The 45th Annual Convention of ISAE and International Symposium

on

Water for Agriculture

January 17-19, 2011

at

College of Agriculture, Dr. PDKV Campus, Maharajbag, Nagpur, Maharashtra, India

Organized by

Indian Society of Agricultural Engineers
and
Dr Panjabrao Deshmukh Krishi Vidyapeeth, Akola

Co-Sponsored by

All India Agricultural Machinery Manufacturers Association
American Society of Agricultural and Biological Engineers
Canadian Society for Bioengineering
ISAE Executive Council: 2010-12

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Er. K.S. Ghatode, Assistant Professor of Agricultural Engineering, Agriculture College, Nagpur

Organizing Secretary
Dr. A.B. Kubde, Professor of Agricultural Engineering, Agriculture College, Nagpur
Food and water are the two most important issues for world peace and social security in the 21st century, especially for countries in South Asia. World population is expected to increase from 6 billion today to 9 billion by the year 2050. This increase in population will demand more resources including food and water. Several studies indicate that world food production must increase by 50% by 2030 and 100% by 2050 from the current production levels to feed the increasing population. Therefore, key question facing the global society today is how to increase food production to feed the increasing population in the world and how much water would be needed to produce enough food to meet targets by 2050. It is not a simple task and will require innovative and collaborative discussions between countries to develop right water policies and make appropriate investments in water projects worldwide.

India and other countries in South Asia are facing some of the most challenging water issues. With increasing population and climate change scenarios, the demand for water will continue to increase for irrigation to meet food security needs. Therefore, water resource management is of great importance to India and we must develop strategies for efficient water use for irrigation and reuse of poor quality water for agriculture after primary treatment. About two-third of Indian agriculture is dependent on rainwater and livelihood of about two third of population depends on rain-fed land. Rainwater management for life saving irrigation of crops during dry spell is key issue for ensuring food security in India. Agriculture in Vidarbha region of Maharashtra state of India is 93% rain dependent and is a challenged area. Water, water and water holds key to sustainable agriculture.

UN General Assembly has proclaimed the period 2005-2015 as international decade of WATER FOR LIFE. It is necessary to make all societies vigilant about the role of water in food security. Encouraging strategic investment in research & development and international co-operation for improvement of agricultural water management is need of the hour / time. Therefore, the main purpose of this symposium is to discuss some of the difficult water issues, especially water resources development, increasing water productivity, efficient irrigation systems to meet food security needs in 2050. This symposium will invite world-renowned experts to present papers on topics of their interest and provide solutions to marginal and poor farmers of India to maintain daily livelihood and address water sustainability issues for agriculture.

Symposium session topics include:

- Rain Water Management
- Soil and Water Conservation
- Water Resource Development and Management
- Water for Food Security
- Environment and Water Security
- Irrigation and Drainage
- Soil-Water-Crop-Animal Interactions
- Socio-Economic Issues in Water Management
- Water Policies

Other concurrent sessions during ISAE convention are:

- Farm Machinery and Power
- Processing, Dairy and Food Engineering
- Energy in Agriculture
CALL FOR PAPERS

Soft copies of abstracts of the papers related to International Symposium shall be submitted to the Technical Director, Soil & Water Engineering and for other convention sessions I, II, III be submitted to concerned Technical Directors (given below) before October 15, 2010. The abstract should be approximately 200-300 words, single-spaced, composed in MS word, using Times New Roman, Font Size 12. The title of abstract shall be followed by names of authors with presenting author and corresponding authors marked with single and double asterisk respectively. The abstract must include a brief introduction, objectives, material and method, tentative or final results and discussion. Acceptance of the abstract and category, i.e. oral or poster will be communicated before November 1, 2010. After getting the acceptance, full-length paper should be sent both on CD and by e-mail to the respective Technical Directors. Poster should conform to the size 1m X 1m.

Soil & Water Engineering
(International symposium session)
Dr. V.N. Sharda
Director
Central Soil & Water Conservation Research & Training Institute (CSWCRTI)
Dehradun – 248 195, Uttarakhand
director@cswcrtddn.org; vnsharda2@gmail.com
+91 – 135 – 275-8564

Farm Power and Machinery
(ISAE convention session I)
Dr. V. K. Tewari
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prof.vktewari@gmail.com
+91 94 3401 4171

Processing, Dairy & Food Engineering
(ISAE convention session II)
Dr. R. Viswanathan
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Tamil Nadu Agricultural University,
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drviswanathan@rediffmail.com;
drviswanathan@gmail.com
+91-422-6611272 /+91-9443129711

Energy in Agriculture
(ISAE convention session III)
Dr. T.K. Bhattacharya
Professor and Head
Dept. of Farm Machinery & Power Engineering
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tkb_183@rediffmail.com
+91 94 1241 9867

Official Language: English

Note: The registration form provided with brochure should be sent along with the registration fee in the form of demand draft drawn in favour of Organizing Secretary, 45th ISAE Convention payable at Nagpur and mailed to Organizing Secretary of the Convention & Symposium on or before November 15, 2010 at the following address.

TECHNICAL SECRETARY
Dr. S. M. Taley
Professor of Agricultural Engineering,
Dr. Panjabrao Deshmukh Krishi Vidyapeeth,
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ORGANIZING SECRETARY
Dr. A.B. Kubde
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Mobile: +91-9423466298

IMPORTANT DATES

Last date for receipt of abstract October 15, 2010
Communication to Authors about acceptance November 1, 2010
Submission of full length paper and payment of registration fees November 15, 2010
Final manuscript submission to conveners by concern technical directors December 14, 2010
Printing of the souvenir December 25, 2010
SIGHT SEEING TOURS
Local sight seeing trips and tours to other destinations in Nagpur can be arranged on payment. For details of conducted tours of Maharashtra Tourism and places of interest, you may visit the website: www.maharashtratourism.gov.in/

SPONSORSHIP AND ADVERTISEMENT
A Souvenir containing Messages from Dignitaries and lead papers will be released by the Chief Guest at the time inaugural function during the conference. Sponsorship for technical session and advertisements in the compendium would be a business opportunity for entrepreneurs and business houses, to popularize their products, nationally and internationally.

