



# ICFRE NEWSLETTER

October-December 2008

Vol. 8 No. 4

## INDIAN COUNCIL OF FORESTRY RESEARCH AND EDUCATION



Panoramic view of Sankosh River at Kerabari, Bhutan

Photo : Dr. Arun Pratap Singh, FRI, Dehradun

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## PARTICIPATION OF ICFRE DELEGATION IN THE FOURTEENTH CONFERENCE OF THE PARTIES TO THE UNFCCC AND FOURTH MEETING OF THE PARTIES TO THE KYOTO PROTOCOL HELD IN POZNAN, POLAND FROM 1-12 DECEMBER 2008

The ICFRE delegation, comprising Shri Jagdish Kishwan, DG, ICFRE, Dr Renu Singh, Head, Biodiversity and Climate Change Division, Shri V.R.S. Rawat, Scientist- D, Biodiversity and Climate Change Division, and Dr A. Ramachandran, Director, Centre for Climate Change and Adaptation Research, Anna University Chennai, Tamil Nadu participated in the conference along with the Government of India Delegation.

The ICFRE personnel were involved in the negotiations on the following agenda items of the SBSTA and AWG-KP related to forestry during the conference:

1. SBSTA 29 Agenda item 5: Reducing Emissions from Deforestation in Developing Countries (REDD): Approaches to stimulate action
2. AWG KP 6 Agenda item 3 (b) Land Use, Land Use Change and Forestry (LULUCF)

India in its statement supported a comprehensive approach on REDD that encompasses all actions by country Parties contributing directly in reducing emissions from deforestation at the global level.

### Demand for Quality Seeds from IFGTB

**The Institute of Forest Genetics and Tree Breeding (IFGTB), Coimbatore** has established Seedling Seed Orchards (SSOs) and Clonal Seed Orchards (CSOs) in Tamil Nadu, Pondicherry, Kerala and Andhra Pradesh during 1997-98 for *Acacia auriculiformis*, *A. mangium*, *Casuarina equisetifolia*, *C. junghuhniana*, *Eucalyptus camaldulensis* and *E. tereticornis*. Seed collection from these seed orchards were started during 2002 onwards and fairly good quantity of quality seeds, mostly *Casuarina* and *Eucalyptus* are being collected every year and supplied to the user agencies such as paper industries, farmers and state forest departments. The demand for these seeds is increasing every year, on the plants raised using these seeds are performing much better compared to the other varieties. The average yield from the quality seeds plantations is recorded to be 17% higher than the local variety.



One year old plantation raised with quality seeds of *Casuarina junghuhniana*

### Grant-in-Aid to Universities

**ICFRE** has been providing Grant-in-Aid to various forestry research, Agricultural Universities / institutions to strengthen the infrastructure for giving impetus to Forestry Education in the country that offer Undergraduate and Postgraduate courses. During the current financial year Rs. 467.66 lakhs have been released to 13 Universities till December 2008.

### Workshops/Seminars Organized

**Forest Research Institute (FRI), Dehradun** organized a Workshop on "Forestry for Common People" on 25<sup>th</sup> and 26<sup>th</sup> November 2008. Thiru Sevugan Regupathy, Hon'ble Minister of State, Ministry of Environment and Forests, Government of India inaugurated the workshop.



Workshop on 'Forestry for Common People'



**FRI, Dehradun** organized a National Seminar on “Premature failure of timber in cooling towers; causes, challenges and future strategies” on 10<sup>th</sup> and 11<sup>th</sup> November 2008. Issues related to timber in cooling towers, R&D requirements and future strategies were discussed in the seminar by the experts from user industries, manufacturers, suppliers, R&D organizations, policy makers and foresters. Shri Jagdish Kishwan, DG, ICFRE was the Chief guest and Dr. S. Chandra, Advisor, Ministry of Chemicals and Fertilizers, Govt. of India delivered the key note address.

