

# Good Practices – Basin Water

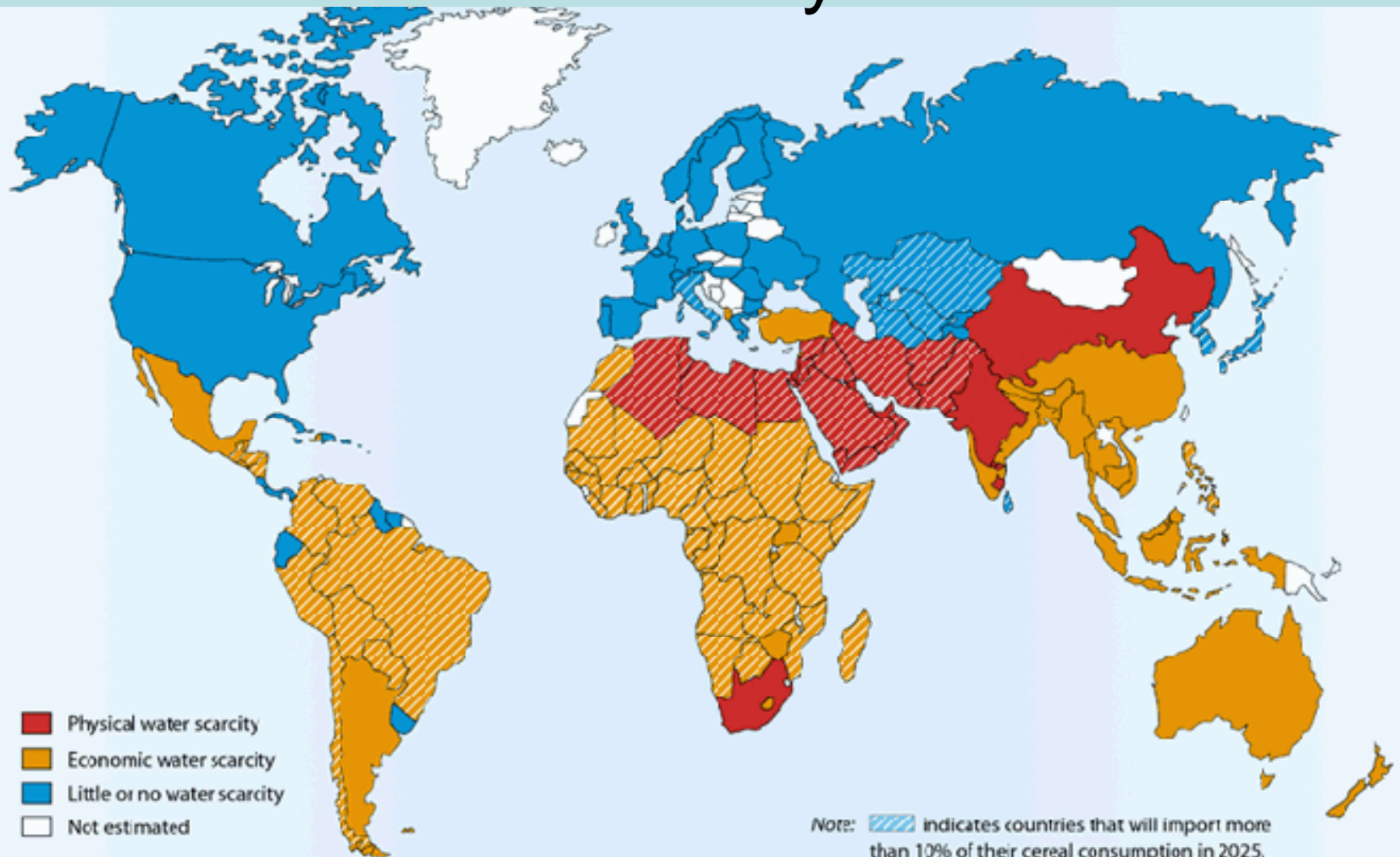
A person wearing a hat and a light-colored shirt is sitting in a small wooden boat on a river. The boat is positioned on the left side of the frame, and the person is looking towards the right. The water is calm, and there are some trees and vegetation in the background. The overall scene is peaceful and natural.

