

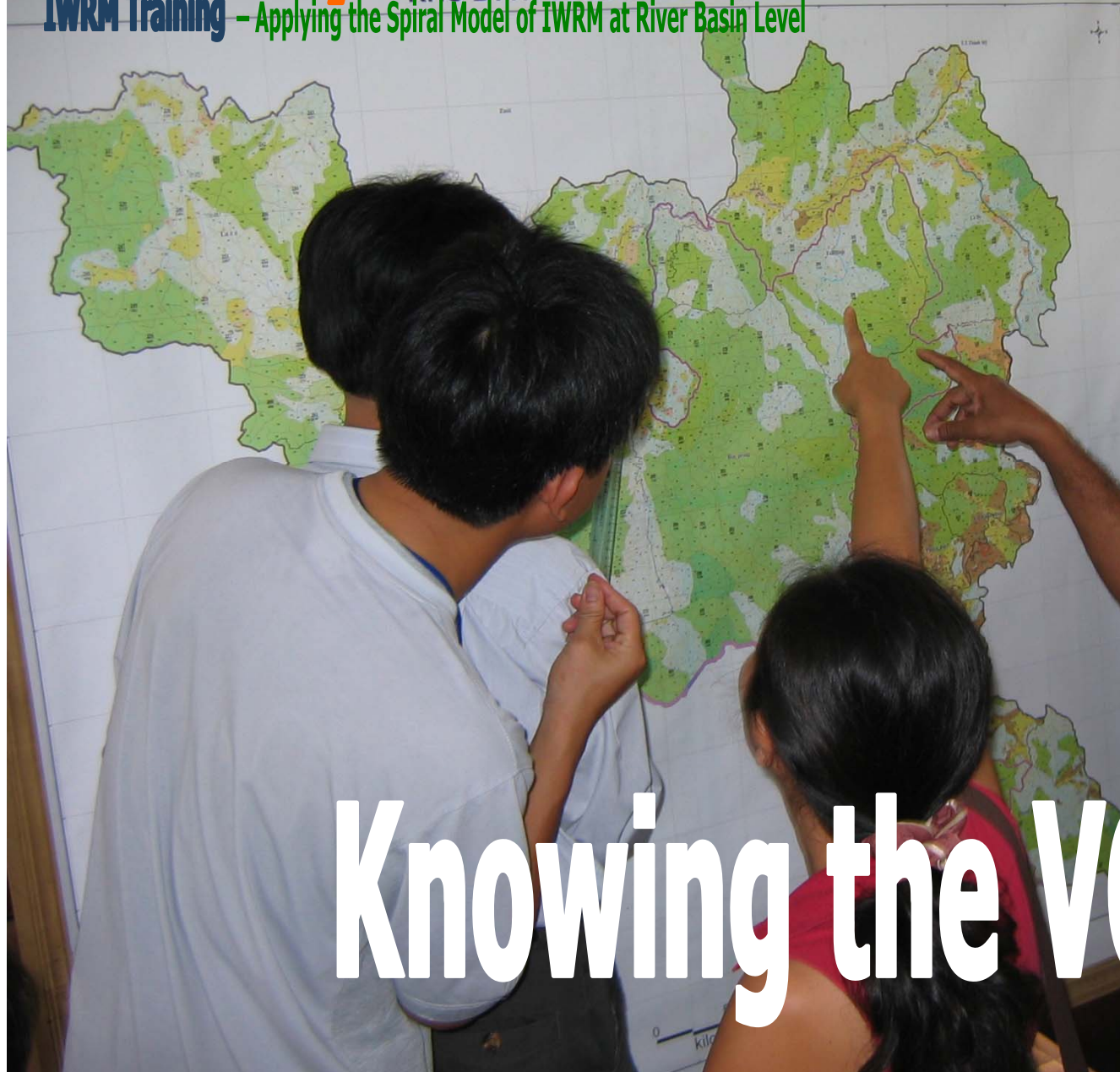
IWRM Guidelines at River Basin Level



Koichi Takano
Water Resources Management Specialist
Asian Development Bank

Keys for Success

IWRM Training – Applying the Spiral Model of IWRM at River Basin Level



Knowing the VGTTB basin



Thinking of sectors

Keys for Success

- Applying the Spiral Model of IWRM at River Basin Level



Interactions

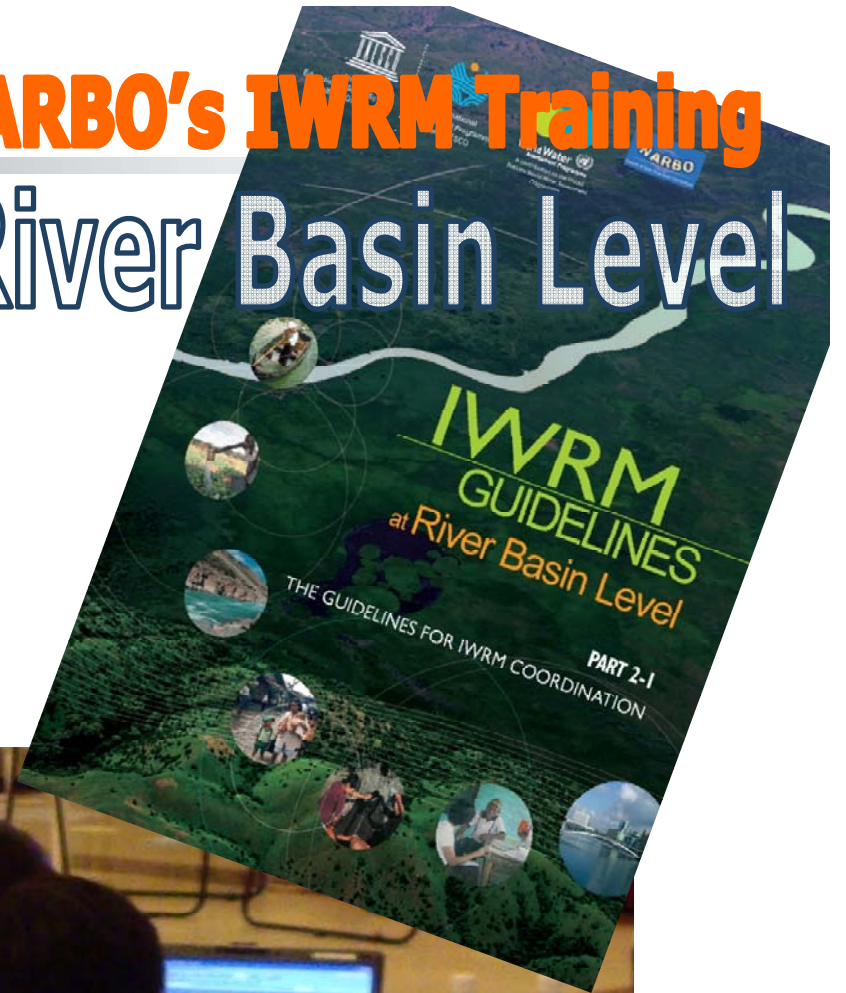