**FRI, Dehradun** organized International Seminar on “Role of Plant Taxonomy in Biodiversity Management and Human Welfare” in collaboration with Association for Plant Taxonomy (ATP) from 1<sup>st</sup> to 3<sup>rd</sup> December 2008 to mark the 100 years of the establishment of the world famous Herbarium of the Forest Research Institute, Dehradun, internationally named as Dehradun herbarium. The seminar was inaugurated by Dr. S.S. Negi, Director, Forest Research Institute. On this occasion 23 veterans who contributed towards the development and progress of the Herbarium were honoured for their significant scientific services.



Participants of International Seminar on “Role of Plant Taxonomy in Biodiversity Management and Human welfare”

**Institute of Wood Science and Technology (IWST), Bangalore** conducted one day Indo-Italian Seminar on “Standardization of wood testing processes” on 5<sup>th</sup> November 2008. The seminar was inaugurated by Sri A.K. Varma, MD, KSFIC, and Prof. (Dr.) Lidia Szyrkowicz, Scientific Counselor, Embassy of Italy, Dr. Rabindra Kumar, DDG (Extension), ICFRE and Shri S.C. Joshi, Director, IWST were dignitaries present during the occasion.

**Indian Institute of Forest Productivity, (IFP) Ranchi** organized a workshop on “Preparation of People's Biodiversity Register under Biological Diversity Act, 2004” during 19<sup>th</sup> and 20<sup>th</sup> December 2008 under UNDP-CCF-II Project Biodiversity Conservation through Community Based Natural Resources Management.

### Trainings Organized

A one-week refresher training course for Indian Forest Service officers on “Climate Change and Relevance to Forestry Sector” was organized by the Biodiversity and Climate Change Division of ICFRE, from 3<sup>rd</sup> to 7<sup>th</sup> November 2008 at Dehradun sponsored by the Ministry of Environment



Inauguration of Indo-Italian Seminar on “Standardization of wood testing processes”



Participants of refresher training course on “Climate Change and Relevance to Forestry Sector”



and Forests, Government of India. 25 IFS officers of different states participated in this course, and highly appreciated the relevance of the courses.

As part of HRD initiatives, ICFRE organized specialized training programme on “Agroforestry” for the scientists of various institutes at National Research Centre for Agroforestry (NRCAF) Jhansi from 24<sup>th</sup> November to 5<sup>th</sup> December 2008 in all 12 scientists of the Council attended the programme.

**F.R.I., Dehradun** in cooperation with the Horticulture Village Industries Committee organized training on medicinal plants cultivation at village, Shyampur from 8<sup>th</sup> to 12<sup>th</sup> December 2008. The training programme was inaugurated by Dr. S.S. Negi, Director, Forest Research Institute. Dr. B.P. Nautiyal, General Manager, NABARD was Special Guest. The farmers from the villages participated in the training.



Training on medicinal plants

**FRI, Dehradun** organized a short term training course on “Classification & Grading of Timber” by at FRI, Dehradun from 3<sup>rd</sup> to 7<sup>th</sup> November 2008. Ten participants from Naval Dockyard, Mumbai participated. During the training, lectures on strength properties of wood, defects and grading of timber classification & suitability indices of timber etc. were delivered including

lectures on wood anatomy, wood seasoning, wood composite and wood preservation. A field visit to Timber Depot, Raiwala with the help of Uttarakhand Forest Development Corporation was also organized for giving more exposure to onsite timber grading of both logs and sawn timber.

**Arid Forest Research Institute (AFRI), Jodhpur** organized two five-day trainings on various aspects of bamboo with field demonstrations and visits to bamboo growing areas from 4<sup>th</sup> to 8<sup>th</sup> November 2008 at Udaipur, Rajasthan and from 12<sup>th</sup> to 16<sup>th</sup> November 2008 at GFRC, Rajipla, Gujarat to familiarize participants on nursery, bamboo plantation, its role in improving the forest productivity in degraded forest, non-forest lands including community lands and including Utilization and Marketing aspects of Bamboos.

