Session 8.a.2 - Education and training on water are not costs but investments

March 20, 2018 Tuesday - 9:00 - 10:30
Education and training on water are not costs but investments

Some introductory ideas

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Lessons from a different knowledge area: Systems Analysis

Why?

The database development life cycle demands time, dialogue and modeling effort
1) Requirements gathering to understand what persistent data users want to store.
2) Data analysis to develop a conceptual model of data structure and procedures of consultation of database
Lessons from a different knowledge area: Systems Analysis

Why?

If conceptual model is weak and it is developed in a hurry…

Later, we will need to spend much time to the system maintenance (around 70% of system life cycle spent in maintenance)

Consequence: system development cost becomes high
What is the connection to education?

**Time** is also necessary to develop scientific and technical literacy

- Time spent at basic school
- Time spent in professional development
What is the connection to education?

If we don’t have enough time to develop scientific and technical literacy.

Decision-taking processes can be full of wrong choices.
Wrong choices can lead to disasters, lack of efficiency and social injustice.
What is the connection to education?

**Time** is the only one factor?

**How to see interdependence among socio-environmental variables?** (interdisciplinary systemic view)

**What concepts should be mainstreamed?**
Water security? IWRM? Human right to water? Water justice?
concept maps as strategy
Challenges

**Short-term Goals** (where do we need to be in the next WWF?)
**Long-term Goals** (where do we need to be in 2030?)
**How do we get there?** (plan for scaling up, including some focus on good practices)