



NATIONAL SEMINAR on WATER RESOURCE AND HEALTH HAZARDS IN RAJASTHAN: CHALLENGES AND INITIATIVES

13th - 14th March, 2015



Convener

Dr. Alpna Kateja

Professor and Head

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University of Rajasthan

Jaipur



NATIONAL SEMINAR on WATER RESOURCE AND HEALTH HAZARDS IN RAJASTHAN: CHALLENGES AND INITIATIVES

Water is universally accepted as a symbol of life as it is the most crucial for maintaining an environment and ecosystem conducive to sustaining all forms of life. The available surface and ground water resources, which is part of a larger ecological system, are renewable but limited. India has 16 per cent of the world population where as the water resources are only 4 per cent. United Nations General Assembly recognized the right of every human being to have access to sufficient water for personal and domestic uses, which must be safe, affordable and physically accessible. The main reason is protection of health and well-being of the people and the environment. It also affects livelihood as productive working days of earning members are lost due to their sickness or in taking care of sick members of the household and they thus get trapped in the vicious cycle of poverty.

Owing to water shortage and escalating fertilizer costs, farmers are using raw sewage to irrigate and fertilize their cultivable land particularly near urban areas. When this water is used for irrigation, farmers' risk absorbing disease-causing bacteria, as do consumers who eat the produce raw and unwashed. This leads to numerous deaths each year because of diarrhea-related diseases, including cholera, according to WHO statistics.

Similarly, drinking water quality - surface as well as groundwater, has been a major issue due to systematic deterioration because of indiscriminate practices of waste disposal and lack of conservation initiatives against pollution.

Rajasthan, the largest state in the country with more than 10.5 per cent of the country's geographical area, supporting more than 5.5 per cent of the human population and 18.70 per cent of the livestock has only 1.16 per cent of the total surface water available in the country. Rainfall is subject to high degree of variability, inadequacy and uncertainty due to climatic conditions in the state. The availability of water is thus limited but its demand is increasing rapidly due to growing population, rapid urbanization and rapid industrialization and economic development.

There is an intense competition for fresh water resources in the state – primarily between agricultural and domestic uses. Water tables continue to fall at an unprecedented rate and groundwater is still continuously being mined at an unsustainable scale in 60 per cent of Rajasthan's 237 community development blocks; extraction of water from the ground is actually exceeding the replenishment, which means the state is digging into fossil water which has been inherited over hundreds of centuries. This is threatening water security.

ABOUT THE SEMINAR

The Seminar primarily focuses on issues related to water resources and health by taking a holistic view from demand and supply for various developmental activities at watershed level to river basin level, from a small village to a big city of Rajasthan.

The seminar promotes a dialogue among representatives from different sectors and allows them to present their beliefs about which areas may merit further function. The aim of our activities is to create possibilities for sharing knowledge, increasing co-operation and research.

Considering the time and resource constraints, the deliberation would focus but not be limited to the following subthemes:-

WATER GOVERNANCE

- Rajasthan State Water Policy
- Rural Drinking Water Policy
- Institutional Capacity of Management of Water
- Public-Private Partnership in Management
- Water Pricing
- Regulatory measures: Water laws

DRINKING WATER, SANITATION AND HEALTH

- Water and vector borne diseases
- Water pollution and health hazards
- Drinking water standards

WATER MANAGEMENT & CONSERVATION

- People's participation in water conservation
- Recent technological advancement in water conservation
- Traditional water harvesting and management system

CAPACITY BUILDING IN WATER CONSERVATION & MANAGEMENT

- Role of electronic and print media
- Role of NGOs



ABOUT UNIVERSITY

On the 8th of January 1947, the University of Rajputana appeared like a star on the educational horizon of pre-independent India. That little star now called the University of Rajasthan has acquired the status of University with Potential for Excellence. Over the years the University has redefined itself keeping in mind the changing trends of the educational system. The University motto, "Dharmo Vishwasya Jagatah Pratishta" calls upon the faculty and the students to spread this Dharma throughout the world, to make the planet Earth a better place to live. For the University academic considerations and academic responsibility is its first priority. It envisages promotion of excellence in education and research by inculcating independent critical thought and scientific temper. Each year it prepares students for careers in Science, Social Science, Humanities, Commerce, Management, Fine Arts and Sports.