**Himalayan Forest Research Institute (HFRI), Shimla** organized a five-day training under Bamboo Technical Support Group (BTSG), ICFRE, Dehradun to make the field functionaries of the State Forest Department and farmers of the state aware of the planting techniques and uses of Bamboos etc. under the aegis of National Bamboo Mission, New Delhi from 13<sup>th</sup> to 17<sup>th</sup> September, 2008 at Forest Training Institute, Chail.

**HFRI, Shimla** organized a one-day training and demonstration programme on 'Commercial Cultivation of Patish and Chora' on 5<sup>th</sup> December 2008 at Mahunag in Karsog Forest Division of Mandi District of Himachal Pradesh under NMPB funded project. The training was attended by farmers and forest officials.



Participants of training programme on 'Commercial Cultivation of Patish and Chora' at Mandi, Himanchal Pradesh



**IWST, Bangalore** organized a short term training on “Wood Protection” (Seasoning, Preservation and Biodegradation) from 20<sup>th</sup> to 24<sup>th</sup> October 2008 for trainees from Govt./Pvt. Sectors.

**Tropical Forest Research Institute (TFRI), Jabalpur** organized two five-day training programmes on “Nursery and Plantation Techniques, Utilization and Marketing of Bamboo” for farmers and field functionaries of Gujarat from 13<sup>th</sup> to 17<sup>th</sup> October 2008 and for farmers and field functionaries of Chhattisgarh & Madhya Pradesh from 15<sup>th</sup> to 19<sup>th</sup> December 2008 under BTSG of National Bamboo Mission.

**TFRI, Jabalpur** organized a two-day training programme on “Application of Bio-fertilizer” for officials of Orissa Forest Department from 13<sup>th</sup> and 14<sup>th</sup> November 2008.



Training programme on “Application of Bio-fertilizer”

**Rain forest Research Institute (RFRI), Jorhat** imparted training on “Propagation, Cultivation and Value Addition of Bamboo” to Eco-Development Committees of Kaziranga and adjoining areas on 9<sup>th</sup> November, 2008 at RFRI, Jorhat.



Training on “Propagation, Cultivation and Value Addition of Bamboo

**Advanced Research Centre for Bamboo and Rattan, Aizawl (Mizoram)** a unit of RFRI, Jorhat organized a two-day Farmers Awareness Programme on 20<sup>th</sup> and 21<sup>st</sup> November 2008. Progressive farmers from adjoining villages of Aizawl attended the programme. The participating farmers were made aware of the importance and benefits of bamboo cultivation and were given practical training on bamboo propagation,

nursery establishment, cultivation and harvesting practices etc.



Participants learning Bamboo Propagation Technique at ARCBR nursery

## Mela /Trade Fair/Festival

**FRI, Dehradun** participated in “Kissan Mela” at Govind Ballabh Pant University, Dhakrani. FRI displayed the medicinal plants, making compost and Neutral dyes from the forest wastes. Farmers from different parts of Uttarakhand State took part in this programme.

**IFP, Ranchi** participated in ten-days Rural Exhibition-cum-Fair “Sunderban Kristi Mela-O-Loko- Sanskriti Utsab held from 20<sup>th</sup> to 29<sup>th</sup> December 2008” organized by Kultali Milon Tirtha Society, South 24 Parganas, West Bengal. Award 3<sup>rd</sup> Pavallion Prize was received by Dr Rajiv Rai on behalf of the Institute from Shri Kantilala Ganguly, Hon'ble Minister for Development of Sunderban, West Bengal.



Dr. Rajiv Rai receiving the 3<sup>rd</sup> Pavallion Prize at Sunderban Kristi Mela-O-Loko- Sanskriti Utsab, West Bengal

**RFRI, Jorhat** presented a display of scientific activities during 16<sup>th</sup> National Children's Science Congress held during 23<sup>rd</sup> to 26<sup>th</sup> October, 2008 at Jorhat.



