



27<sup>th</sup> November – 4<sup>th</sup> December 2013 Sri Lanka

# Briefing of Group Presentation

**Tomotaka Higuchi of ADBI,**

**Keisuke Hatano of JWA**



# Let's...

- Clarify current issues and prioritize those issues on the IWRM progress in your basin.
- Develop (or revise) the IWRM spiral of your basin.



# Tasks

- 1) What are the current issues on water resources management in your river basin? What are the priority issues?**
- 2) What are the potential issues in the future?**
- 3) Which Keys for Success are helpful to solve the issues? (top 3)**
- 4) How do you (or related organizations) solve the issues? How do you implement IWRM with the Key for Success?**
- 5) Develop (revise) an IWRM spiral of your river basin.**
- 6) What are the differences between your spiral and other participant's basin?**



# IWRM training



- We provide **learning structure.**

DATE	8:30-9:00	9:00-10:30 (9:00-9:45, 9:45-10:30)	10:30-11:00	11:00-12:30 (11:00-11:45, 11:45-12:30)	12:30-14:00	14:00-15:30 (14:00-14:45, 14:45-15:30)	15:30-16:00	16:00-17:30 (16:00-16:45, 16:45-17:30)	17:30-18:00	18:00-
<b>Day1 27 Nov (Wed)</b>	Registration	9:00 Lighting Traditional Oil Lamp 9:15 Welcome & Introduce the Program, Eng. Sudharma Elakanda 9:30 Speech DG MASL 9:45 Keynote speech, Secretary MWRM vice chair NARBO 10:00 Speech by Embassy of Japan 10:15 Group Photograph	Short Break	11:00 Introduction of NARBO, Mr. Tomotaka Higuchi 11:15 Introduction of the IWRM Training, Course Director, Mr. Dennis 11:45 Overview of the Training, Course Director, Eng. Sudharma Elakanda 12:00 Self-introduction of Participant	Lunch Break	Introduction of IWRM Guidelines at River Basin Level, Part 1, ADBI Introduction of IWRM Guidelines at River Basin Level, Part 2-1, ADBI Video Clip on Water Security / AWDO Key Dimensions	Short Break	Briefing of Group Presentation Poster session (Presentation by participant) Course Director	Wrap up	Welcome Dinner
<b>Day2 28 Nov (Thu)</b>	Registration	Mahaweli Developed Program for needs of the country. Eng. (Mrs.) P. Talagala	Short Break	Modern vs. Traditional Irrigation Dr. M.U.A. Tennakoon	Lunch Break	Consultation process for effective bulk water allocation Eng. A. Sellahewa Eng. (Ms) T. Samaratunga	Short Break	Water Resources Planning for Mahaweli River Basin using simulation models in Mahaweli River Basin Eng. H.M. Nanzeer	Wrap up	
<b>Day3 29 Nov (Fri)</b>	Registration	Meeting increasing demand of Drinking water Eng. G.S. Jayasiriwardhane	Short Break	Operational Planning Process of Irrigation department - Special focus to IWRM Eng. (Mrs.) J. Meegastenna	Lunch Break	Importance of Ensuring Safety of Water Infrastructure for better IWRM Eng. Sudharma Elakanda	Short Break	Monitoring of Victoria Dam: A review of Instrumentation to enhance the safety of Dam Structure Eng. A.S.K. Arruppola	Wrap up	
<b>Day4 30 Nov (Sat)</b>	Registration	Conflict Solving process in RBOs Eng. H.H. Padmasiri	Short Break	Contribution of Hydropower to enhance water security Eng. S. Midigaspe	Lunch Break	How to secure Environmental requirement Dr. M. Manthritilaka	Short Break	UNESCO's activities UNESCO Mr.Kazuaki Yoshida Briefing of Study Visit MASL, ADB, ADBI Eng. Sudharma Elakanda	Wrap up	Preparation for Study Visit
<b>Day5 1 Dec (Sun)</b>	Study Visit -Dambulu Oya (9.30 am) Farmer discussion Kandalama (11.00 am), Lunch at Polonnaruwa (1.00 pm) Parakkrama Samudra and Maduru Oya ruins night at Polonnaruwa hotel Continue Study Visit -Polonnaruwa ruins/Museum Nalanada reservoir (10.30 am) lunch at Bowatenna Circuit and Kandy city visit Return to Thulhiriya Training Venue(7:00 pm)									
<b>Day6 2 Dec (Mon)</b>	Registration	Feedback of Learning from Study Visit including IWRM Spiral Model of the Mahaweli (Group Presentation)	Lunch Break	Quality of data in River Basin management practices ADB SLRM Dr.K.M. Palitha Banadara	Lunch Break	Experience of Japan The University of Tokyo Prof. Mikiyasu Nakayama	Short Break	Briefing of Group Presentation (2) ADB ADBI Mr. Tomotaka Higuchi JWA Mr. Keisuke Hatano	Wrap up	Preparation for Presentation (Group Work)
<b>Day7 3 Dec (Tue)</b>	Registration	Performance Benchmarking NARBO PB 2013-2014, CRBOM Mr.Isnugroho and NARBO Secretariat Lessons from Sri Lanka, MASL Mr. Chulananda Wellappili Lessons from Indonesia, CRBOM Mr.Isnugroho Lessons from Philippines, LLDA Ms. Dolora Nepomuceno NARBO Senior Advisor Mr. Tjoek Walujo Subjianto	Lunch Break	Preparation for Presentation (Group Work)	Lunch Break	Preparation for Presentation (Group Work)	Lunch Break	Preparation for Presentation (Group Work)	Wrap up	Preparation for Presentation (Group Work)
<b>Day8 4 Dec (Wed)</b>	Registration	Presentation and Discussion (Group Presentation)	Lunch Break	Presentation and Discussion (Group Presentation)	Lunch Break	Presentation and Discussion (Group Presentation)	Lunch Break	16:00 Wrap up and Evaluation, Award Ceremony 16:30 Closing Remarks, ADB Country Director 16:40 Closing Remarks, Minister of I&WRM 16:50 Closing Remarks, NARBO Chair Person (or vice Chair Person)	Wrap up	Farewell Dinner

