Celebrating 100 years of His Amazing Grace

INTERNATIONAL WORKSHOP ON

Water Quality Research to evaluate the effects of Agricultural Conservation Practices utilized in the United States and India

7th - 8th September, 2009

ORGANISED BY

Allahabad Agricultural Institute
Deemed University

IN ASSOCIATION WITH

United States Department of Agriculture

Agreement No: 58-6408-8-149FN

CENTENARY CELEBRATION
1910 - 2010

Preamble

Water is a renewable resource, but it's availability is variable and limited. Almost all the countries in the world experience water shortages during certain periods of the year. The quality and quantity of available water is an important driver of economic, ecological and social sustainability. Clean water resource per capita are declining rapidly as the needs of the growing population increases. Allocating water is an existing problem between and within countries, industries, communities and individuals.

Introduction

Clean portable water remains a major international issue. Worldwide agriculture consumes 87% of the fresh water thus releasing sediments, pesticides, animal manure, fertilizer, inorganic and organic matter into the hydrological cycle. High yield is often obtained from the required dose of agrochemical application but in this process the surface and ground water gets polluted. The most severe water quantity degradation caused by excessive application of agrochemical occurred in central Europe, Belgium, Netherlands, U.K. and parts of North America. India supports 18% of the world's population and 15% of its livestock on nearly 2.2% of world's geographical area. In the last 50 years, the gross cultivated area in India has increased from 132 Mha to 192 Mha, and the cropping intensity has increased from 111% to 135%. As India is trying to increase it's food grain production, fertilizer consumption is expected to increase. India also produces 4720 metric tones of pesticides of which 61% is used as insecticides, 19% as fungicides, 17% herbicides and others 3%. The fine sediment yield from agricultural lands is also a major concern for loading pollutants in water bodies.

About the Workshop

As a part of agricultural knowledge initiative programme between USA and India, opportunities are provided for collaboration and exchange of technology between American and Indian scientists. One of the major areas of collaboration is to investigate the effect of agricultural practices utilized in India and USA on hydrology, sediment and chemical transport at field to watershed scales. As per the agreement singed between AAIDU and USDA (Agreement No: 58-6408-8-149FN) during this workshop, the participating scientist will provide transfer of technology concerning necessary monitoring techniques and modeling tools needed to evaluate the capability of conservation practice to control sediments, nutrients, and chemicals in runoff.

The Major Themes

1. Non Point Source Pollution Control and Modeling
2. Water Quality Modeling
3. Remote Sensing and GIS Application in Water Resource Management
4. Integrated Watershed / Water Quality Management
5. Effect of Land Use on Sediment and Nutrient Transport
6. Environment Impact Assessment of Water Resource Projects
7. Strategies for Sustainable Land and Water Resource Management
8. Agricultural Waste Management

Special Lectures

Eminent Scientists / Policy makers will be invited to deliver special lectures.

Presentation of Selected Papers

Selected speakers will be invited to make presentations on their papers already received, on the theme for the workshop.

Language

The official language of the workshop will be English.

Venue

Allahabad Agricultural Institute Deemed University, Allahabad 211007, U.P., India.

Duration

The Conference: September 7th-8th, 2009

Schedule

Deadline for submission of Abstracts: 6 June 2009
Notice of Acceptance: 12 June 2009
Full Paper Due: 15 July 2009
Early Registration without payment due: 14 August 2009
Participants interested to contribute oral presentations are invited to submit a one page abstract (upto 500 words) on a A4 size paper, Times New Roman font 12mm, 25mm all around margin. Only those papers which are accepted will be published in the Proceedings. **All official correspondence will be at intwsaaidu@gmail.com**
(All Abstracts as well as full length paper will be submitted through electronic medium only)

Registration Fees
(to be submitted by 14 August 2009)

Foreign Delegates
Delegates: US$ 60
* Students/Research Scholars: US$ 40
For each accompanying member :
US $ 40

Indian Delegates
Delegates: INR 2000.00
* Students/Research Scholars: INR 800.00
For each accompanying member : INR 800.00 (Indian)
* Students/Research Scholars have to provide a certificate from their Head of Institution/Department for availing of these rates.

