



Training of Trainers (ToT) Workshop

Ecosystem Management in Arab Region:

Concept to Local-scale Implementation
Welcome, Introduction, Orientation





Train the Trainers Workshop for Ecosystem Management: Concept to Local-scale Implementation

Welcome, Orientation, and Introductions

You are making a long term commitment to this; we will ask for specific goals and will follow up with requests for progress





Ecosystem Management: Concept to Local-scale Implementation

Module 1

**Workshop Welcome, Orientation,
and Introductions**





Learning Objectives

Our goal is to empower catchment managers and their staff to be able to design, implement and evaluate an ecosystem approach to informed decision making about water resources and the landscapes that influence their condition.





Goals

- Present and discuss the draft module on environment with experts in the sector;
- Test the integration process of Ecosystem-Based management and IWRM tools and adaptation measures and their possible incorporation in regional and national policies and plans;
- Present brief case studies from the Arab countries that relate to the subject and discuss possible inclusion in the draft module; and
- Discuss the finalization of the module based on the input and feedback received from the workshop participants.



Goals

- Have experienced hands on, highly interactive problem-solving in and around a problem of relevance to your professional lives
- Develop a strengthened conceptual foundation and toolkit that allow you to identify local catchment problems in an ecosystem –IWRM context, and empower you to solve the problem.



Goals

- Increase ability to develop and evaluate alternate management approaches
- Increase ability to identify, engage, and communicate with stakeholders

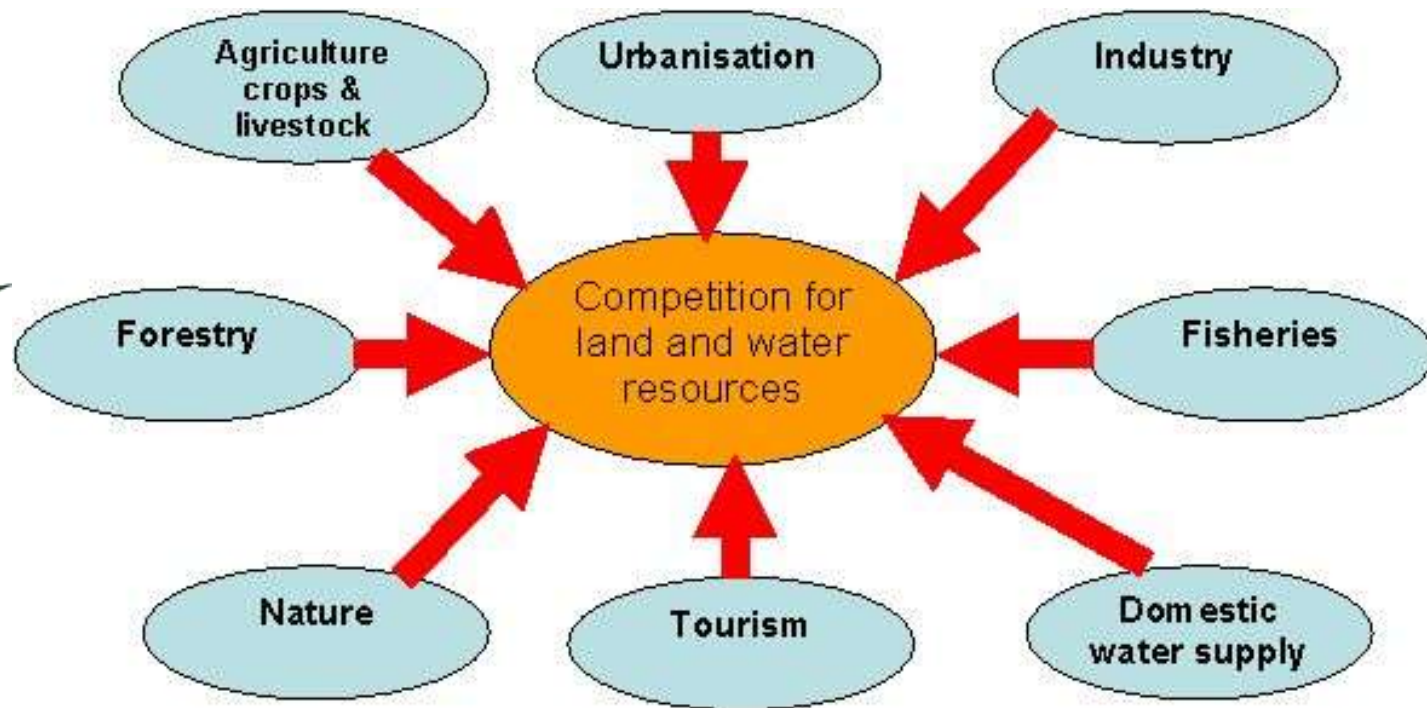


What's Stakeholder

- A person, group or organization that has interest or concern in an organization
- Stakeholders can affect or be affected by the organization's actions, objectives and policies.

What's Stakeholder

- The example of competition for land and water resource





What's Stakeholder

- The example of stakeholder in water resource management
 - Interest groups
 - Citizens
 - Federal, state, and local agencies



Agenda: Day 1

- Background knowledge leading to a conceptual catchment model
 - Projections of possible impacts of CC on water ecosystem and biodiversity
 - Framing catchments in an ecosystem context; considering flows of water and energy through a system helps understand management actions
 - IWRM is a globally applied tool that focuses on water management
 - Discuss IWRM and ecosystems, including ecosystem structure and function and how IWRM helps us understand that
 - Increase understanding of ecosystem state and potential impacts

This is the biophysical basis for our work



Agenda: Day 2

- Several tools ,ideas and case studies can help us understand catchment management goals and frame objectives
- With objectives in hand, we need to understand tools for achieving them
- In all cases, we work to guide human behaviour

This is the managerial foundation for our work



Agenda: Day 3

- **Management actions are based on values**
- **Our stakeholders are the people whose values we are supporting**
- **Integration of Ecosystem-**
- **Based management in IWRM**
- **tools for adaptation to**
- **Climate Change in catchment**





Day 3: Bringing it all together

By now, we will have

- Used background information to develop a conceptual model
- Discussed and revised that model in the field
- Discussed ways to understand goals, and tools for achieving those goals

Therefore, we now:

Assess current watershed conditions, understand stakeholders' needs, and select tools and resources needed to achieve & assess management goals and ensure better integration with IWRM tools





Questions?

- **Are there elements of the structure that are unclear?**
- **Do you feel you will be able to engage participants in those ways?**
- **Can you begin to feel ways you will want to customize this for your style and your participants?**