



**NAU-IES-IUFRO Conference
on
“Tree Based Diversified Land-use System: Augmenting
Livelihood Security and Industrial Growth”**

February 15-17, 2023

Conference Sponsors



**ORGANIZED BY
Navsari Agricultural University, Navsari, Gujarat
and
Indian Ecological Society (PAU, Ludhiana, Punjab)
Gujarat Chapter**

**In association with
International Union for Forest Research Organization, Vienna (Austria)**

NAVSARI AGRICULTURAL UNIVERSITY

Commencing with a college of agriculture in 1965, erstwhile Gujarat Agricultural University, Navsari Agricultural University (NAU) came into existence with the promulgation of Gujarat Agricultural University Act 2004 on May 1, 2004. Its jurisdiction covers seven districts of South Gujarat *viz.*, Surat, Navsari, Bharuch, Valsad, Narmada, Tapi and Dangs. At present, there are eight Colleges imparting seven bachelors, twenty seven Master's and twenty one doctoral degree programmes. In the faculty of Agriculture, Horticulture, Forestry, Agribusiness Management, Agricultural Engineering and Agricultural Biotechnology. Further, there are 25 research centres at 15 locations to carry out need based research on mandate crops *viz.*, paddy, sugarcane, cotton, sorghum, small millets, mango, banana, sapota and vegetables. The NAU, extensively reach to the farmers and cover sprawling south Gujarat through its 5 KVKs located at Navsari, Surat, Waghai, Vyara and Dediapada and Sardar Smruti Kendra, T & V and ATIC at Navsari to undertake dissemination of newer technologies to end users of seven districts of South Gujarat.

[www.https://nau.in](https://nau.in)

INDIAN ECOLOGICAL SOCIETY

The Indian Ecological Society (IES) was established in 1974. In the 1960s and 1970s, the main emphasis was on increasing production, which led to the 'Green Revolution'; however, its impacts on ecology, natural resource, environment, *etc.* were not the prime issues. The IES was formed at Punjab Agricultural University to address these issues. IES is one of the pioneering organizations of India engaged in advances in ecological sciences and environmental protection to encourage and promote ecological studies in the country and to integrate research in different fields of ecology. The objectives were modified from time to time keeping in mind the priority areas in the field of ecology and environment. The Society attempts to fulfil the above objectives by publishing the Indian Journal of Ecology since 1974 and organizing scientific events. The Society is managed by senior academia and assisted voluntarily by a multidisciplinary team of scientists.

[www.https://indianecologicalsociety.com](https://indianecologicalsociety.com)

THE IUFRO, VIENNA, AUSTRIA

International Union for Forest Research Organizations (IUFRO) is a non-profit, non-governmental international network of forest scientists, which promotes global cooperation in forest-related research and enhances the understanding of the ecological, economic and social aspects of forests and trees.



IUFRO is the global network for forest science cooperation. The network is open to all individuals and organizations dedicated to forest and forest products research and related disciplines. It unites more than 15,000 scientists in about 650 Member Organizations in over 125 countries, and is a member of the International Science Council. Scientists cooperate in the IUFRO on a voluntary basis to contribute to achieving the Sustainable Development Goals set by the United Nations. ([www.https://iufro.org](https://iufro.org))

CONFERENCE THEMES

1. Farmers, Foresters and Fabricators (Linkages-farm to factory initiatives and successes; stakeholders' perceptions; role of NGOs, Forest development agencies, national policies in up scaling tree plantation; wood products demand, industrial wood demand, import/export forest products scenario; timber production/supply-farmers and fabricators experience)

2. Agroforestry - A Landscape with Trees for Lives and Livelihood (Agroforestry and tree outside forests-Augmenting industrial demand and nutritional security; Tree-crop combination-interactions and designing sustainable land use for wood and food; livelihood security from plantation forestry and agroforestry; Agro-biodiversity enhancement/conservation through tree-based land use systems; other woody species in biomass-bioenergy and other industrial product fabrication)

3. Tree Improvement, Silviculture and Management (Improvement in forest genetic resources to design tailored short rotation ideotypes, biotechnological interventions in forestry, nursery practices- conventional to clonal, precision silviculture and other interventions for enhanced productivity; sustainable forest management in present scenario-regeneration to harvest processes; participatory approach-biodiversity conservation and access benefit sharing)