Payments can be made by Draft or Check in favour of Registrar, AAI-DU, payable at Allahabad and mail to Dr. D. M. Denis, Organizing Secretary, Dept. of Soil Water Land Engineering and Mgt., College of Agri. Engineering and Technology, Allahabad Agricultural Institute - Deemed University, Allahabad -211007, U.P. India

Accommodation*
A wide range of accommodation varying from 3-star hotels to guest houses will be available. Tariffs are as under:

i.Medium Range Hotels (3-4 stars)
Single occupancy: US $ 100-150/day
Double occupancy: US $ 200/day

ii.Unstarred Hotels
Single occupancy: US $ 50-100/day
Double occupancy: US $ 50-125/day

Please Note:
These tariffs are based on current rates; however, they may change by the time of the Conference.
Limited accommodation may be also available for the delegates from India in Guest House at the Allahabad Agricultural Institute Deemed University.

***No T.A., D.A. will be paid to the participating Scientists**

About Allahabad Agricultural Institute Deemed University

The Allahabad Agricultural Institute Deemed University was established in 1910 by Dr. Sam Higginbottom as an ecumenical institution of the Christian churches and church organizations in India. On 15th March, 2000, vide central government notification no. F-9-26/94-U3, the Institute was declared a Deemed University and is headed by the visionary Vice-Chancellor Rev. Prof. (Dr.) Rajendra B. Lal. Allahabad Agricultural Institute Deemed University has been accredited with B++ by NAAC. It is the first Institution in the country to impart scientific agricultural education. It has trained thousands of national and international students in the field of agricultural science and technology. It is the member of International Association of Universities. The University offers 34 Under graduate, 73 Post graduate, 11 Diploma and Doctorates in various disciplines.

About United State's Department of Agriculture

The United State's Department of Agriculture is a dynamic organization that is able to enhance agricultural trade, improve farm economics and quality of life in rural America, protect the nation's food supply, improve the nation's nutrition and protect and enhance USA's natural resource base and environment. It provides leadership on, agriculture, natural resource, rural development and related issues based on sound public policy, the best available science and efficient management.

The objectives of the United State's Department of Agriculture are:

-:- Expand international trade for agricultural products and support international economic development.
-:- Expand domestic marketing opportunities for agricultural products and strengthen risk
-:- Management, the use of financial tools, and the provision of sound information to help farmers and ranchers in their decision-making process.
-:- Further develop alternative markets for agricultural products and activities.
-:- Enhance food safety by taking steps to reduce the prevalence of foodborne hazards from farm to table and safeguard agriculture from natural and intentional threats.
-:- Improve nutrition by providing food assistance and nutrition education and promotion.

STEERING COMMITTEE OF THE WORKSHOP

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Vice Chancellor
AAI- DU, INDIA

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Dr. C. Das, ICAR, (Borlaug Fellow), India
Dr. Gouranga Kar (Borlaug Fellow), India
Dr. A. Upadhyay, ICAR, India

Dr. D. B. Singh, AAI-DU, India
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Dr. U.P. Singh, GBPUAT, India
Dr. Y.M. Kool, India
Dr. D.K. Singh, IARI, India
Dr. R.P. Singh, GBPUAT, India
Dr. Indrajeet Chaubey, USA
Dr. V.C. Agrawal, India
Dr. H.K. Kazmi, India
Dr. R.S. Kanwar, USA
Dr. M. Abdul Ghani, Bangladesh
Dr. J.R. Jensen, Denmark
Dr. C.R. Jensen, Denmark
Dr. Motari, ICAR, (Borlaug Fellow), India

Member Secretary

Dr. D. M. DENIS
Borlaug Fellow (India)
AAI DU, India.

www.aaidu.org

INTERNATIONAL PARTNERS

Dronten Professional Agricultural University
Netherland

Campus Outreach, Minneapolis
USA

Faculty of Life Sciences
University of Copenhagen, Denmark

School of Veterinary Science, University of Queensland
Australia

National Sedimentation Laboratory
USDA, USA

Rakuno Gakuen University
Japan

University of Riverside, Riverside, CA
USA

School of Agricultural Environmental Sciences
Alabama, A & M University, Alabama, USA