Main Reference Materials of NARBO's IWRM Training

IWRM Guidelines at River Basin Level



Launched at the 5th
World Water Forum

Pre-tested at the 5th
NARBO IWRM Training

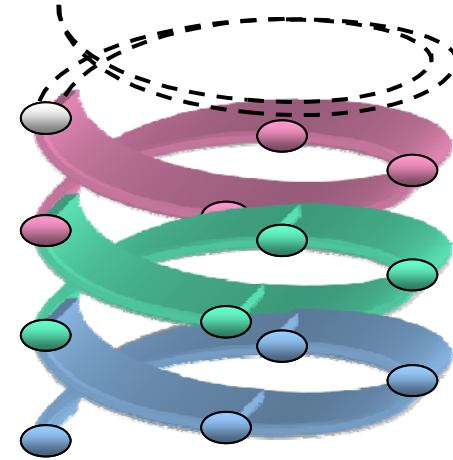


Implementing IWRM in basins

Adaptive Management

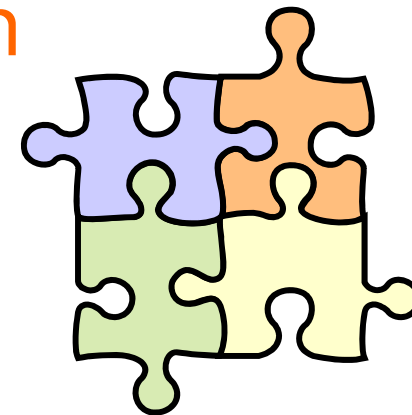
Increase a triple bottom line

- **Economic benefits \$**
- **Social benefits \$**
- **Environmental benefits \$**