4. Utilization and Value Addition of Forest Genetic Resources (NTFPs- resources, development, demand & supply; role of NTFPs in rural livelihood and nutritional security; medicinal and aromatic plant-sustainable production, harvesting, utilization and industrial growth; Wood for diversified industries with specific properties)



5. Forests, Climate Change and Natural Resource Conservation (Forestry and tree plantation in augmenting climate change mitigation, carbon sequestration, ecosystem services, addressing SDGs through forestry interventions, natural resource regulation and conservation through forestry/agroforestry/watershed interventions policy deliberation; policy and international conventions for natural resource utilization and conservation; insect-pest & disease management, forest fire outbreak-causes, effects & management interventions, controlled fire-vegetational and soil attributes; multipurpose hydro projects-forests hydrology, ecology, environmental boon or bane; policies and international conventions in natural resource protection, utilization and conservation)

6. Forest Economics and Policy (Economics of natural and manmade forests/plantations; economic evaluation of ecosystem services; *ex ante* and *ex post* project evaluation; import/export economic scenario; Government and private policies – implications on adoption and economics of forest plantations; international policies/regulations for timber and NTFPs)



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Co-chairmen	Dr. Lalit Mahatma ADR, NAU, Navsari	Dr. V. R. Naik ADR, NAU, Navsari
Convener	Dr. R. P. Gunaga CoF, NAU Navsari	
Organizing Secretaries	Dr. N. S. Thakur CoF, NAU, Navsari	Dr. H. T. Hegde CoF, NAU Navsari
Co-organizing Secretaries	Dr. M. B. Tandel CoF, NAU, Navsari	Dr. M. S. Sankanur CoF, NAU, Navsari

WHO CAN ATTEND

Participation is open to all professionals, researchers, academia, policymakers, extension functionaries, industries, students, and field officers engaged in forestry and its allied sectors. Delegates are invited to register early to enable us plan and make the best possible arrangements.

WEATHER

In February, the average temperature of Navsari varies between 13 and 31°C

HOW TO REACH

Navsari situated on NH-8, is well connected by rail and air. Apart from own city railway station (2 km from NAU Campus) and second nearest railway station is Surat (43 km from Navsari). Nearest airports are Surat (45 km), Mumbai (238 km), Vadodara (181 km) and Ahmedabad (292 km).

EXTENDED ABSTRACT, FULL-LENGTH ARTICLE SUBMISSION AND PUBLICATION

Extended abstract should report the results of original research and it should be uploaded through google form (<https://forms.gle/VqwYo5t7Wjp9Azb86>) in the format provided and of the brochure. Full-length article of original research not been published previously or submitted for publication elsewhere should be sent at e-mail : iesgujarat2017@gmail.com

Selected full length article after peer review shall be published in special issue of Indian Journal of Ecology (NAAS rating 5.79; Scopus indexed). Life member and registered participant author(s) shall be exempted from individual manuscript processing fee, however rest of authors in the article must pay annual Membership fee after the acceptance of article for publication in the Journal. Strictly follow the Indian Journal of Ecology author guidelines to structure the manuscripts. For guidelines visit <http://indianecologicalsociety.com/society/guidelines-for-authors/>

DATES TO REMEMBER (LATEST BY)

Submission of extended abstracts	3 rd February, 2023
Submission of full-length papers	5 th February, 2023
Intimation regarding status of abstract & full-length papers	5 th February, 2023
Registration and travel details	5 th February, 2023

ORAL PAPERS

Among the accepted abstracts, selected papers will be considered for oral presentation (10-15 minutes duration) under each technical session.

POSTER PAPERS

Other contributed papers will be selected for poster presentation organized concurrent to the concerned sessions. Presenting author of the poster is required to be present at the venue during the respective poster session for its evaluation by the jury committee. Poster size should not exceed 100 cm (height) x 80 cm (width).

BEST PAPER AWARD

The jury of eminent scientists/persons of the concerned field will select best oral and poster presentation in each theme of the seminar for award of certificate by organizers.

