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# 13<sup>TH</sup> INTERNATIONAL DRAINAGE WORKSHOP (IDW) MARCH 2017, AHWAZ, IRAN



## THEME:

**Drainage and Environmental Sustainability**

## TOPICS:

- Measures to lower volume of drainage water;
- Measures to improve drainage water quality;
- Adaption of new design criteria in favor of the environment;
- Application of alternative drainage methods.

Iranian National Committee on Irrigation & Drainage (IRNCID)  
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## Invitation from IRNCID



This is my great pleasure, on behalf of Iranian National Committee on Irrigation and Drainage (IRNCID), to announce the holding of 13<sup>th</sup> International Drainage Workshop (IDW)

of International Commission on Irrigation and Drainage (ICID) in I.R. Iran in March 2017. Hereby, I respectfully invite all National Committees of ICID and other interested individuals to attend in the workshop.

It may probably seem that drainage problems will gradually cease to exist due to intense irrigation water scarcity in arid and semi-arid regions and, hence, there would be no need to drainage systems anymore. However, it is necessary to consider that although the inadequacy of water availability for irrigation results in reduction of amount of water being used in arid regions, drainage is needed to preserve salt balance in soil, and to control water table in some lowlands and flat plains with mild slope and heavy soils.

Moreover, drainage is necessary in humid regions so that excess water can be evacuated resulting in soil moisture reduction required for better field

preparation.

In my country, Iran, there are currently more than 240,000 hectares of lands equipped with drainage systems. In the near future, it will extend up to ca. 550,000 hectares upon implementing of existing projects of which ca. 450,000 hectares will be located in Khuzestan province. Khuzestan is in southwest of the country. Enjoying ample water and soil recourses and suitable climate, Khuzestan is an important area for agriculture of Iran. For that reason, the 13<sup>th</sup> IDW will be held in Ahwaz; i.e. center of Khuzestan. Khuzestan Water and Power Authority (KWPA) will host the workshop.

I trust that Iran will welcome you over. You will have memorable moments during memorable nights in Ahwaz and along the rivers of Karoon, Karkheh, Arvand, and beautiful beaches of Persian Gulf. We will have all tried to prepare an effective and informative workshop and extensive side events for all attendees to travel to and stay in Iran and to have amazing memories.

Looking forward to meet you all in Ahwaz, Iran in March 2017,

S. A. Assadollahi  
Secretary General, Iranian National Committee on Irrigation and Drainage (IRNCID)

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MARCH 2017, AHWAZ, IRAN

## Message of the organizer



On behalf of the Khuzestan Water and Power Authority (KWPA), I have the pleasure to invite all drainage researchers, scholars and experts to participate in the 13th International Drainage Workshop which will

of Haft Tappeh sugarcane project in 1970s following the construction of Shavoor open drainage system constructed in 1956. In addition to modern irrigation and drainage networks, one can find old unique hydraulic structures in Khuzestan, such as Chogha Zanbil Ziggurat, an ancient complex built around 1250 B.C. with water physical treatment facility.

I am quite sure that being familiar with the development of irrigation and drainage networks in the region, along with visiting ancient water structures in the historic surrounding towns will make memorable moments during your participation at 13th IDW. We will do our best to take all the opportunities to provide all participants a memorable stay and a successful workshop.

Sincerely;

M. R. Shamsaee  
Chairman and Managing Director  
Khuzestan Water and Power Authority

be held in Ahwaz, Iran in March 2017.

Khuzestan province in the South West of Iran, with its unique capacities in water, soil and climatic conditions, has long been an attractive destination to different ethnic groups. Hot and dry summers and mild winters have made double cropping possible. This is one of the unique and important natural characteristic of the province.

Salt affected heavy soils of Khuzestan need drainage facilities to be irrigated. The first subsurface drainage system in the country was implemented in 12000 ha.

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