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VENUE

Tropical Forest Research Institute, PO RFRC, Mandla Road, Jabalpur.

All correspondence may be addressed to

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REGISTRATION FORM

(Please write in Block letters)

National Seminar on

Recent Advances in Applied Statistics and its Application in Forestry (RAASAF)

April 15-17, 2013

Tropical Forest Research Institute

Name: Dr./Mr./Ms./Mrs.

Designation:

Organization:

Mailing Address:

..... Pin Code:.....

Phone: (off):..... (res)

Mobile: Fax:

Email:.....

Please tick in the appropriate box:

I plan to attend the seminar only

I intend to present a paper

Accompanying Person

Title of the Abstract/Paper :.....

.....

.....

Theme :.....

Accommodation Required: Yes/No

I enclose my registration Fee*

Demand Draft No.

Dated :..... Bank Drawn on :.....

Amount :.....

Payable to Director, Tropical Forest Research Institute, Jabalpur, M.P.

Arrival Date and Time:

Departure Date and Time:

Date:

Place: Applicants Signature

Please return before 20th March, 2013

REGISTRATION

Participants are required to send fill-in registration form through e-mail or fax and registration fees in the form of demand draft only from any nationalized bank in the favour of Director, TFRI, Jabalpur payable at Union Bank of India, TFRI, Jabalpur to *Dr. Girish Chandra, Scientist-C*. The registration fee will include the seminar registration package and working lunch for all three days. No TA/DA will be paid to the participants.

REGISTRATION FEES:

Scientists/Faculty members Rs.1000/-

Students/Research Fellows: Rs.500/-

Accompanying Person Rs.300/-

National Seminar On *Recent Advances in Applied Statistics and its Application in Forestry (RAASAF)*

April 15-17, 2013

Organized by



Tropical Forest Research Institute

(Indian Council of Forestry Research and Education, an autonomous body under Ministry of Environment and Forest, Government of India)

P.O. RFRC, Mandla Road, Jabalpur

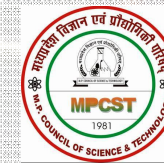
Madhya Pradesh

www.tfri.icfre.org

Sponsored by



Ministry of Statistics
and Program Imple-
mentation
Government of India



Madhya Pradesh
Council of Science
and Technology,
Bhopal



Council of Scien-
tific and Indus-
trial Research,
New Delhi

ABOUT THE INSTITUTE

Tropical Forest Research Institute (TFRI), Jabalpur is one of the eight regional institutes under the Indian Council of Forestry Research & Education, Dehradun (an autonomous body under Ministry of Environment and Forest, Govt. of India). It was established as a regional center of Forest Research Institute, Dehradun in 1973 and became a research institute in April 1988 with a mandate to conduct research on development and demonstration in agroforestry models, Forest protection, Biofertilizers and biopesticides, Non-wood forest products, Planting stock improvement etc. The institute implements its mandate of



research programme through highly qualified scientists, forest officers and trained technical personnel placed in nine research divisions and one satellite centre 'Centre for Forestry

Research and Human Resource Development' at Chhindwara, Madhya Pradesh. TFRI caters to the overall research needs of forests of four central Indian states, viz. Chhattisgarh, Madhya Pradesh, Maharashtra and Orissa, in particular, and specific issues of forests and forestry sector confronting India, in general.

ABOUT JABALPUR

Jabalpur is located on the banks of holy river Narmada and is a major administrative and educational hub of central India. The city is gateway to important wildlife sanctuaries, which include Kanha National Park (160 km SE) and Bandhavgarh National Park (200 km NE). Its minimum and maximum temperature is between 21°C to 41°C during summer and 10°C to 27°C during winter. Jabalpur is well connected by Road, Train and Air routes. The tourist places of Jabalpur includes River Narmada, Bedhaghat, Marble rocks, Dhuandhar (water fall), Bargi Dam, Madan Mahal Fort and Rani Durgawati Museum. The institute is situated approx. 10 km from the Jabalpur railway station.