Optimizing stakeholder satisfaction

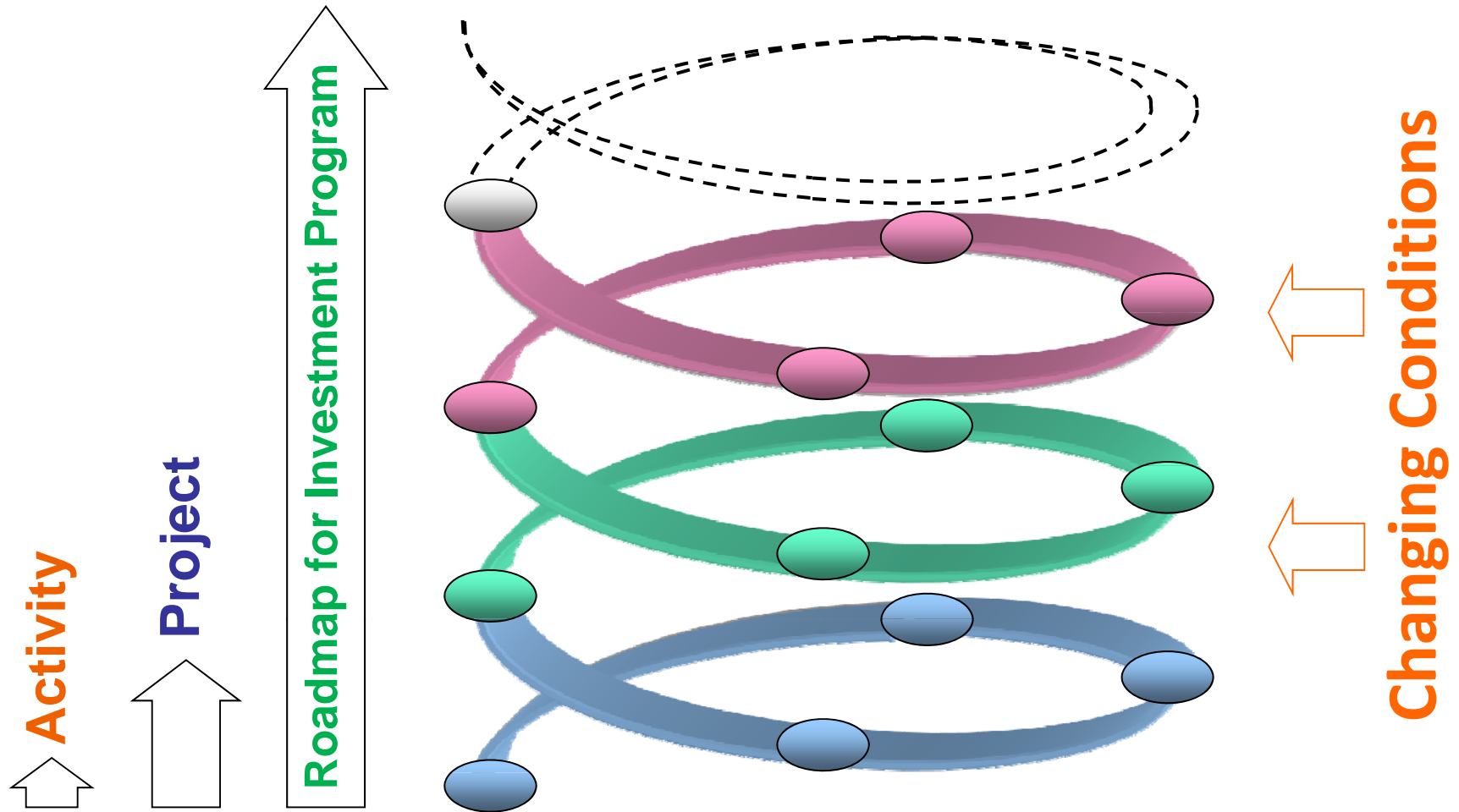
- **Adopt inclusive approach**
- **Find win-win solutions**
- **Generate buy-in for IWRM**



