

Monthly report for the Month of June 2020

Institute of Wood Science & Technology, Bengaluru

1. IMPORTANT RESEARCH FINDINGS:

1. NEW PROJECTS SANCTIONED DURING THE MONTH:

2. PROJECTS CONCLUDED DURING THE MONTH:

Name of the project	Amount Sanctioned	Sponsoring Authority
Wood Anatomical Studies of Important Mangrove species from Maharashtra sea coast for the identification	Rs. 24,35,000	Mangrove foundation - Mumbai

3. PARTICIPATION IN SEMINARS/WORKSHOPS (BOTH NATIONAL & INTERNATIONAL):

Sl. No	Topic	Duration	No. of participants	Beneficiaries
1	IUCN Web seminar on “Bonn challenge- India’s Commitments and Strategy to Combat desertification and achieve Land Degradation Neutrality” organized by International Union For Conservation of Nature and Ministry of Environment and Forests and Climate Change, Govt. of India	16 June 2020 1 day	1	Persons with forestry background.

4. MEETINGS ORGANIZED: NIL

Sl. No	Topic	Duration	No. of participants	Beneficiaries
1	A Webinar on “Wood in Structural Use (II)-Building Techniques”	25 June 2020 and 30 June 2020	Mr. Pranesh Chibber, Mr. Peter Bradfield, Mr. Jimmy Thomas	Director and Scientists of IWST

			and Ms. Apoorva from Canadian Wood	
2	A concept note presentation on “Promoting sandalwood cultivation for upliftment of socioeconomic status of sandalwood growers in India” was held through video conferencing on 30 June 2020.	30 June 2020	National Informatics centre	Director and Scientists of IWST

5. MEETINGS ATTENDED:

Sl. No	Topic	Duration	No. of participants	Beneficiaries
1	Annual Review of ICFRE funded on-going projects by DDG (Research)	2 June 2020		IWST Scientists
	World Environment Day celebration by MoEF&CC chaired by ShriPrakashJavdekar, Honble Minister for Environment Forest and Climate Change through Webinar.	5 June 2020		Director General ICFRE, Forest Minister and PCCF’s of states, forest department officials, Directors of ICFRE institutes etc
	Meeting of all Directors of ICFRE institutes with DG, ICFRE	9 June 2020	1	Director, IWST

6. WORKSHOP ORGANIZED: NIL

Sl. No	Topic	Duration	No. of participants	Beneficiaries

7. TRAININGS ORGANIZED: NIL

Sl.No	Topic	Duration	No. of participants	Beneficiaries

8. TRAININGS ATTENDED: NIL

Sl.No	Topic	Duration	No. of participants	Beneficiaries

9. DEMONSTRATIONS: NIL

Sl. No	Topic	Duration	No. of participants	Beneficiaries

10. PARTICIPATION IN KISAN MELA/EXHIBITION/TRADE FAIR ETC.: NIL

Institute	Participated	Duration	Place

11. OTHER EXTENSION ACTIVITY: NIL

12. RESEARCH PAPERS:

- GH Bernhard, RE Neale, PW Barnes, PJ Neale, RG Zepp, Wilson SR, AL Andrady, AF Bais, RL McKenzie, PJ Aucamp, PJ Young, Liley B, RM Lucas, r YazaS, LE Rhodes, SN Byrne, LM Hollestein, Olsen CM, Young AR, Robson TM, Bornman JF, Jansen MAK, Robinson SA, Ballaré CL, Williamson CE, Rose KC, Banaszak AT, Häder D-P, Hylander S, Wängberg S-Å, Austin AT, Hou W-C, Paul ND, S Madronich, B Sulzberger, KR Solomon, H Li, T Schikowski, JD Longstreth, **K.K. Pandey**, Heikkilä AM, White CC. 2020. Environmental effects of stratospheric ozone depletion, UV radiation and interactions with climate change: UNEP Environmental Effects Assessment Panel, Update 2019. **Photochemical & Photobiological Sciences**. 19, 542 - 584.
- K. Srinivasa, **K.K. Pandey**, M. Petrič (2020). Photostabilization of rubberwood using cerium oxide nanoparticles. Part 1: Characterization and colour changes. *Les/Wood*, 69(1), 57-70.
- Moumita Chattergi, N. Soumyashree, T.N. Manohara, V. S. Shettepanavar (June 2020) Population structure, regeneration status and carbon sequestration potential of *Dalbergia Latifolia Roxb.* (Rosewood) in Rajive Gandhi National Park, Karnataka *My Forest* Vol. 56 (issue 1 & 2) P.141-155 June 2020
- Durai, M.V. (June 2020) Reproductive phenology and pollinators of big-leaf Mahogany (*Sweiteniamaerophylla king*) *My Forest* Vol. 56 (1 & 2): P 115-124

13. VISIT OF DIGNITARIES:

- Growth Chamber of Tissue Culture Lab of IWST was inaugurated on 19 June 2020 by Shri. Sanjay Mohan, IFS, PCCF & HoFF, Karnataka Forest Department in the presence of Dr. M. P. Singh, IFS, Director IWST, Shri V. S. Shettappanavar, IFS, GCR& Head SFM Division, other HoDs, Scientists, Staff and students of IWST.

14. CONSULTANCIES: NIL

15. OTHER IMPORTANT ACTIVITIES:

- World Environment day was celebrated on 5 June 2020. Tree planting was undertaken in the campus area followed by talks delivered through virtual means or webinar on Biodiversity Conservation & Climate Change Mitigation (Wood is Good: Grow More, Use More).
- International Yoga day was observed on 21 June 2020. Officers, staff and students of IWST participated in performing yoga and related exercises organized in the community hall of IWST.
- A meeting of members of Institute Level Official Language Implementation Committee (OLIC) was held on 29th June 2020 to discuss various issues in improving the use of Hindi in official work. A workshop on topic, "Hindi grammar and Functional Hindi" by Dr. Nandini Choubey, Assistant Professor (Hindi), Rewa University was also organized for technical staff of the Institute.
- Dr. S.S. Chauhan attended a Webinar as an External Expert Member for TNAU for development of course module of M.Sc (Forest Products and Utilization) on 19.6.2020
- Participated as expert member in Tree Expert Committee meeting on 17/06/2020 among members, 23 and 24 June 2020 with AG, GoK regarding preparation of report to be submitted to honorable HC of Karnataka
- Two new projects "Risk assessment study on internal decay of ageing urban trees in and around Chennai City" and "Study on association of fungi as carbon sequestrers and decomposers with roots and fallen logs in different forest vegetation types". Were proposed.
- Advisory consultancy to Mr. Sadu Sivaiah from Saduvaripalli (Village), Pullampet (Mandal), Kadapa (District) regarding health management of One year old Sandalwood Plantation.
- Advisory consultancy on "Urban Tree Management" provided to Community living people of "Laughing Waters" located at Whitefield.
- Advisory consultancy to Executive Engineer, KRDC through Video Conference on 30/06/2020 regarding transplantation of trees.

- A Technical bulletin on “Important insect pests in mangroves of Maharashtra and their management” (No.IWST/18/2020- 17 pages) by R. Raja Rishi and R. Sundararaj was released.
- Test reports of 2 wood samples for identification, 3 samples for moisture, 3 samples for density, 15 samples for mechanical properties and 4 samples for chemical analysis were sent to the concerned department/parties.