



Forest TECH 2010

Tools & Technologies to Improve Forest Planning & Operations

Albury, NSW, Australia
22 - 24 November 2010



EVENT SPONSORS



www.foresttechevents.com

DAY ONE : MONDAY 22 NOVEMBER 2010

6.00 - 7.00pm Pre-Event Drinks

DAY TWO : TUESDAY 23 NOVEMBER 2010

8.00am Conference Registration

9.00am Welcome & Introduction, FIEA

9.15am **Opening Address: The Changing Forestry Landscape in Australia.** Impacts and implications to forest management practices
Islay Robertson, Executive General Manager, Operations, Forestry SA

10.00am Morning Tea & Networking

SESSION 1: FOREST GENETICS AND TREE BREEDING

10.30am **New Pine Varieties Increase Plantation Profitability.** Combining cloning and selection for step-change improvement in timber and carbon yields
Dr. Mike Carson, Managing Director, Forest Genetics Ltd, New Zealand

11.00am **Pathways and Speed to Market for Improved Germplasm.** How it works in practice?
Greg Mann, General Manager, Arborgen (Australasia), New Zealand

11.30am **Using Economics to Match Genetics to Site Types and End Products in Pine and Eucalypts.**
Dr. Tony McCrae, General Manager, Southern Tree Breeding Association

12.00pm Lunch & Networking

1.00pm **Optimising Returns from Tree Breeding.** Focussing on specific traits of key economic importance, speeding up breeding and deployment of genetically improved planting stock and improving measurement, prediction and capture of genetic gain in the forest
John Butcher, CEO, Radiata Pine Breeding Company, New Zealand

1.30pm **Commercialisation, R&D and Mass Production Technologies for Elite Clones for Forestry Plantations**
Ann Radke, Owner/Manager, Clonal Solutions Australia

SESSION 2: NURSERY TECHNOLOGIES

2.00pm **Innovations in the Propagation of Eucalyptus Seedlings and Clonal Hybrids**
David Cliffe, Managing Director, Narromine Transplants

2.30pm **Construction of a Significant Scale Container Production System for Plantation Forestry Seedlings**
Steve Sullivan, Manager, Production Nurseries Tree and Seed Resources, Forests NSW

3.00pm Afternoon Tea & Networking

3.30pm Technology Showcase – Managed Exhibitions

5.00pm Refreshments

6.30pm Conference Dinner

DAY THREE : WEDNESDAY 24 NOVEMBER 2010

SESSION 3: LAND PREPARATION, FERTILISER AND HERBICIDE TRIALS, TECHNOLOGIES & APPLICATION

9.00am **Australian Plantation Forestry Industry Herbicide Research Consortium.** Screening trials from across four States
Dr. Barry Tomkins, Plantation Forestry Consultant, GreenTree Forestry Services

9.30am **Results from Dose Response Trials Identifying the Most Effective FSC Compliant Herbicides for Major Weed Species.** The development of a Decision Support System for the forestry industry
Dr. Michael Watt, Senior Scientist, Project Leader (Weeds and New Forest Systems), Scion, New Zealand

10.00am Morning Tea & Networking

10.30am **Results from Recent Forest Canopy Spray Penetration, Deposition and Drift Research and Modelling**
Dr. Andrew Hewitt, Director, Centre for Pesticide Application & Safety, University of Queensland

11.00am **Precision Forestry.** Using GPS for accurate ground and air-based fertiliser/chemical application. Productivity gains being achieved in agriculture and application to forestry operations
Colin Brown, Managing Director, TracMap, New Zealand

SESSION 4: PLANTATION SILVICULTURE

11.30pm **New Instrumentation for Measurement of Water Use and Growth in Forests**
Dr. Mike Forster, Plant and Soil Scientist, ICT International

12.00pm Lunch & Networking

1.00pm **The Development of a New MOE Modelling Tool.** Determining how different stocking levels will impact on wood stiffness across an environmental range
Dr. Michael Watt, Senior Scientist, Project Leader (Weeds and New Forest Systems), Scion, New Zealand

1.30pm **Plantation Silviculture for Eucalypt Solid Wood Products.** Managing genetics, modifying tending regimes and wood quality and processing options. An overview of management practices adopted by Forestry Tasmania and current research programmes
Dr. Paul Adams, Principal Scientist (Plantations), Forestry Tasmania

SESSION 5: FOREST FIRE FIGHTING TECHNOLOGIES

2.00pm **The Latest in Bushfire Detection Cameras.** Computerized semi-automatic bushfire early detection. Results from recent trials in NSW and Victorian forests
Nicolas Souchaud, Sales and Marketing Manager, Fire Fighting Technologies International

2.30pm **Bushfire Research: An Australian / New Zealand Co-operative Approach - seven years down the track...**
Gary Morgan, Chief Executive Officer, Bushfire CRC

3.00pm Forest Management - Learning to Live with and Manage Fire

Professor Mark Adams, the Dean, Faculty of Agriculture, Food and Natural Resources, University of Sydney

3.30pm Event Concludes: Afternoon Tea & Networking

Who will be attending?