Waikato Institute of Technology (Wintec)
Hamilton, Newzealand

Asian Institute of Technology
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Tribhuvan University
Kathmandu, Nepal

SAILCON Education Group, China
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Henan Finance & Economy University, Henen, China
Linyey Technology University, Luoyang , China
Hefei University, Hefei , china
Anqung Vocational College, Anqing, China

MEMBER

Association of Indian Universities

International Association of Universities

About Allahabad

Allahabad is synonymous to Sangam. The city has been named so because it is situated on the confluence of Ganges, Yamuna and mythical river Saraswati. That is why; Allahabad is counted among the holiest of cities in India. A holy fair called Kumbh marks the place. The following are some of the tourist spots in Allahabad
Allahabad Fort, Anand Bhawan, Alfred Park
Allahabad Museum, Allahabad University
IIIT Allahabad, Khusrau Bagh, Minto Park

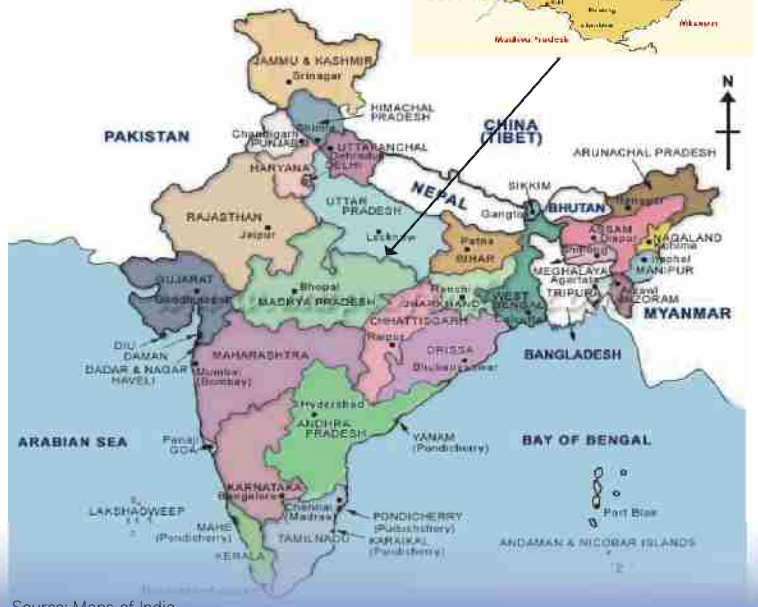
To Reach Allahabad

Allahabad is well connected:

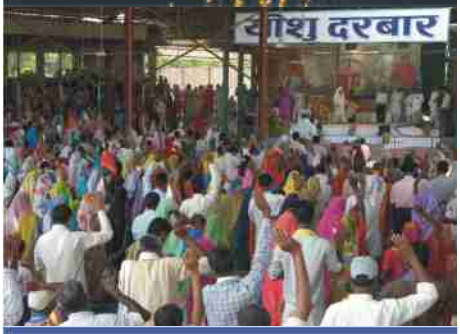
By Air Two daily flights are available from New Delhi. Frequent flights to Varanasi, 120kms from Allahabad

By Rail Allahabad is well connected by trains with all major cities, viz. Calcutta, Delhi, Jaipur, Lucknow and Mumbai. The main station in Allahabad is Allahabad Junction. Several expresses as well as super fast trains ply to and from Allahabad.

By Road Allahabad, on National Highways 2 and 27, is connected to all parts of the country by good roads. Buses ply to all the neighboring as well as far-flung places such as Varanasi, Lucknow, Kanpur, Patna, Jhansi and Gorakhpur among others. Both Uttar Pradesh State Road Transport Corporation as well as Private players operates these buses.



Source: Maps of India



For More Information Contact:

Dr. D. M. Denis
Organizing Secretary & Associate Professor
Dept. of Soil Water Land Engineering and Mgt.
College of Agri. Engineering and Technology
Allahabad Agricultural Institute
Deemed University, Allahabad -211007, U.P. India
Email : dmd2003@rediffmail.com
Phone : 91-532-2684295, 9415324345
Fax No. : 0532-2684593
Website: www.aaidu.org