

To be mailed to

**Dr. A. BALU**

Scientist - F

Organizing Secretary

Forest Protection division

Institute of Forest Genetics and Tree Breeding

P.B. No. 1061, R.S. Puram P.O.

Coimbatore - 641 002, Tamil Nadu, India

Ph : 91 422 2484159 Fax : 91 422 2430549

E-mail: [balufhm2012@gmail.com](mailto:balufhm2012@gmail.com) & [balu@icfre.org](mailto:balu@icfre.org)

may also be sent to Dr. A. Balu, Scientist - F, Organizing Secretary either by post or email at [balufhm2012@gmail.com](mailto:balufhm2012@gmail.com) & [balu@icfre.org](mailto:balu@icfre.org)

### REGISTRATION FEE

Students and Research scholars	- Rs. 400.00
Delegates from Research Organizations/ Universities/Departments/industries	- Rs. 750.00
Accompanying person	- Rs. 500.00

The registration fees may be remitted through Demand draft drawn in favour of the Director, Institute of Forest Genetics and Tree Breeding, payable at Coimbatore. The DD may be sent to the Organizing Secretary along with the filled in Registration form on or before 31.01.2012.

**Chairman and Chief Patron : Dr. V.K. BAHUGUNA, IFS**  
Director General, ICFRE  
Dehradun

**Convener : Dr. N. KRISHNAKUMAR, IFS**  
Director, IFGTB, Coimbatore

**Organizing Secretary : Dr. A. BALU**  
Scientist - F, IFGTB, Coimbatore

#### Organizing committee

**Shri. T.P. Raghunath** Group Coordinator (Research), IFGTB  
**Shri. R.S.C. Jayaraj** Silviculturist, Head, Forest Land Use and  
Climate Change division, IFGTB

**Shri. S.K. Shanmugasundaram** Head, Biodiversity division, IFGTB

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**Shri. K. Ravichandran** Head & Extension Officer Socio  
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IFGTB

**Dr. Prasanth Jacob** Scientist -E, Forest Protection division,  
IFGTB

**Dr. A. Karthikeyan** Scientist -D, Forest Protection division  
IFGTB

#### ADDRESS FOR CORRESPONDENCE

**Dr. A. BALU**

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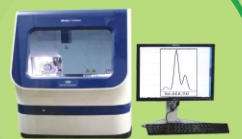
Coimbatore - 641 002, Tamil Nadu, India

Ph : 91 422 2484159 Fax : 91 422 2430549

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## National Seminar on Forest Health Management (FHM-2012)

21- 22 March, 2012



**Institute of Forest Genetics and Tree Breeding**  
(Indian Council of Forestry Research and Education)  
**Coimbatore**

## BACKGROUND

Forestry deals not only with natural forests, but also the Trees Outside Forests (TOF) in the form of agroforestry, social forestry, plantation forests, urban forestry and sacred groves. These forests cater to various needs of mankind in the form of environmental services and tangible forest products. Protection and conservation of forests and reforestation of degraded forests are given significant importance under various programmes by Government of India and the State Forest Departments. Similarly raising of Trees Outside Forests is being promoted largely through plantation forests and development of Agroforestry, in which the trees are subject to a wide spectrum of biotic and abiotic stresses including soil health and nutrition. Under congenial environment pests and diseases cause catastrophic damage that result in total loss of the planting stock and failure of plantation. Further the soil, water, temperature, nutrition and weeds also play a vital role in forest health management just as in the case of annual and perennial crops. Pests and diseases management in plantation forests and agroforestry has not received much attention so far. In the recent past emphasis on producing high value tree products using improved germplasm and emergence of serious pest problems have increased awareness on risks posed by native and invasive pests and diseases in plantation and agroforestry. At this juncture forest health management which comprises of Abiotic disturbances and forest health, Insect pests, diseases and invasives and forest health, Nutrition management and forest health, Breeding and Biotechnology for forest health gain paramount importance.

In the process of increasing the forest cover continuous efforts are being made through various government programmes such as Green India Mission. The objective of the mission is to double the area to be taken up for afforestation /eco-restoration in India in the next 10 years, taking the total area to be afforested or eco-restored to 20 million ha. Further the Mission is to support a programme of nurseries for raising quality seedlings to meet the demands of farmers as well as to make available post plantation care. Such mega programmes for increasing tree cover in the country should be supported by effective Forest health management strategies. Thus in all efforts of Government of India and State Forest Departments to increase forest and tree cover the issues of forest health management is assuming immense significance, particularly in the era of climate change.