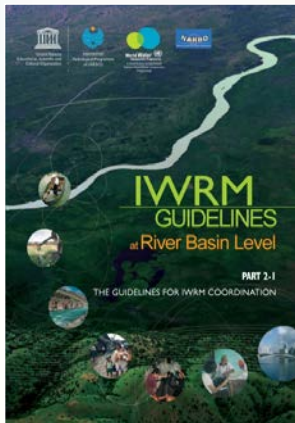




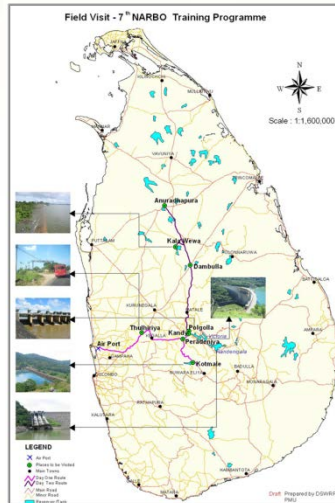
# IWRM training



- Learning structure



**Basic knowledge**

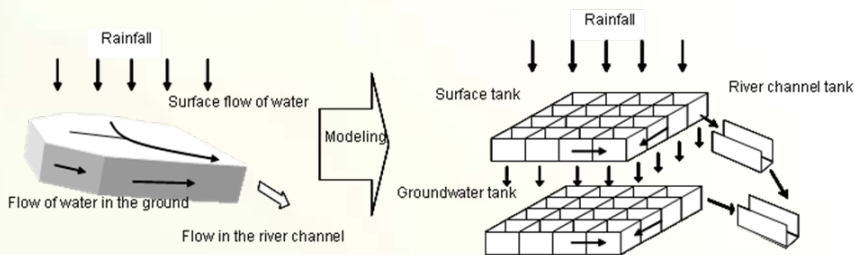


**Case study**



**Discussion**

- Other participants
- Resource Person
- Specialist
- Local staff, Local sector



**Latest technology**  
(Related technology)

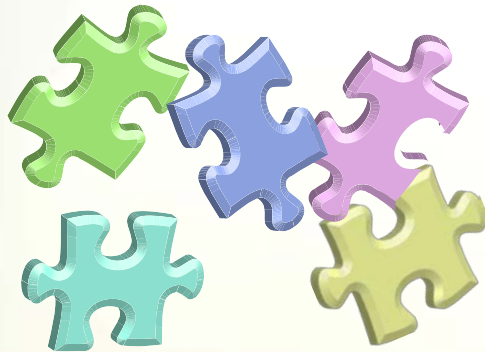




# How to combine? How to apply?

## IWRM training

- General information of IWRM
- Lecture (essential part of IWRM)
- Case study
- Discussion