**Katsuji Matsunami**

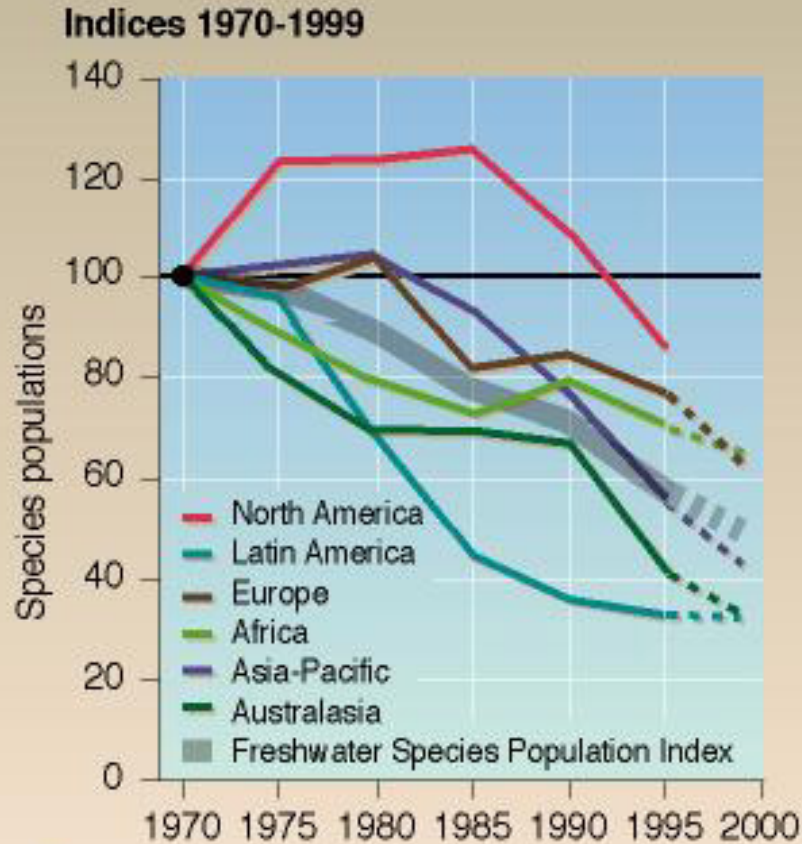
Agriculture, Environment and Natural  
Resources Division

Central and West Asia Department  
Asian Development Bank

# Challenge #1: Increasing Water Scarcity



## Changes in Freshwater Species Populations



DELPHINE DIGOUT  
MAY 2002

Challenge #2:  
Worsening Fresh  
Water Quality

# Challenge #3: Frequent Disasters



# Key Enabling Conditions

- Manage all waters in river basin in entirety – institutions for IWRM
- Manage water, on quantity and quality
- Manage risks – prevention and management, using non-structural measures.



# Strategy 1: Manage All Waters in Basin in Entirety

- Involve the RBO in developing a river basin IWRM program and assess performance through benchmarking and peer review



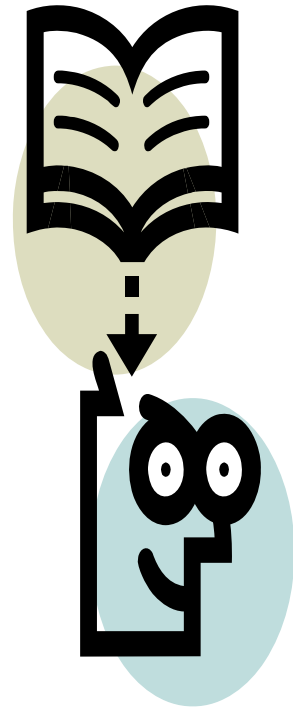
# Strategy 1: Manage All Waters in Basin in Entirety

- Organize multi-stakeholder platform as part of, or in conjunction with the RBO



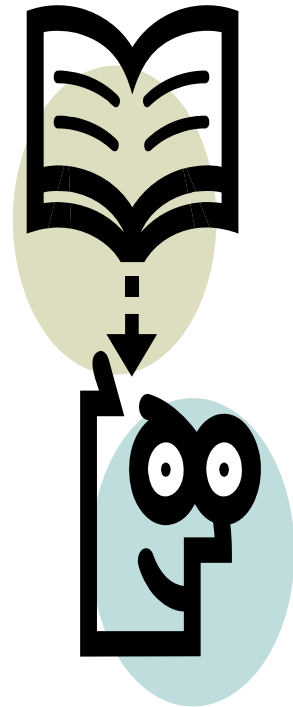
# Strategy 1: Manage All Waters in Basin in Entirety

- Form alliances with energy sector for development and operation of multipurpose infrastructure



# Strategy 1: Manage All Waters in Basin in Entirety

- Introduce water rights reform with care.



# Strategy 2: Support Making of Healthy Rivers

- Introduce water quality monitoring and reporting



## Strategy 2: Support Making of Healthy Rivers

- Provide incentives for wastewater treatment in cities



## Strategy 3: Develop Disaster Risk Management Strategy

- Adopt a policy to introduce integrated flood management



## Strategy 3: Develop Disaster Risk Management Strategy

- Apply innovative approaches in selected river basins



# Summary: Good Practices



1. Involve RBOs in IWRM
2. Organize multi-stakeholder platform
3. Introduce water rights reforms carefully
4. Introduce water quality monitoring and reporting
5. Promote wastewater treatment
6. Introduce integrated flood management
7. Apply innovative approaches in selected river basins