Director, RFRI addressing at Inaugural function of 16<sup>th</sup> National Children's Science Congress



**ARCBR, Aizawl** a unit of RFRI, Jorhat participated in the two days Bamboo Festival sponsored by Govt. of India and co-organized by Department of tourism and Bamboo Development Agency of Mizoram on 17<sup>th</sup> and 18<sup>th</sup> December 2008 in Aizawl.



ARCBR stall in Bamboo Festival, Aizawl

## Consultancies

### Mining

The Environmental Impact Assessment (EIA) Division under the Directorate of Extension extends scientific service for various developmental projects. Recently, the division has successfully completed Environmental Impact Assessment studies and formulated Environmental Management Plan for Bauxite mining in Jerrila Block and preparation of detailed Catchment Area Treatment Plan (CATP) including microplanning and placement of suitable SMC works to prevent soil erosion for exploitation of Bauxite in Jerrila block, Visakhapatnam for Andhra Pradesh Mineral Development Corporation Ltd. (APMDC), Andhra Pradesh. These projects was awarded to ICFRE during 2007 and successfully completed in 2008. The Environmental Appraisal Committee (EAC) has accorded approval to APMDC to carry out mining, in Jerrila block.



Bauxite Mine area Jerrila, Andhra Pradesh

### Hydro project

The study of Environmental Impact Assessment (EIA) and formulation of

Environmental Management Plan (EMP) for Renukaji Dam Project in Sirmour district, Himachal Pradesh was awarded to ICFRE during 2007 by Himachal Pradesh Power Corporation Ltd. and was successfully completed in 2008. The EAC has accorded approval of the project with compliment that EIA and EMP reports prepared by ICFRE is well with adequate details to comprehend various issues.



Renuka dam site, Giri river, Himachal Pradesh

ICFRE has been recently awarded (1) Rapid EIA and EMP for Sankosh multipurpose Project for Reservoir portion in Bhutan and canal portion in India by Tehri Hydro Development Corporation Ltd. (2) Rapid EIA/EMP Study for Jadhganga (50 MW) and Karmoli (140 MW) Projects for Tehri Hydro Development Corporation Ltd.

### Meetings

**IFGTB, Coimbatore** conducted a meeting on Classical Biological Control Programme of Eucalyptus Gall Wasp, *Leptocybe invasa* with the Director and Scientist of the Project Directorate of Biological Control (PDBC), Bangalore, at Coimbatore on 22<sup>nd</sup> December 2008.

**HFRI, Shimla** organized two meetings with the villagers at Baggi and Surani of Changar region of district Kangra on 13<sup>th</sup> and 14<sup>th</sup> December 2008. Issues pertaining to "Impact of Participatory Forest Management Project" were discussed and explained during the meeting.

**HFRI, Shimla** convened an interactive meeting on Network Project titled, "Population Assessment and Identification of Superior Stock of *Picrorhiza kurroa* Royle ex. Benth and *Valeriana jatamansi* Jones by Screening Different Populations from Northeast-West Himalayas (H.P. and Uttarakhand)", on 11<sup>th</sup> December 2008. Network partners from IHBT, Palampur and



J.P. University, Wagnaghat and scientists from HFRI, Shimla attended the meeting.

## Vigilance Awareness Week

Vigilance Awareness Week was observed at FRI, Dehradun, RFRI, Jorhat, and HFRI, Shimla from 3<sup>rd</sup> to 7<sup>th</sup> November 2008. The officers and staff of these institutes took pledge and participated in various activities during the celebrations. FRI, Dehradun organized an essay competition and a workshop at the occasion. IFP, Ranchi, observed Vigilance Awareness Week from 7<sup>th</sup> to 14<sup>th</sup> November 2008.

### Corrigendum

Names of the Larvae in the front page photograph of the last issue (Vol. 8 No. 3) of the Newsletter have been inadvertently jumbled. The correct sequence is as follows : A. Larva of *Ophiusa janata*, B. Larva of *Ophiusa tirhaca*, C. Larva of *Ascotis seleneria*, D. Larva of *Paectes subapicalis*. The error is regretted.

