

NATIONAL CONFERENCE

TREE IMPROVEMENT RESEARCH IN INDIA: CURRENT TRENDS AND FUTURE PROSPECTS

2nd & 3rd FEBRUARY, 2017



INSTITUTE OF WOOD SCIENCE AND TECHNOLOGY
(Indian Council of Forestry Research and Education)
Bengaluru

BACKGROUND

Research in tree improvement has wide applications such as augmenting wood quality of timber species, increased yield of non-timber species and enhancing commercial value of other forest resources. Despite being endowed with about 70 million hectare of forests, India is yet to achieve self-sufficiency in timber and forest produce, one of the major limiting factors being the enormous pressure put on these forests by the ever increasing human population. Hence, growing of trees outside forests is a robust option. Success in tree improvement programmes can lead to increased productivity and also help in rapid expansion of commercial plantations which are essentially required in the present context. These in turn will also have a positive bearing on the conservation of our genetic resources and diversity. Being a mega-biodiversity country, it is not only important to achieve self-sufficiency in forest produce but also develop a long term strategy for becoming a major exporter of wood and forest produce. Though, tree improvement activities in India were initiated in 1960's, the impact on productivity has been far from satisfactory. To achieve higher productivity in the contemporary scenario of rapid advancements in methodologies, tools and techniques in various fields of tree improvement, we need to develop fresh perspectives in some of the core areas such as seed production, macro and micro propagation techniques, cost effective non-destructive tools in identifying superior genotypes, accelerated breeding using marker trait correlated selection, functional genomics etc., are to quote a few.

Against this background, a National Conference on **Tree Improvement in India: Current Trends and Future Prospects** is being organized at Institute of Wood Science and Technology (IWST), Bengaluru under the Indian Council of Forestry Research and Education, Ministry of Environment Forest and Climate Change, Government of India.

IWST has the mandate of conducting research on wood science at the national level, and cater to research needs of the forestry sector at regional level. The Institute is recognized as a Centre of Excellence for Sandalwood Research and Wood Science. The division of Tree Improvement and Genetics of the Institute has been actively involved in carrying out various research activities in tree improvement of commercially important tree species.

The conference is being organized on **2nd and 3rd February, 2017**. The major objective of this conference is to bring together forest geneticists, breeders, scientists, managers, professional foresters and provide platform to discuss critical issues, challenges and opportunities in tree improvement research activities in India both from conservation and utilization perspective.

CONFERENCE THEMES

- Status of Tree Improvement
- Propagation Techniques in Tree Improvement
- Wood Quality Improvement
- Challenges in Clonal Forestry
- Biotechnology in Tree Improvement
- Genetic Diversity and Conservation

IMPORTANT DATES

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|----------------------------|-------------------|
| Abstract submission | December 15, 2016 |
| Notification of acceptance | December 30, 2016 |
| Registration | January 13, 2017 |
| Full paper submission | January 20, 2017 |



CONFERENCE VENUE

The IWST, Bengaluru is 5 km from Majestic bus stand, 6 km from city railway station and 35 km from airport. The institute is having all the necessary facilities, including guesthouse, seminar and conference halls with multimedia facilities.

ACCOMMODATION

Limited accommodation is available in IWST guest house/hostel that may be arranged on 'first come first served' basis. Good quality budget hotels and star accommodations are also available in Bengaluru on affordable cost. Enquiries/requests for accommodation may be sent to Dr. Anil Sethy, Scientist-D by email at aksethy@icfre.org. Participants will have to bear the accommodation charges.

CONFERENCE PROGRAMME

The scientific program consists of invited lectures, oral and poster presentations on first and second day.

REGISTRATION FEE

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|---------------------|----------|
| Indian Delegates | Rs. 3500 |
| Students | Rs. 1500 |
| Accompanying Person | Rs. 1500 |

The fee includes admittance to all sessions, a copy of abstract book, lunches, coffee breaks and conference dinner.

Registration form duly filled-in should be sent to the Organizing Secretary along with registration fee by 13th January, 2017. Registration will be confirmed only after the receipt of the fee. The fee may be deposited through Bank Draft or Cash. The Demand Draft should be made in favour of the Director, IWST ISS, payable at Bengaluru. Fee may also be deposited through RTGS in the Union Bank of India, Malleswaram, Account No. 392002010016364, IFSC code - UBIN0539201.

SUBMISSION OF ABSTRACTS

One page abstracts (maximum 300 words) typed in MS WORD including the title, authors, affiliation and key words may be submitted to the Organizing or Co-organizing Secretary preferably by e-mail (registration@icfre.org; tig.iwst@gmail.com) by 15th December, 2016. Acceptance of the paper will be communicated to the authors by 30th December, 2016.

FULL PAPERS

Authors whose abstract are accepted either for oral or poster presentations need to submit full papers latest by 20th January 2017. Manuscripts should be in camera-ready form typed in MS WORD using Times New Roman font (12 size) and 1.5 lines spacing. Paper should not exceed eight pages. The paper should contain a running title, name/names of authors, their affiliations, introduction, materials and methods, results and discussions, conclusions and references. Figures and tables are to be integrated in the text.

POSTER PRESENTATION

The dimension of the poster should be 90 cm x 120 cm. The posters should be informative, clear and attractive. Captions should be legible from a distance of 1-2 m. Materials for fixing the posters will be provided by the organizers. Mailed posters will not be accepted.

CLIMATE

Weather at Bengaluru during February is normally pleasant with day temperature around 25-28°C. Light woolen clothing may be required in night.

CONFERENCE CHAIRMAN

Shri. Surendra Kumar
Director, IWST

CONTACTS

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Dr. Shashi Kumar, DG, ICFRE

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काष्ठ विज्ञान एवं प्रौद्योगिकी संस्थान INSTITUTE OF WOOD SCIENCE AND TECHNOLOGY

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