REGISTRATION FOR THE SEMINAR

Participants are required to register themselves for the seminar by paying in advance a registration fee through online banking or bank demand draft payable at Navsari in favour of **IES CHAPTER GUJARAT, A/C NO: 41295429550, State Bank of India (Navsari Agricultural University branch), IFSC CODE: SBIN 0003889**). Cheques will not be accepted. Registration form is attached separately with the brochure. Online transaction details may please be mailed at iesgujarat2017@gmail.com for verification. The registration fee for different categories is as under.

Scientists/delegates	: Rs. 5500
Student	: Rs. 2500
Research Scholar	: Rs. 3000
Accompanying person	: Rs. 2500

Registration can also be done on spot on the first day of seminar up to 10: 00 AM with late fee of Rs. 500 for delegate/scientists and Rs. 250 for students/Research Scholars.

*The registration fee is inclusive of conference material, food during the seminar days.

** Accompanying persons are not entitled to conference material.

*** Students/Research Scholars will have to furnish identity proof.

ACCOMMODATION

Accommodation shall be provided to the participants on the first come first serve basis in the guest houses, Kishan Ghar of Navsari Agricultural University; further, preferential accommodation could be given to students / research fellows in university hostels subjected to availability of rooms. Kindly indicate your preference in the registration form to facilitate accordingly. Accommodation may be requested on or before 20th January, 2023. Other details are available on the university website.

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ALL CORRESPONDENCE (THROUGH EMAIL TO AVOID DELAY) MAY BE ADDRESSED TO:

Dr. N. S. Thakur

Organizing Secretary

College of Forestry, Navsari Agricultural University,
Navsari, Gujarat - 396 450,

E-mail: iesgujarat2017@gmail.com

EXTENDED ABSTRACT FORMAT

Font: Times New Roman, 11 throughout

Theme: XX.....

Title: (Concise; bold; sentence case; botanical names italics)

Author (s) name (s): (strictly in the format of Indian Journal of Ecology)

Address (s) (*Complete Institutional address with pin code, italic*)

*Correspondence: email xxxxxxx@xxxxxx

Introduction: (up to 60 words only)

Material and methods: (up to 80 words only)

Results and discussion: (100 to 125 words only)

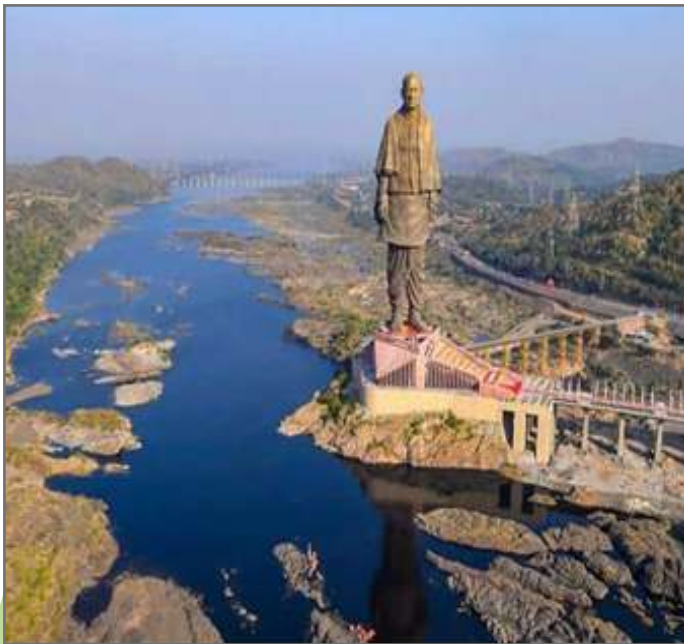
References: (May be one or two and strictly in the format of Indian Journal of Ecology)

Table or Figure: (only one; strictly in the format of Indian Journal of Ecology; illustrating important data)

LEISURE VISITING PLACES



National Salt Satyagraha Memorial (UNESCO heritage site) Dandi (10 km from Navsari)



Statue of Unity and Tent City Narmada & Kevadia (175 km form Navsari)



Waghai Botanical Garden*

Gira Water Falls*

Saputara Hill Station**

*70 km from Navsari & **Saputara 50 km from Waghai Botanical Garden