



De la Marquesa weir, Júcar River. www.chj.es

Halting Desertification in the Júcar River Basin (HALT-JÚCAR-DES)

International Technical Workshsop on Water Balances

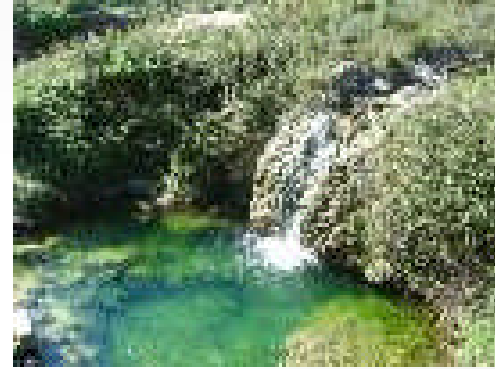
Madrid, 27 February 2013

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Introduction to the project

- Three main partners: EVREN (SME), EMWIS (International network), CHJ (Gov.).
- Scale: Jucar River basin District, in the east of Spain (pilot RBD in the first stage of the WFD implementation).
- Aim: obtain and assess environmental and climatic data, use systems/models and provide recommendations to save water resources.
 - **Develop Water Accounts (based on SEEA-W, UN)**
- Transfer results: dissemination to EU and non-EU countries mainly through EMWIS.



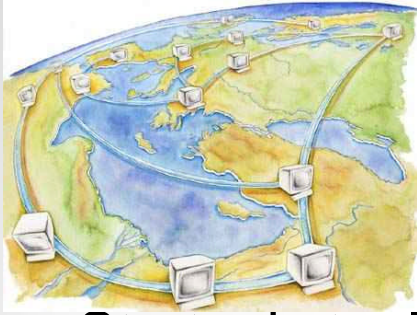
Júcar RBD

EVREN

- Environmental Consulting Firm (SME).
- 24 years of experience.
- Offices in Spain (Madrid, Valencia) and Ecuador (Quito).
- Areas of work:
 - Water resources, international projects, agronomy and forest resources, coastal management, land planning, solid wastes, sustainable touristic developments, environmental Impact Assessment, industrial environment,
- Projects developed for Spanish Ministry of Agriculture, Food and Environment, River basin authorities, regional governments, international entities (EC, Plan Bleu-UNEP...).



EMWIS/SEMIDE



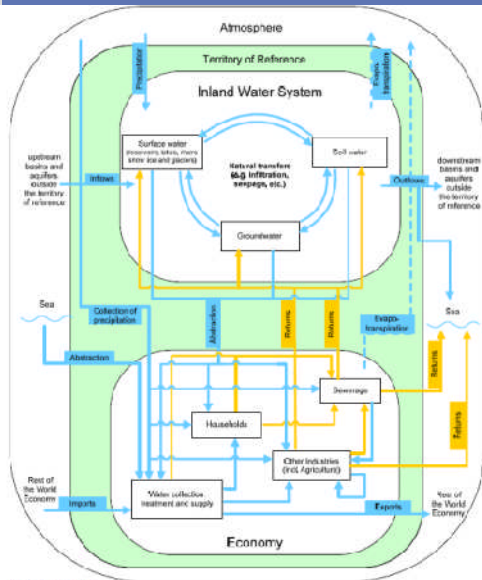
- Euro-Mediterranean Information System on know-how in the water sector
- Initiative of the Euro-Mediterranean Partnership.
- Strategic tool for exchanging information and knowledge in the water sector.
- Technical unit since 1999: 22 National Focal Points.
- Steering Committee: Water Directors from 13 Mediterranean countries.
- Joint Process: Coordinating working groups on water scarcity/Droughts and water quality monitoring
- Support non-EU countries in implementing National Water Information Systems able to feed SEEA-W
- Member of H2020 monitoring and ENPI-SEIS Med team

CHJ

- Júcar River Basin Authority (CHJ)-Ministry of Agriculture, Food and Environment. Autonomous public entity.
- Surface: 42.851km².
- Population (2009): 5,1 million.
- Mediterranean climate (average temp. 14-16°C; average annual rainfall 500 mm). High season variability.
- Relevant groundwater resources.
- Water scarcity & droughts; Desertification: overexploitation of aquifers and salinization of soils.
- Relevant demographic and touristic pressures.
- A river basin facing most of the water resources challenges!



Objectives



Source: after ISEA-Flair

- Contribute to ECRINS, water account exercise at the EU level, and Blueprint proposed actions.
- Use SEEA-W system and determine feasibility at the river basin level scales monthly.
- Obtain useful water accounts for managers, users and stakeholders

- Reach managers and local stakeholders by reviewing measures to save water.
- Data gathering (river discharge, rainfall, evapotranspiration, climate, groundwater, demands...), and data integration.
- Assessment and results: recommend feasible water saving options, propose management measures and targets.
- Dissemination activities.



Thank you for your attention!

**Questions and comments:
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Casas del Río, waterwheel
www.chj.es