## VVK News

**FRI, Dehradun** a training programme on "Awareness Programme of Forestry Research and its Utilization" for foresters and farmers of Chandigarh (UT) from 20<sup>th</sup> to 22<sup>nd</sup> October 2008 was organized at Van Vigyan Kendra, Chandigarh and for foresters and farmers of NCT, Delhi, from 15<sup>th</sup> to 19<sup>th</sup> December 2008 was organized at Van Vigyan Kendra, NCT of Delhi.

**HFRI, Shimla** organized one day training and demonstration programme on 'Commercial Cultivation of medicinal Plants: An Option for Augmenting Rural Income' under VVK activities at Veergarh in Kotgarh region of Himachal Pradesh on 13<sup>th</sup> December 2008. It was attended by

farmers from traditional apple growing region of the Himachal Pradesh state.

**HFRI, Shimla** organized a one-day training and demonstration programme on 'Tree Improvement - A Tool for Productivity Enhancement under VVK activities at Bir Plassi, Nalagarh in Nalagarh Forest Division of Solan District of Himachal Pradesh on 16<sup>th</sup> December 2008. About 50 farmers and forest officials participated in the programme.

**IWST, Bangalore** conducted demonstration of portable distillation unit and various "Forestry and Wood Science Technologies" at Van Vigyan Kendra, Forest administrative training centre, Kadugodi, Bangalore on 15<sup>th</sup> and 17<sup>th</sup> October 2008 and also conducted training cum demonstration program on wood utilization, portable distillation unit, nursery techniques and wood biodegradation, on 12<sup>th</sup> December 2008. About 100 participants participated in the program. Among them 60 were VFC members.

**IWST, Bangalore** also conducted training cum demonstration program on bamboo treatment and management at VVK, Hyderabad on 23<sup>rd</sup> December 2008. A Portable distillation unit was installed. A total of about 75 participants participated in the program.

**RFRI, Jorhat** imparted training to Frontline Forest Officials of Nagaland Forest Department under Van Vigyan Kendra at SEFTI, Dimapur, Nagaland on 17<sup>th</sup> and 18<sup>th</sup> December, 2008.

**TFRI, Jabalpur** organized a two days training programme on "Sustainable harvesting of medicinal plants" at Van Vigyan Kendra, Koraput, Orissa from 10<sup>th</sup> and 11<sup>th</sup> December 2008.



Participants of training programme on 'Commercial Cultivation of Medicinal Plants: An Option for Augmenting Rural Income'



## Staff News

### Promotions :

Shri Daleep Ram, R.A.I, F.R.I, Dehradun	22.10.08	Shri H.S. Vedwal, Tax Asst., ACIT, New Delhi	21.10.08
Shri Neeraj Gupta, Head Clerk, F.R.I, Dehradun	05.11.08	Shri H.W. Sharma, Tax Asst., ACIT, New Delhi	31.10.08
Shri S.M.H Zaidi, R.A.I, F.R.I, Dehradun	27.11.08	Shri V.S.Thapa, Tax Asst., ACIT, New Delhi	31.10.08
Shri R.P. Kandpal, R.A.I, F.R.I, Dehradun	04.12.08	Smt. Nirmal Yadav, Tax Asst., ACIT, New Delhi	31.10.08
Smt. Kashmiri Devi, UDC, F.R.I, Dehradun	12.12.08	Km. Sharad Kukreti, Tax Asst., ACIT, New Delhi	31.10.08
Dr. Ranjeet Singh, Scientist-E, HFRI, Shimla	01.01.07	Shri G.S.Rana, Tax Asst., ACIT, New Delhi	31.10.08
Dr. R. Sundararaj, Scientist-F, IWST, Bangalore	01.01.08	Shri Suresh Kumar, Tax Asstt., ACIT, New Delhi	19.11.08
Smt. H.C. Nagaveni, Scientist-D, IWST, Bangalore	01.01.08	Shri Vijay S. Yadav, Tax Asstt., R.I.N, Delhi	19.11.08
Shri Y.B. Srinivas, Scientist-D, IWST, Bangalore	01.01.08	Shri Deeraj S.Bhandari, Tax Asstt., R.I.N, Delhi	19.11.08
Dr. N. Senthil Kumar, FRC, Hyderabad	01.01.08	Shri Vinod Kumar, Tax Asstt., R.I.N, Delhi	19.11.08
Shri P. Kumar, Scientist-C, IWST, Bangalore	01.01.08	Shri H.C.S. Bhandari, Tax Asstt., R.I.N, Delhi	19.11.08
		Shri Radhey S. Sharma, Tax Asstt., R.I.N, Delhi	19.11.08
		Shri. A.M. Nautiyal, Tax Asstt., R.I.N, Delhi	19.11.08
		Smt. Madhu Patwal, Tax Asstt., R.I.N, Delhi	19.11.08

