

#### Network of Asian River Basin Organizations

**Presentation on :** 3<sup>rd</sup> Thematic Workshop, Bangkok – Thailand 2006

## Season 2:

## **Review of The Former Workshop (1) Issues, Causes and Proposals**



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## 1st I ssue :

## No water guarantee on sustainable water availability.



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Causes of the 1st I ssue :

1. Implementation regulation of water allocation and utilization as mentioned in Water Law is not readyimplemented yet.

2. Overlapping Citarum River Basin Organization on Policy and Plan and lack of consensus built among stake holder

3. Problems due to water quantity degradation, hence, no adequate water quantity to be supplied.



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Proposed Proposals for the 1st I ssue :

1. Regulation on Implementation of Water Law should be prepared soon regarding management concept on IWRM.

2. Intensive campaign on public awareness to concern on watershed conservation and management.

3. Reviewing of applied IWRM technology on Citarum River Basin, including its upgrading and developments to ensure sustainable water availability.



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2<sup>nd</sup> I ssue :

## Water Conflicts



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## Causes of the 2<sup>nd</sup> I ssue :

1. Implementation regulation of water allocation and utilization between commercial and non-commercial sectors as mentioned in Water Law is not ready-implemented yet.

2. Inadequate water quantity availability especially during dry season.

Luck of budget to recover required cost of water resources development and management.

3. Increment of the municipal water demand due to increment of urban population.

4. Insufficient personnel on field to carry out the tasks regarding the water allocation operation and management.



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## Proposed Proposals for the 2<sup>nd</sup> I ssue :

 Regulation on Implementation of Water Law should be prepared soon regarding to management concept on IWRM.
*National Water Resources Committee (NWRC)* as a national coordination-organization among all stakeholder and mentioned in newest Water Law should be prepared soon, to handle the responsibilities on water allocation and water right policies.
Concept of cost recovery should be prepared soon regarding beneficiaries-pay principle (for commercial utilization) and government obligation and services (for non-commercial utilization) as well.
Reviewing on Water Allocation Priority regarding the Water Balance analysis.

5. Reviewing applied human resources concept dealing with IWRM on Citarum River Basin.



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3<sup>rd</sup> Issue :

# Water technology application and development.



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Causes of the 3<sup>rd</sup> I ssue :

1. Lack of qualified staff on the field to execute the tasks properly.

2. Lack of technology transfers among technical staff due to lack of coordination in corporation organizations.



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## Proposed Proposals for the 3<sup>rd</sup> I ssue :

1. Improvement of human resources based on required skill dealing with IWRM technologies and management concept through either in-house or external course or training.

2. Reviewing of applied IWRM technology on Citarum River Basin, including its upgrading and developments to ensure sustainable water availability.



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## **Thank You**