ADVERTISING TARIFF
1. Back Cover Page (color), 8.5x11 inches : Rs.40000
2. Front Inside (color), 8.5x11 inches : Rs.35000
3. Back Inside Cover (color), 8.5x11 inches : Rs.35000
4. Full Page (color), 8.5x11 inches : Rs.25000
5. Full Page B/W, 8.5x11 inches : Rs.20000
6. Half Page B/W, 8.5x11 inches : Rs.10000

PRODUCT DISPLAY
There will be unique opportunity to limited number of firms to display their products, for the national and international visitors, on first-come first-serve basis at the conference venue. This package includes free registration for two delegates and a space to display their products (Rs.30000/- for three days).

REGISTRATION FEE

<table>
<thead>
<tr>
<th></th>
<th>Indian delegates</th>
<th>Foreign delegates *</th>
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<tbody>
<tr>
<td>ISAE member</td>
<td>Before November 15</td>
<td>Rs 3000</td>
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<td>After November 15</td>
<td>Rs 4000</td>
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<td>Non-member</td>
<td>Rs 4000</td>
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* Foreign delegates have the option of paying in equivalent Indian Rupees at 1US$=Rs 45.

ACCOMMODATION / HOTEL RESERVATION: Delegates will be required to pay Rs.1000 towards accommodation charges along with the registration fee if they want to avail the accommodation provided by the organizers. International delegates and others requiring accommodation in hotels should make an advance payment of registration and accommodation charges. The charges for different category rooms in selected hotels are furnished below.

1) The Pride Hotel (www.pridehotel.com)

<table>
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<th></th>
<th>INR</th>
<th>US $ (approx.)</th>
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<td>Single</td>
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<tr>
<td>Deluxe Room</td>
<td>5500</td>
<td>6250</td>
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<tr>
<td>Superior Room</td>
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<td>7250</td>
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<tr>
<td>Premium Room</td>
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2) Tuli Imperial (www.tuligroup.com)

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<td>Deluxe Room</td>
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<td>7000</td>
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<tr>
<td>Club Room</td>
<td>7500</td>
<td>8000</td>
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3) Hotel Centre Point ([www.centrepointgroup.org](http://www.centrepointgroup.org))

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<tr>
<td>Executive Room</td>
<td>3500</td>
<td>4000</td>
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<tr>
<td>Executive Deluxe</td>
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<td>4500</td>
</tr>
<tr>
<td>Club Class</td>
<td>5500</td>
<td>6300</td>
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**MODE OF PAYMENT**: The participant can pay the registration fee and accommodation charges through electronic transfer.

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<td>2</td>
<td>A/c name</td>
<td>Organizing Secretary, 45th ISAE Convention</td>
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<td>3</td>
<td>IFS code</td>
<td>SYNB0005253 (For Inland transactions)</td>
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<td>4</td>
<td>SWIFT code</td>
<td>SYNBIN BB 124 (For International participant)</td>
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**ABOUT NAGPUR**: Nagpur is the winter capital of Maharashtra state and has glorious history being capital of erstwhile Central Province and Berar. It is located at geographical center of India and the zero milestone of India is situated in the city. The Nagpur is located 837 km east of Mumbai and 1094 km south of Delhi, 1092 km north of Chennai and 1140 km west of Kolkata. Major National Highways NH-7 (Varanasi – Kanyakumari) and NH-6 (Mumbai – Kolkata) pass through Nagpur city. Nagpur oranges are world famous for its very special aroma and taste and brought indispensable glory to the region.

**CLIMATE**: The weather during January is pleasant with temperature ranging from 10°C (night) to 22°C (day) requiring normal cotton clothing. However, due to the extension of cold season, light woolen clothing may be required.

**ACCESSIBILITY**: Nagpur is well connected by road, rail ([www.indianrail.gov.in](http://www.indianrail.gov.in)) and air ([www.airindia.in](http://www.airindia.in)) from all major cities of the country.

Details of Annual Convention and International Symposium are available on

**Conference website**: [www.pdkv.ac.in](http://www.pdkv.ac.in) and ISAE website: [www.isae.in](http://www.isae.in)
REGISTRATION/ACCOMMODATION REQUEST FORM

45th ISAE Annual Convention and International Symposium on Water for Agriculture
17-19 January, 2011 at College of Agriculture, Dr. PDKV Campus, Maharajbag, Nagpur, Maharashtra, India

Name : 
Designation : 
Sex : Age: 
Nationality : 

Membership: Non-member/ Member (Membership No.----------)

Mailing Address : 

Email : 
Tel. (Office): (Residence): 
Mob: Fax:

Number of registered accompanying persons: 1 / 2 / none

Registration fee details
Amount : 
DD.No. & Date : 

Accommodation : Provided by organizers ( ) Hotel ( )
(Please tick)

Accommodation charges details
Amount : 
DD.No. & Date : 

Place: Signature: Date:

Please send it to:

Dr. A.B. Kubde, Organizing Secretary
Professor of Agricultural Engineering, College of Agriculture,
Maharajbagh, Nagpur (M.S.), 400 001, India

Email: anilkubde@yahoo.com; Phone: (O) 0712 – 2522418; Mobile: +91-9423466298