WEBINAR REPORT – July 16th 2021

A webinar was organized by Forest Research Center for Coastal Ecosystem on July 16th 2021 from 2:00pm to 3:20pm on the topic “Mangroves of Andaman”. The speaker was Shri M. Rajkumar (Scientist- D) from Tropical Forest Research Institute (TFRI), Jabalpur. The webinar was initiated by the introductory words of The Head, FRCCE, Dr. S. Chakrabarti (Scientist -G) and was followed by the presentation of Shri M. Rajkumar.

The presentation was embedded with the information regarding mangrove diversity, habitat and their economic value. Different types of pollinations among mangrove species along with biomass aspect was also briefed in the presentation. Apart from the biological mechanisms in Mangroves, their varied presence in different places of Andaman Islands highlighting “Sundalnd plate” was also discussed. A graphical representation on research trends of mangroves since 1950 to beyond 2005 year was also summarized. Low tide and high tide influential factors on mangrove population were also discussed along with future actions to be taken regarding mangroves like mangrove management interventions, role of mangroves in blue carbon sequestration, utilizing mangroves as nature based solutions, mangrove conservation, restoration and their sustainable use were described in detail during the session.

The initiatives of Government of India – programme/mission mode along with India specific actions mentioning about ‘Green Indian Mission’ and ‘Bonn challenge’ were highlighted. Photographs of Indian Ocean tsunami 2004 with reference to pre and post mangrove area demarcated in satellite view were also displayed in the presentation. The session was completely focused on mangroves, briefing each and every aspect regarding them thus elevating the purpose of conservation of mangroves.

Staff from IFB and FRCCE (10 members) participated in the webinar along with a trainee from FRCCE. The session was followed with a doubts clarifying session in which the question was regarding difference between durability of timber of normal trees and mangroves. Shri M. Rajkumar clarified that both the timbers are equally important in their own perspectives.

Session concluded by Dr. S. Chakrabarti thanking the speaker for his valuable information shared through the presentation.
FEW GLIMPSES OF WEBINAR:

**Sundaland plate**

One of India’s most dense & diverse mangrove forest.

The A & N islands are an archipelago of about 372 islands; (including islets & rocks) almost inhabited.

Rainfall (annual average: 3143 mm) and annual temperature of 26.3°C.

Climatic conditions favor the growth of mangroves along the creeks, near bays and lagoons.

The species diversity – approx. 45 species in 27 genera.

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Based on published literature

Keywords: Mangroves/A&N/ Mangroves A&N Islands

[Graph showing research trends from 1950-2004, 2005 and beyond]