### Recruitment :

Shri Antrix Kumar Soni, T.A. Gr. C, F.R.I, Dehradun	22.10.08
Shri Ashish Sharma, T.A. Gr. C, F.R.I, Dehradun	27.10.08
Shri Anoop Kumar, T.A. Gr. C, F.R.I, Dehradun	03.11.08

### Redeployment :

Shri Surendra S. Rawat, Driver/INMAS, Brig. S.K. Marg, Delhi	30.09.08
Shri S.M.S. Rawat, Tax Asst., ACIT, New Delhi	20.10.08
Shri M.C. Bhandari, Tax Asst., ACIT, New Delhi	20.10.08
Shri Bhag Singh, Tax Asst., ACIT, New Delhi	20.11.08
Shri Ram Jag, Tax Asst., ACIT, New Delhi	20.10.08
Shri Ram Kirpal, Canteen Attendant, ITM, Mussoorie	23.09.08
Shri Sudarshan Singh, Tax Asst., ACIT, New Delhi	21.10.08
Shri S.K. Sheel, Tax Asst., ACIT, New Delhi	31.10.08
Shri Roshan Singh, LDC, Passport Office, Chandigarh	31.10.08
Smt Subhash Kaur, LDC, CRI, Kausauli (HP)	31.10.08
Shri Munne Singh, Tax Asst., ACIT, New Delhi	31.10.08

### Joining :

Dr. M.S. Rana, CMO, FRI, Dehradun	07.10.08
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### Retirement :

Shri O.P. Bhatt, R.O., FRI, Dehradun	31.10.08
Shri U.C. Molasi, HC, FRI, Dehradun	31.10.08
Shri S.C. Pant, R.A.I, FRI, Dehradun	31.10.08
Shri Pratap Singh, Driver Gr.II, FRI, Dehradun	31.10.08
Smt. Hridesh, Office Suptd., FRI, Dehradun	30.11.08
Shri V.K. Gaily, Asstt., Foreman, FRI, Dehradun	30.11.08
Shri N.C. Khera, R.A.I, FRI, Dehradun	30.11.08
Shri M.Y. Ansari, R.A.I, FRI, Dehradun	31.12.08
Shri Gaya Prasad, Mali, FRI, Dehradun	31.12.08

### Transfer :

Dr. P.K Khatri Scientist 'C', TFRI, Jabalpur	24.10.08
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## OBITUARY

ICFRE Family deeply condoles the sudden and sad demise of Shri Avdesh Kumar, UDC, Silviculture Division, FRI, Dehradun on 29.11.2008 and Shri Mohd. Abdul Alim, Head Clerk, Service Branch, FRI, Dehradun on 27.12.08 and prays for the peace of the departed souls.

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Shri Jagdish Kishwan, DG

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### Honorary Editor

Shri Sarvesh Singhal, ADG (Media & Publication)  
 Directorate of Extension, Indian Council of Forestry Research and Education,

P.O. New Forest, Dehradun - 248 006

E-mail : [adg\\_mp@icfre.org](mailto:adg_mp@icfre.org) Phone : 2755221 FAX : 91-135-2753882

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