



The Third International Conference on Wadi Hydrology Sana'a-Yemen September 5-8, 2005

Call for Papers

Background

UNESCO's Regional Office for Science and Technology for the Arab Region, Cairo Office, in cooperation with the Ministry of Water and Environment (the Republic of Yemen), are organizing the Third International Conference on wadi Hydrology. The conference, which is to be held in the city of Sana'a during the period 5-8 September, 2005 under the auspices of the President Ali Abdullah Saleh of Yemen, is co-organised by UNESCO – IHP Program, the Arab League Educational, Science and Cultural Organization (ALECSO), the Arab Center for the Studies of Arid Zones and Dry Lands (ACSAD), Islamic Educational, Scientific and Cultural Organization (ISESCO), International Islamic Calls Society, the National Commission of IHP in Yemen, the Ministry of Agriculture and Irrigation in Yemen, and Sana'a University.

This call for papers provides detailed information on the conference themes, instructions for authors and contact information for professional interested in submitting papers for the conference.

Conference Themes

The conference focuses on case studies from participating countries and practical experiences of participants in dealing with wadi systems. In particular papers, which report on planning and management lessons, will be given priority.

1. Applications of IWRM in wadi systems:
 - i. Community role in water management in wadi systems: traditional and current water management practices and experiences in wadi systems, including:
 - ii. Case studies of IWRM policies, planning and management on the national, regional and basin levels
 - iii. Requirements of IWRM in wadi systems, (legislative, planning, institutional reforms, technical and technological capabilities, and stakeholders participation)
2. Best practices for rainfall harvesting in wadi system
 - i. Water harvesting potential and technique
 - ii. The concept of water harvesting and the role of information technology in planning and design
 - iii. Terrace management
3. Groundwater degradation in wadi aquifers:
 - i. Impact of agricultural, urbanization, and industrial activities on wadi aquifers
 - ii. Impacts of artificial recharges
 - iii. Low cost wastewater treatment technologies for rural area, to protect wadi systems against pollution.
 - iv. Environmental management systems and issues
4. Models for joint management of internationally shared water resources of wadis systems:
 - i. Use of mathematical modeling for improved development and management of shared waters of wadis
 - ii. Application of modern techniques and specialized tools (e.g. GIS, isotope techniques, etc) in wadi systems management
5. Education, research and training in wadis systems
 - i. Research activities related to water scarcity and quality problems in wadi systems
 - ii. Data monitoring and analysis networks
 - iii. Role of water education and research institutions in knowledge development and dissemination and capacity building for wadi system management.

Landmark Dates

- Deadline for extended abstract submission: **April 30th, 2005**
- Notification of acceptance: **May 30th, 2005**
- Deadline for final paper submission in the required format: **June 30th, 2005**

Instructions for abstracts and articles submissions

Extended abstracts (and articles) should be in *Microsoft Word .doc* format.

Extended abstracts

Extended abstracts should have the following format:

- Length: **two** pages
- Font: Times New Roman, 12pt
- Line spacing: 1.5
- Margins: 3 cm left, 3 cm right, 2.5 cm top, 2.5 cm bottom
- No illustrations are permitted
- Keywords: between three and five keywords are required.

They should be mailed to:

Yemen

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Articles

Articles should be formatted according to the ASCE guidelines (see <http://www.pubs.asce.org/authors/index.html#specific>).

Large numbers of oral abstract submissions may mean that some abstracts must be moved to poster sessions due to time and space constraints.

Additional information and further questions

Questions concerning abstracts and articles submissions should be directed to:

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