

CRC Forestry Harvesting and Operations Workshop: Managing Mechanised Forest Operations



As forest operations have become more and more mechanised over the last decade they have also become more capital intensive and more complex to manage. This, in combination with increased pressure on the forest industry to keep costs down to remain competitive, means that the management of mechanised harvesting is critical for success to both forest owners and machine owners. It is more important now than ever to identify and minimise every inefficient aspect of an operation.

This workshop will take advantage of expertise and experience from the forest industry in Australia, New Zealand, South Africa and Canada as well as drawing on experience from other industry sectors faced with similar operation management challenges. The workshop will provide:

- An overview of key performance indicators (KPIs) in mechanised forest harvesting
- How to best manage this new wave of information from on board computers
- Basic methods to collect information on KPIs and manage operations with the knowledge gained
- Techniques and tools to gain maximum management value from systems available in many mechanised forest operations
- An overview of the types of tools available for improved management of mechanised forest operations
- Insight into how these management techniques and tools might benefit your operations
- A visit to a research trial with the latest technology being applied for harvesting management



Who should attend?

- Harvest planners
- Harvest operations managers
- Operations supervisors
- Contractors
- Machine suppliers / service providers

Date & location:

Churchill, VIC (actual venue to be confirmed)

Workshop – Wednesday 7 July, 2010 9:00 – 17:00

Field visit - Thursday 8 July, 2010 9:00 – 12:00

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Workshop Content and Schedule

8:30 – 9:00	Registration and tea/coffee
9:00 – 10:45	The Basics of forest operations management <ul style="list-style-type: none"> ○ What are the Key Performance Indicators (KPIs) and productivity measurements ○ How can KPIs and productivity measurements be collected (availability, utilization, efficiency, etc.) ○ Importance of regular, clear and effective reporting mechanisms
10:45 – 11:00	Morning tea
11:00 – 12:30	Making use of current information sources <ul style="list-style-type: none"> ○ Information collection from existing and available forms; what can we learn from what is already collected? ○ Information available from manufacturer's computer systems
12:30 – 13:15	Lunch (provided)
13:15 – 14:45	Introducing dedicated forest operations management systems <ul style="list-style-type: none"> ○ Aftermarket computerised operations management systems <ul style="list-style-type: none"> ▪ Basic time management systems ▪ Detailed asset/logistics management systems
14:45 – 15:00	Afternoon tea
15:00 – 16:30	Examples and case studies of good operations management <ul style="list-style-type: none"> ○ Examples from AU, NZ, RSA & CAN forest industries ○ Example from the sugar harvesting industry ○ Exploring issues/examples raised by workshop participants
16:30 – 17:00	Introduction of CRC Forestry/FPIInnovation trial for field visit

Workshop Instructors



Martin Strandgard, University of Melbourne - CRC Forestry

Martin's major research focus over the past five years has been onboard computers in harvesting equipment. He is currently conducting long-term trials of three onboard computer systems in three forest types to examine their potential for use by the Australian forest industry.



Brad Shuttleworth, Forestry Solutions

Brad has been involved with work study in forestry and sawmilling operations for the past 22 years, which includes the implementation of productivity improvement programmes and integrated management systems to forestry operations. The productivity monitoring involved the implementation and application of onboard computers for forestry harvesting and transport equipment management in South African forestry operations.



Jon Dey, Forme consulting group

In Jon Dey's 35 year forestry career he has worked in forest development, harvesting, processing, marketing and business strategy and has been a director of Forme Consulting Group for 23 years. Jon travels widely on projects and has a privileged knowledge of harvesting issues and success factors. Jon is also a director of resin Forest Engineering Research, a privately owned wood supply chain research organisation.

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Managing Mechanised Forest Operations**

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Registration Form

Fees:

CRC Partner organization and their contractors	\$300
Non-partner organization or company	\$600

Registrant information:

Name: _____
Company: _____
Title: _____
Address: _____

Phone: _____
Fax: _____
Email: _____

Payment information:

- Credit card (you will be contacted by phone to complete the payment)
- Please invoice for payment

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