## OBJECTIVE

With a view to highlight the importance of forest health management and thereby to create awareness among the tree growers as well as to encourage the researchers to take up more studies relating to the Forest health management a National Seminar on Forest Health Management is being held at IFGTB, Coimbatore, during 21-22 March, 2012. This seminar will facilitate the researchers in the country to deliberate major issues relating to Forest Health and consolidate the research upto date. It will also provide an opportunity for researchers working on forest health management to interact with clients such as farmers, foresters, industries and other stakeholders. This will also help to bring to light the importance of factors other than the pests and diseases that play a vital role in Forest Health Management. The proceedings shall be useful to foresters, farmers and wood based industries engaged in

cultivation of trees outside the forests and the management of forest resources.

## THRUST AREAS OF THE SEMINAR

### Abiotic disturbances and forest health

- Salinity/Alkalinity and forest health
- Drought and flood stress
- Temperature stress (chilling, freezing, heat)
- Soil and forest health

### Insect pests, diseases and invasives and forest health

- Pests and their management
- Diseases and their management
- Weeds & Invasives and their management
- Biological control of pests and diseases
- Bio-prospecting for botanical pesticides

### Nutrition management and forest health

- Macro & Micro nutrients management
- Irrigation management
- Biofertilizers including beneficial microbes

### Breeding and Biotechnology for forest health

- Breeding for pest and disease resistance
- Breeding for stress tolerance
- Biotechnological tools for enhancing stress tolerance and pests and disease resistance

## SUBMISSION OF ABSTRACTS

A one page abstract, including the title, name of author(s), affiliation and key words, formatted in MS Word in Times New Roman, 12pt, 1.5 Line spacing with 1' margin on all sides should be submitted through email on or before 31<sup>st</sup> January, 2012 to [balufhm2012@gmail.com](mailto:balufhm2012@gmail.com) & [balu@icfre.org](mailto:balu@icfre.org) Acceptance of abstracts for oral or poster presentation will be informed to the corresponding authors. Full paper should be submitted to the Organizing Secretary by February 29<sup>th</sup>, 2012. The papers will be brought out in the form of proceedings.

## VENUE

The seminar will be held at the Institute of Forest Genetics and Tree Breeding (IFGTB), which is situated in the center of Coimbatore city and easily accessible by local transport. The city is located at the foothills of Nilgiris which is the junction of the Eastern and Western ghats. The weather is pleasant during March. The city is well connected by road, rail and air

## ACCOMMODATION AND TRAVEL

Limited accommodation is available in the Institute guest house and hostel that can be arranged on first come first served basis. Good quality budget hotels are also available in Coimbatore at an affordable cost. Participants will have to bear the cost of transport and accommodation. Accommodation enquiries/requests and travel plan

# REGISTRATION FORM

## National Seminar on Forest Health Management (FHM-2012)

March 21<sup>st</sup> and 22<sup>nd</sup>, 2012  
Institute of Forest Genetics and Tree Breeding  
Forest Campus, R.S.Puram, Coimbatore-641 002  
Tamil Nadu, India

- Name : .....  
Prof./Dr./Mr./Mrs./Ms
- Designation : .....
- Sex : ..... Age : .....
- Organization/Institution : .....
- Postal address : .....  
.....  
City ..... Pin Code .....
- E-mail : .....
- Tel : ..... Mobile : .....
- I would like to  participate I would like to participate   
and present a paper /poster
- Title of the paper : .....  
.....  
.....  
Thrust Area : .....
- Details of Demand Draft : .....
- Name of accompanying person(s), if any : .....
- Accommodation  Hostel  Hotel  Not required   
requirement
- Place : ..... Date : .....

Signature of the applicant

Registration form may please be sent to Dr. A. Balu, Scientist F, Organizing Secretary, FHM-2012, Institute of Forest Genetics and Tree Breeding, P.B. No. 1061, R.S. Puram P.O. Coimbatore-641 002, Tamil Nadu, INDIA, on or before 31.01.2012. Ph: 91 422 2484159; Fax: 91 422 2430549; Mobile: +91 9442268163; E-mail: [balufhm2012@gmail.com](mailto:balufhm2012@gmail.com) & [balu@icfre.org](mailto:balu@icfre.org)