IWRM Process

*Finding Keys for Success
in adaptive management*

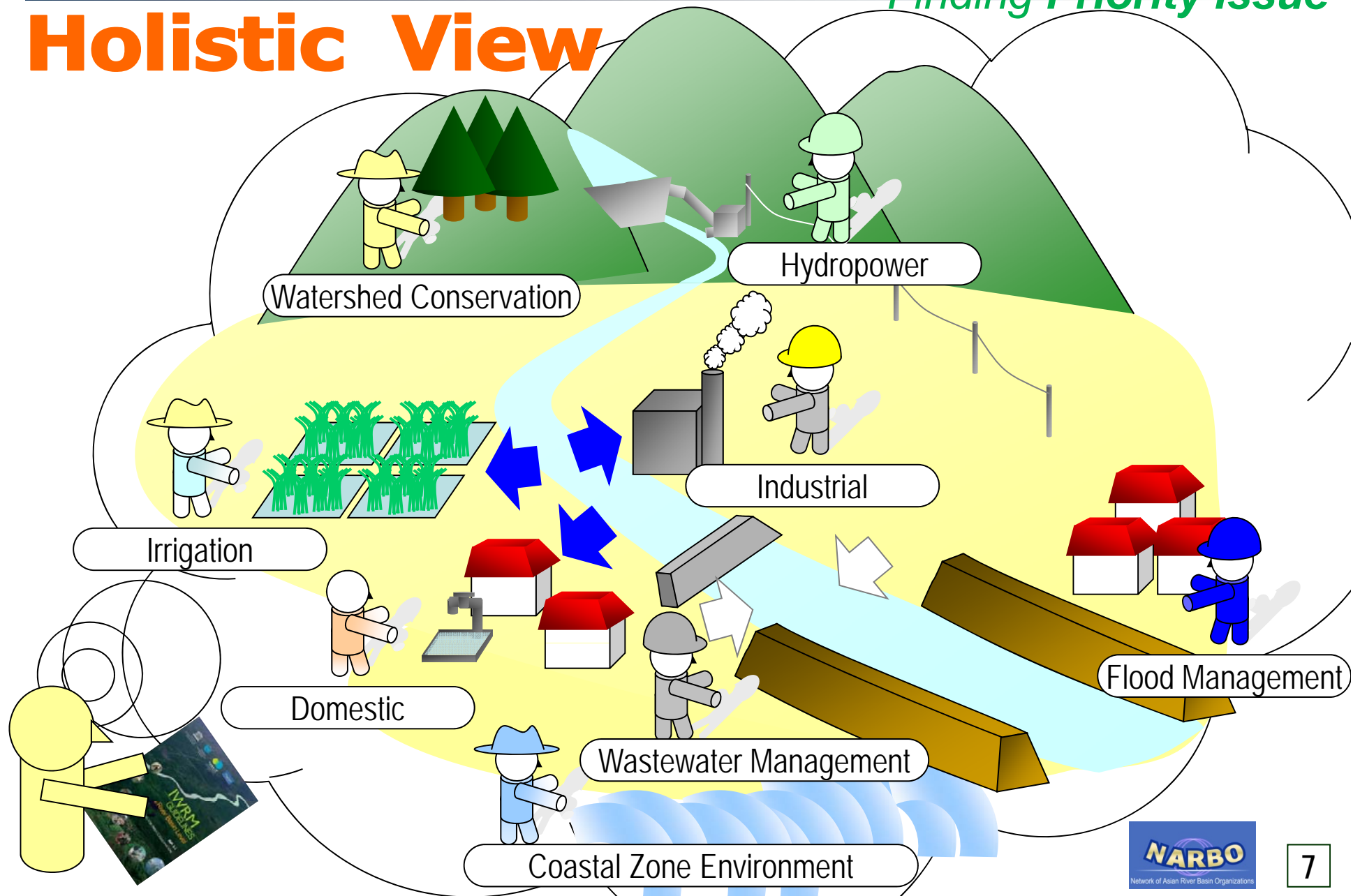
IWRM Spiral Model



Increasing Water Security

Holistic View

*Formulating Roadmap &
Finding Priority Issue*

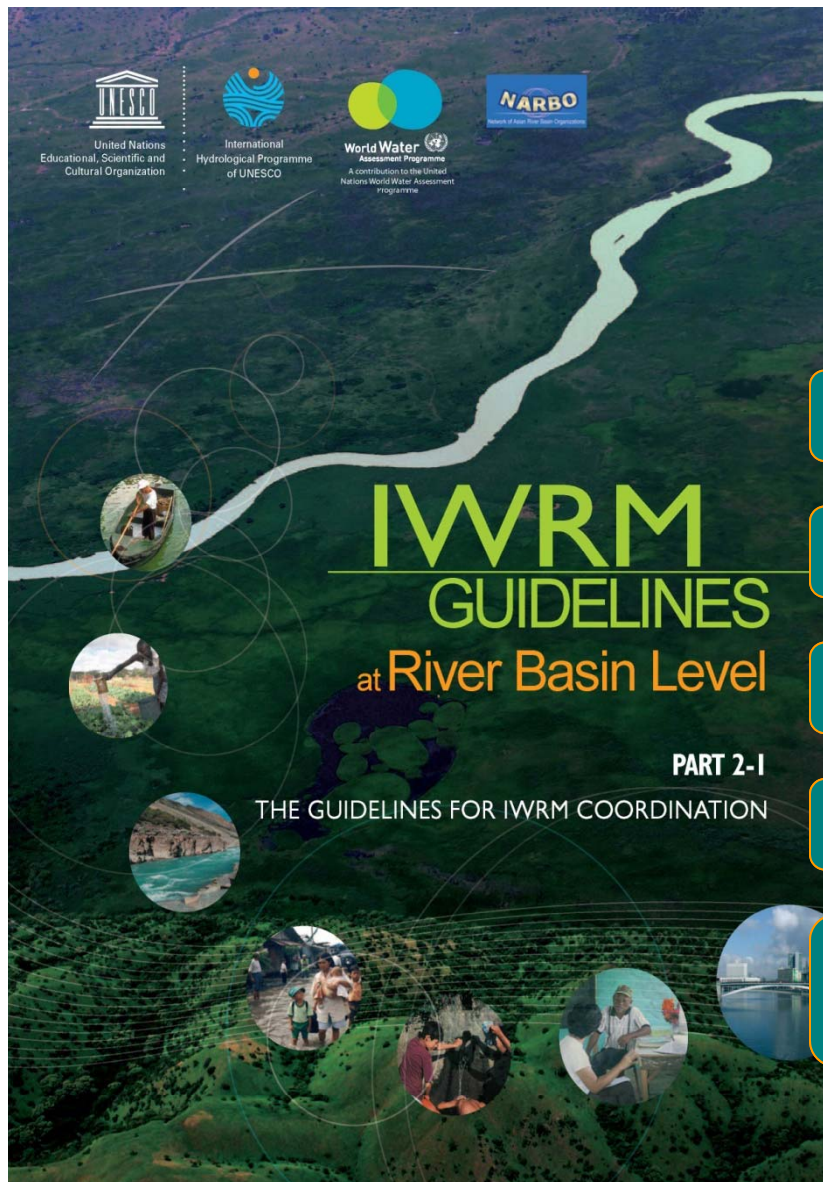


We need guidelines to help IWRM Practitioners!

- RBO practitioners (like you)
- Irrigation providers
- Domestic and industrial providers
- Hydropower developers
- Flood managers
- Environmental managers
- Politicians, others...



5 Books of Guidelines



Part 1 Principles

Part 2-1 The Guidelines for IWRM Coordination

Part 2-2 The Guidelines for Flood Management

Part 2-3 Invitation to IWRM for Irrigation Practitioners

Part 2-4 The Guidelines for Managing Environmental Sustainability

Message from Co-chairs



Eugene Z. Stakhiv
Technical Director,
International Center for
Integrated Water Resources
Management, ICIWaRM



Yasuro Nakajo
Executive Vice President,
Japan Water Agency

- IWRM is a process that evolves continuously over time – principles change, as do technologies and procedures.
- You cannot do everything at once. Set goals that are achievable within the given timeframe, and **start with what you have**.
- Enhance your IWRM expertise by **revisiting your experience in the light of the keys for success** presented in these Guidelines.
- **Convey your knowledge and wisdom** to other practitioners as well as to younger generations.
- If you face challenging situations in the frontline of the IWRM implementation, refer to these Guidelines once again, and **find your own Key for Success**.



Thank you for your participation!

