



WEAP

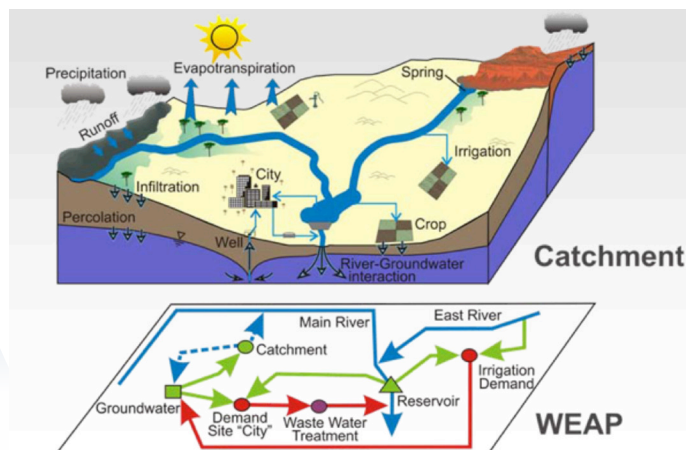
Training Course in Water Evaluation & Planning System Model

A Decision Support System for Integrated
Water Resources Management

October 16th-20th

Presentation

WEAP is comprehensive, straightforward and easy-to-use modeling software, and attempts to assist rather than substitute for the skilled planner. As a database, WEAP provides a system for maintaining water demand and supply information. As a forecasting tool, WEAP simulates water demand, supply, flows, storage, pollution generation, treatment and discharge. As a policy analysis tool, WEAP evaluates a full range of water development and management options, and takes account of multiple and competing uses of water systems.



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Watershed Unit, Program Climate
Change and Watersheds, CATIE

Online
registration

Contact

For more information
Training Area
Headquarters, CATIE
Cartago, Turrialba, 30501
Costa Rica
Tel. (506)2558-2433
capacitacion@catie.ac.cr





At this time, CATIE (Tropical Agricultural Research and Higher Education Center) and the University of Costa Rica (UCR) will offer a five day training course in WEAP based on exercises and applications of real case studies.

General objective

To understand, apply and interpret the water evaluation and planning system model (WEAP) in tropical watersheds

Content

1. Introduction
2. First steps in WEAP: WEAP in One Hour Tutorial
3. Handling of data
 - a. Supply and resources
 - b. Demand sites
 - c. Projecting hydrologic conditions (water-year method)
 - d. Working with reservoirs, water quality and financial analysis
5. Development of scenarios
 - a. Population/economic growth
 - b. Climate change
 - c. Water conservation/water development management strategies
4. Modeling catchments: working with time series and geodata (GIS)
5. Application / case study Costa Rica

Participants

This course is addressed to professionals working in watershed management, territorial planning and decision support system designers, among others. For participants some basic knowledge of GIS and general hydrological modelling procedure is required.

Language

The course will be taught in English and Spanish

Costs

The course has a cost of USD 2600, including certificate, teaching materials, health insurance, transfer airport-CATIE-airport, accommodation and coffee breaks.

Payment methods

Enter here to know the payment methods that exist according to your country of residence. For more information you can contact Danny Ramos at danny.ramos@catie.ac.cr, or by calling (506) 2558-2333.

Important dates

October 2nd: deadline for registration
October 16th-20th: dates of the course

Contact

Registration must be sent to

Training Area

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