each parts of IWRM

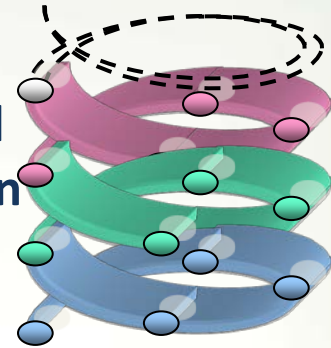


Your experience, Current situation of your basin



How to combine?  
How to apply?  
To your basin

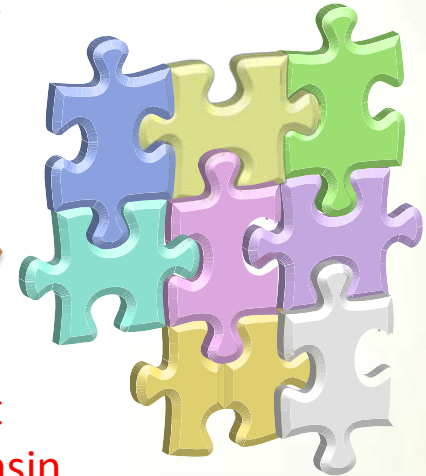
## IWRM spiral of your basin



Combine  
each  
pieces



Apply it  
to your basin

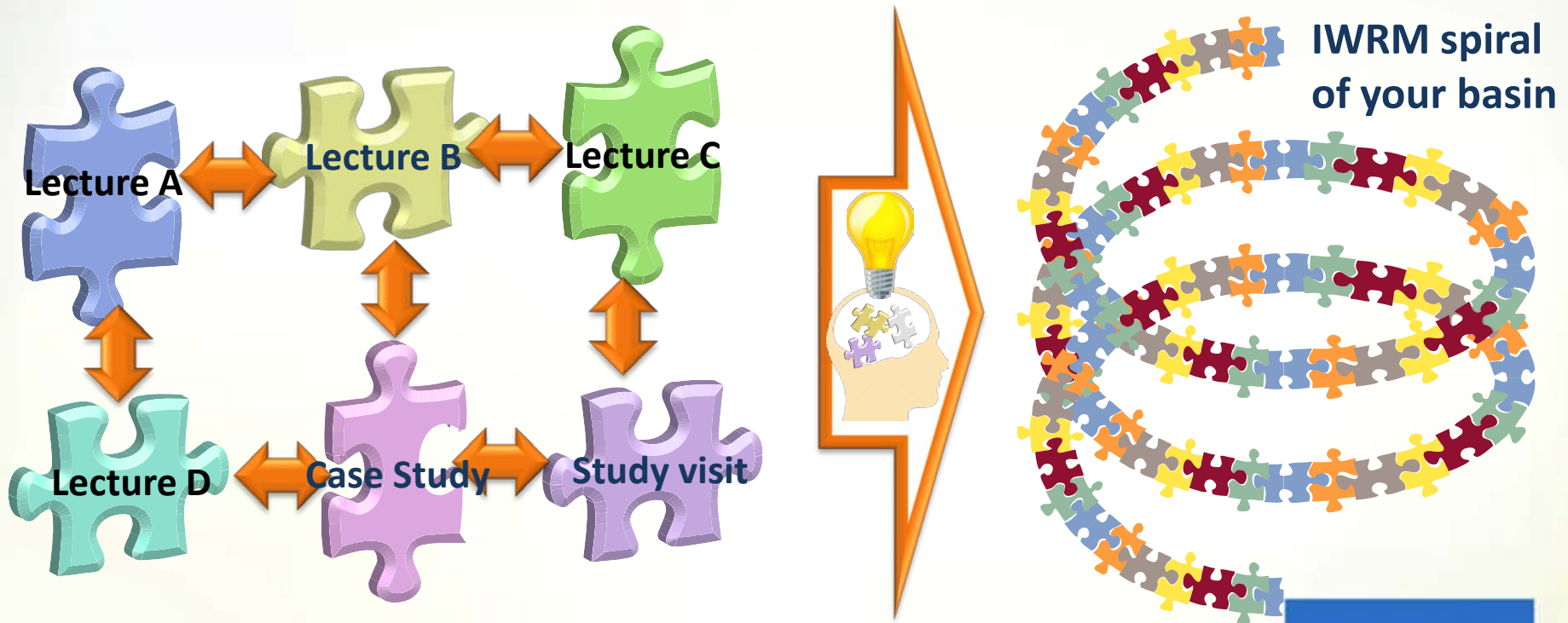




# How to combine? How to apply?

You need to think about;

**How to combine, How to apply the knowledge you learned in the training to develop the IWRM spiral or progress the IWRM in your basin.**



**“How to combine the knowledge” is not to be taught.  
You have to think or learn by your self.**



# Group presentation

- Day 8 (4 December), 9:00-16:00
  - 10 min; presentation, 8 min; discussion
- Clarify current issues and prioritize those issues on the IWRM progress in your basin.
  - Develop (or revise) the IWRM spiral of your basin, including past progresses and future plans.





# Grouping

- Group 1; Sri Lanka (Mahaweli RB)
- Group 2; Afghanistan (Kabul RB)
- Group 3; Afghanistan (Western RB)
- Group 4; Bangladesh (Ganges-Brahmaputra RB)
- Group 5; India (Baitarani RB)
- Group 6; Indonesia (PJT1 - Solo or Brantas RB)
- Group 7; Indonesia (PJT2 - Citarum RB)
- Group 8; Lao PDR (Nam Ngum RB)
- Group 9; Lao PDR (Nam Ting-Nam Chat RB)
- Group 10; Malaysia (Selangor RB)
- Group 11; Nepal (Bagmati River)
- Group 12; Pakistan (Indus RB)
- Group 13; Philippines (Cagayan RB)
- Group 14; Philippines (Davao RB)
- Group 15; Philippines (Laguna Lake Basin)
- Group 16; Thailand (Pasak)