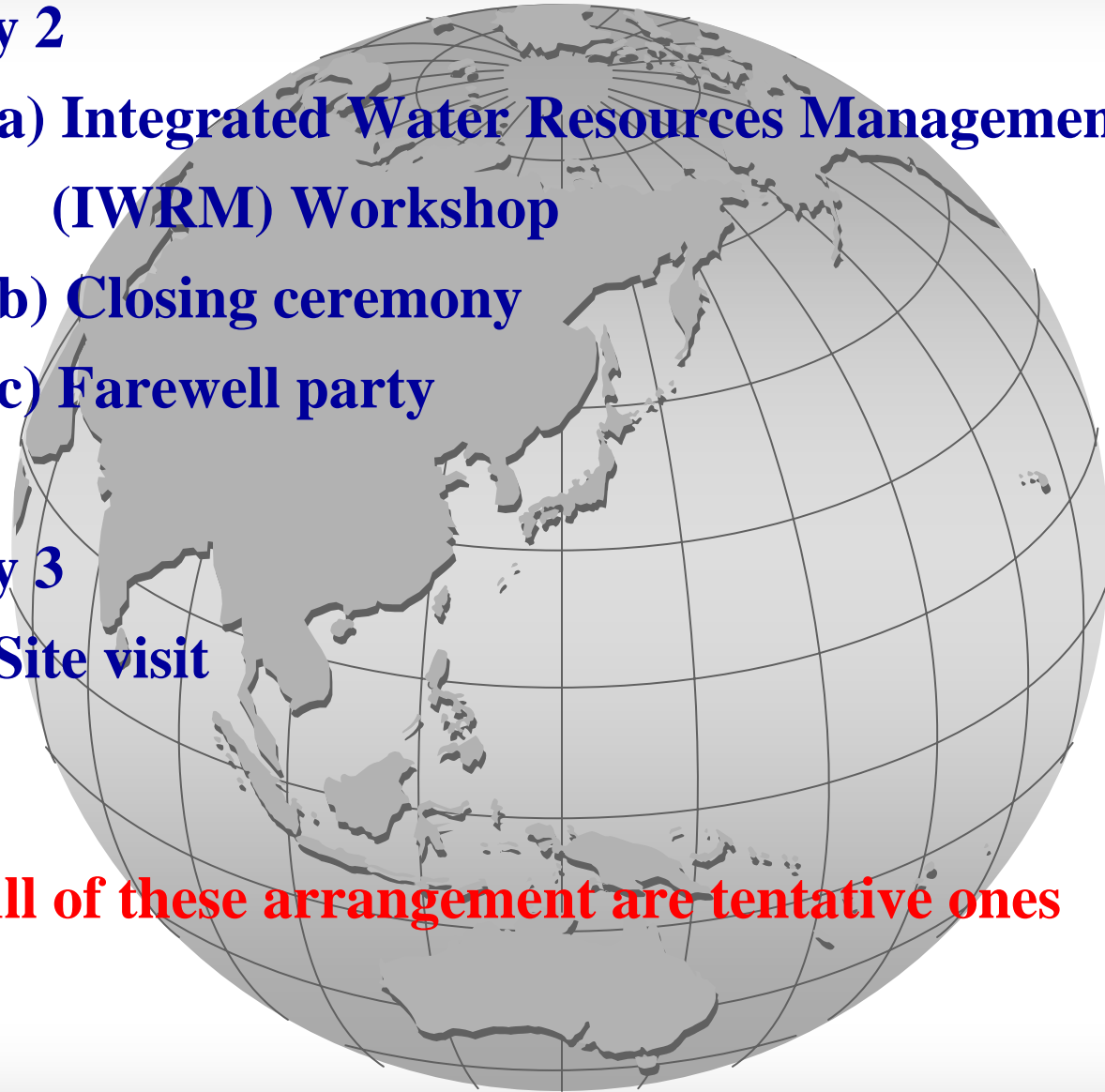
(b) Closing ceremony

(c) Farewell party

Day 3

Site visit

*** All of these arrangements are tentative ones**



Before the end of my presentation

I want to reiterate :

NARBO is the network for members. In this sense, members' positive involvement especially regarding information gathering is quite essential.



At least writing a report every time you attend meeting with sponsoring by the Secretariat, annual report etc is members' obligation.

Thank you very much for your kind attention !!

TERIMA KASIH ATAS PERHATIAN ANDA !!