ABOUT THE SEMINAR

Statistics has played a vital role in the development of science through collection of relevant data and drawing valid and reliable conclusion of specified objective under procedurally and economically optimized way. Forest

biometry has a pervasive influence on forestry science. The sampling in forests to estimate the abundance of one or more forest resources has long had a probabilistic basis ranging from simple random sampling to multistage/multiphase designs using auxiliary information, if any. Statistical models have been used to quantify the growth and dynamics of aggregation of trees in forest stands. These models range from simple, single equation linear models to multiple and interdependent non-linear models. Statistically designed experiments are conducted in order to gain a better understanding of trees, stand, and forest responses and minimized the biasness and experimental error.

In recent years there has been phenomenal upsurge of knowledge, advancement of technologies and development of user friendly software's for improving valuable results in research. Thus, there is a need to acquaint ourselves with the recent developments in this field and to familiarize with the situation where the proposed technique with their optimal properties to ensure their proper use.

OBJECTIVES OF THE SEMINAR

- To bring academicians and researchers from across the country as a forum for discussion and dissemination of advance ideas and principles in Applied Statistics and its application in Forestry.
- To elucidate basic concepts of Research Methodology and Statistics, as applied to forestry research.
- To develop competency among researchers in selection of proper experimental designs, sampling methods and other statistical techniques.
- To popularize the use of statistical software's like SPSS, SAS and R in forestry research.

The technical sessions of the seminar will consist of invited lectures by eminent speakers and the oral presentation of paper by the participants under following themes:

- **Role of Applied Statistics in Scientific Research**
- **Design of Experiments in Forestry Research**
- **Sampling techniques and Time Series in Forest Survey**
- **Applied Mathematics and Forest Biometrics**

(However, abstracts/papers may be submitted from all domains of Applied Statistics)

Half day workshop on **Importance of Statistical Softwares in Survey Data Analysis** will also be a part of seminar.

CALL FOR ABSTRACTS/PAPERS

Electronic version of the manuscript must be submitted to **Dr. Girish Chandra** on gchandra23@yahoo.com; chandrag@icfre.org. in MS word Format (Times New Roman 11 pt, 1.5 spacing, left and top margin 2", right and bottom margin 1").

Title: The title should indicate contents precisely (not more than 10-15 words long, 14 pt bold).

Author information: Name, complete mailing address, telephone number, fax and e-mail address of all the authors (Name of presenting author should be underlined).

Abstract: Abstract should be accurate representation of the paper and not exceeding 300 words.

Keywords: Not exceeding 6 words (11 pt bold and italics).

Text: The text should contain an introduction, materials and methods, results, discussion, conclusion and literature cited. Paper should be limited to 3000 words.

References: In the text, the references should be indicated (within parenthesis) by the author(s) name (s) and year. The references should be listed alphabetically by the author's last name in the following format.

Journals

Platt, W. J., Evans, G. M. & Rathbun, S. L. (1988). The population dynamics of a long-lived conifer (*Pinus palustris*). *American Naturalist* **131**, 491-525.

Edited Book/Conference Proceedings

Hiby, A. R. and Hammond, P. S. (1989): Survey techniques for estimating abundance of cetaceans. In G.P. Donovan (Ed.), *The Comprehensive Assessment of Whale Stock: the Early Years*, Special issue **11**, Reports of the International Whaling Commission, Cambridge, 47-80.

Books/Ph.D. Thesis

Cochran, W. G. (1977): *Sampling Techniques*, 3rd edition, Wiley, New York

(Selected papers will be published in the form of refereed proceeding)

IMPORTANT DATES

20th March 2013 Receipt of Abstract/ Research Paper/ Registration Form & Fees

25th March 2013 Scrutiny/acceptance of papers

April 15-17, 2013 Seminar

ACCOMMODATION

Accommodation on twin sharing basis per room would be provided in Scientist Hostel/Rest House of the Institute on payment basis. Alternatively you can also book accommodation in hotels on your own initiative (<http://jabalpur.nic.in/hotels.htm>). TFRI may also help in booking of accommodation in hotels. (Please contact: Mr U. Raju, Range Officer, Mb 08878229406).