Forestry managers, forest owners, technical foresters, forestry consultants, nursery managers, plantation forestry researchers and key suppliers to Australian and New Zealand forestry companies.

Venue: Albury Entertainment Centre, Swift Street, Albury, NSW, Australia (Website: www.alburycity.nsw.gov.au)

Accommodation:

Special ForestTECH 2010 room rates from AU\$158 have been set up for delegates at Quest Albury, 550 Kiewa Street, Albury, NSW. Quest Albury has 104 serviced apartments. Further details on the negotiated rates can be found on www.foresttechevents.com.

Presented by: Forest Industry Engineering Association, a division of Innovatek Ltd

Please note that FIEA reserves the right to change the programme if needed without prior knowledge to event delegates.

What is ForestTECH 2010?

ForestTECH 2010 builds on the outstanding success of the 2009 technology series that ran in both New Zealand and Australia in November last year. Over 300 technical staff attended the inaugural events, ForestTECH 2007 and ForestTECH 2008. Well over 200 forestry managers, forest owners, technical foresters and forestry consultants attended ForestTECH 2009.

The focus of the technology event changes this year. For the first time in Australasia, the series will cover some of the new tools, technologies and research that are available for forestry managers to improve their planning and operations around selection of the tree crop, plantation establishment and management.

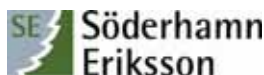
What will the programme cover?

ForestTECH 2010 includes an integrated series of practical workshops, managed exhibitions, displays and demonstrations. Key themes being covered in this new two-day programme will include;

- Genetics and Tree Breeding
- Nursery Technologies
- Land Preparation
- Fertiliser/Herbicide Trials, Technologies and Application
- Plantation Silviculture, and
- Forest Fire Fighting Technologies.



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SOUTHERN TREE BREEDING ASSOCIATION

ForestTECH 2010

Albury Entertainment Centre, Swift Street, Albury, NSW, Australia

Conference Registration Form

SPECIAL Early Bird Discount: Register BEFORE Friday 15 October 2010
Discounts available for FIEA and IFA Members

Delegate Details:

Name	Position	E-mail
Company:		
Postal Address:		
Tel:		Fax:

Programme Rates:

Activities	Rate Per Delegate	# of Delegates	Total
Early Bird Conference Rate (Before 15 October) - per Delegate	AU\$780		\$
Standard Conference Rate (After 15 October) - per Delegate	AU\$920		\$
Group Conference Rate (when booking 3 or more Delegates from the same site or office) – per Delegate	AU\$620		\$

SUBTOTAL	\$
+ GST (10%)	\$
GRANDTOTAL	\$

- All prices exclude GST.
- **Forest Industry Engineering Association (FIEA)** member discounts of up to **25%** apply off the Conference Rate. Membership status can be checked by calling our FIEA offices.
- Members of the **Institute of Foresters of Australia** receive a 10% discount off the Standard Conference Rate.
- To be eligible for the Early Bird Rate, registrations must be received by FIEA by **Friday 15 October 2010**.
- Your conference registration payment covers **pre-event drinks, morning and afternoon teas, lunches, the conference dinner, refreshments** and a hardcopy of the **detailed event proceedings**.

Note: Because of the expected interest in the programme, 50% of the fee will be refunded for late cancellations if notice is received before **Friday 15 October 2010**. Cancellations after this date will not qualify for a refund. However, other persons within the same company can attend in place of the cancelled registered delegate.

Payment:

<input type="checkbox"/> Cheque payable to Forest Industry Engineering Association enclosed, or
<input type="checkbox"/> Direct credit our Bank of Melbourne Account: 033115-137710, Innovatek Ltd, or
<input type="checkbox"/> Please debit my MasterCard/Visa/Amex (circle one)
Amount Enclosed: \$
Credit card number:
Expiry date:
Cardholder's name:
Cardholder's signature:

PLEASE RETURN TO:
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PO Box 6150, Rotorua 3043, New Zealand
Fax: (+64) 7 921 1381,
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FOR MORE INFORMATION:
Contact us on 1800 126 398, (+64) 7 921 1383,
OR register electronically on
www.foresttechevents.com