ABOUT JAIPUR

Jaipur, the largest city and the capital of Rajasthan, is also referred to as Pink City. Built by Sawai Jai Singh, this was India's first planned city. With spectacular hilltops and stunning fortresses, Jaipur has become a major tourist attraction among both national and international tourists. This royal city captivates travellers as it is known for its rich culture and tradition, magnificent art and artefacts, and brilliant past. The serene temples, the long standing forts and palaces, and beautiful havelis with royal touch to them; add on to the glory of Jaipur. Wonderful landscapes, marvellous flora and fauna, picturesque views; all together create a mesmerising view of this place. Only forts and monuments aren't the attractions of this pink city, the intricate handicraft items and exquisite jewellery also catch the eyeballs of tourists. This fascinating city with its romantic charm takes you to an epoch of royalty and tradition. It is included in the Golden Triangle tourist circuit, along with Delhi and Agra.



Date & Venue

The seminar will take place on **13th & 14th March, 2015** in the main campus of University of Rajasthan, Jaipur.

Paper Submission

Contributors are advised to mail abstract of the paper not exceeding 500 words. Submissions must be original contributions. Authors of the accepted paper must guarantee that at least one of the authors will attend the conference and present the paper. Full paper should be submitted latest by 15th December, 2014 at **upeseminar2015@gmail.com**. The papers of the registered candidates will be published in the proceedings. We plan to publish selected articles in the form of edited book for which we already have consent from a reputed publisher.

Key Dates

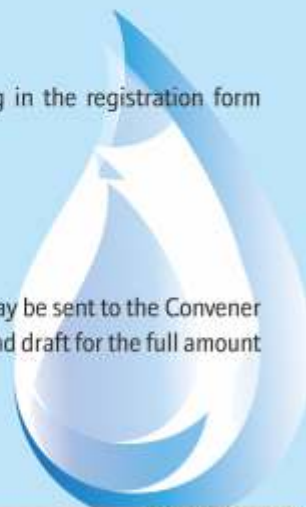
Submission of abstract	:	2014-11-15
Notification of acceptance	:	2014-11-30
Submission of full paper	:	2014-12-15

Registration

All participants are requested / advised to get registered by filling in the registration form available in hard copy from the office of the Convener of the Seminar

Delegates from Industry	:	Rs. 2500
Academicians	:	Rs. 1500
Research Scholars & P G Students	:	Rs. 1000

On receipt of the acceptance letter, duly filled-in registration form may be sent to the Convener of the Seminar on or before 15th December 2014 with a crossed demand draft for the full amount in favour of the **Organizing Secretary, National Seminar**.



PATRON

Dr. Dev Swarup

Vice Chancellor
University of Rajasthan
Jaipur

ORGANISING COMMITTEE

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Dr. Rashmi Jain
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Registration

- Registration fee can be paid either in cash or by demand draft. Cheques will not be accepted.
- DD has to be made in the name of Organizing Secretary, National Seminar, payable at Jaipur.
- Registration is mandatory for all participants.
- In case of joint authorship, each author has to register.
- Registration Fee once paid will neither be refunded nor transferred in other's name.
- No kit will be delivered to registered participants, if they do not attend the conference.
- No certificates will be issued to absentees.
- No registration will be made after the last date of registration.
- Limited travel grant is available, Second class AC train fare will be given to selected participants.
- No requests for registration after the last date of registration will be entertained.
- Please write full name and mobile no. on hind side of the DD.
- Organizers will not be responsible for No or late delivery of DD.
- Registration fees include stay at university guest house, 2 luncheons, dinner, conference kit and certificate.
- Registration forms are also available on the university website www.uniraj.ac.in. Participants can download the forms to register themselves. Xerox of the forms can also be used for the same.

Accommodation

- Kindly inform organizers for accommodation latest by 31.12.2014. Post this date participants will have to arrange for their own accommodation.
- Separate payment will have to be made for accompanying members. Children above 10 years of age will have to be registered.
- * Expenses incurred on stay in private hotel will be borne by the participant himself.



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REGISTRATION FORM

1. Name of Participant Prof./Dr./Smt./Ms./Shri*:
2. Designation/ Profession*:
3. Organization*:
4. Address for communication*:
.....
5. Mobile No.:.....
6. E-mail*:
7. Whether contributing a paper* : YES/NO:
8. If YES, then title of the paper*:
.....
9. Whether somebody accompanying*: YES/NO:
If YES, number of people accompanying:
10. Accommodation required*: YES/NO:
If YES: University Guest House / Private Hotel *
11. Details of registration fee*: Deposited by Cash/DD
DD No: Bank:.....
DD amount Rs.: Date of issue:
12. Travel details:
Date and time of arrival:
Mode of travel: BUS/TRAIN/FLIGHT
Date and time of departure:

Date:

Signature of participant: