

Agricultural Production Systems sIMulator (APSIM)

Users and Developers Forum

DATE:	Wednesday 14 March 2012
TIMES:	8:45 AM to 4:45 PM
VENUE:	CSIRO Discovery Centre Lecture Theatre Clunies Ross Street, Acton Canberra, ACT 2601 Australia
OVERVIEW:	<p>APSIM is internationally recognised as a highly advanced simulator of agricultural systems. It contains a suite of modules which enable the simulation of systems that cover a range of plant, animal, soil, climate and management interactions. It is undergoing continual development, with new capability added to regular releases of official versions over time. Its development and maintenance is underpinned by rigorous science and software engineering standards.</p> <p>The APSIM Initiative (AI) was formed to ensure the ongoing development of APSIM through the facilitation of broadly based collaborative science. This is achieved through the ‘APSIM Community Source Framework’, the intent of which is to develop a high-quality and enduring agricultural production systems modelling platform, with global reach.</p> <p>The ‘APSIM Community Source Framework’ is a forum of interested APSIM users (persons and organisations) that informs and interacts with the AI, the original owners and developers of APSIM, to assist in its ongoing development and use. The AI provides for distribution of modifications, promotes central control for quality assurance purposes, and considers structured innovation relevant to APSIM and its users.</p> <p>The inaugural APSIM Users and Developers Forum aims to bring together the APSIM Community to showcase recent improvements, future developments as well as innovative applications of APSIM across a diverse range of fields.</p>
REGISTRATION FEE:	\$88 AUD

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Website www.apsim.info
Address 203 Tor Street
 PO Box 102,
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 QLD 4350

The APSIM Initiative is an unincorporated joint venture between:
 The State of Queensland through its Department of Employment, Economic Development and Innovation (DEEDI);
 The University of Queensland (UQ); and the
 Commonwealth Scientific and Industrial Research Organisation (CSIRO)

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Program

START TIME:	ACTIVITY
8:45 AM	Registration <i>Tea and coffee available on arrival</i>
9:15 AM	Welcome and overview <i>APSIM Initiative Steering Committee – Peter Carberry (CSIRO), Paul Grieve (DEEDI), Graeme Hammer (UQ)</i> APSIM – What’s new, recent improvements and planned developments <i>Dean Holzworth (CSIRO)</i> The APSIM Initiative – Aims, objectives and how we work <i>Chris Murphy (DEEDI)</i>
10:30 AM	Morning Tea
11:00 AM	Innovative APSIM applications <i>Short presentations followed by open discussion sessions</i> <ul style="list-style-type: none"> ➤ Climate change adaptation modelling <i>Howard Cox (DEEDI) - session coordinator</i> ➤ Whole farm modelling New Zealand dairy farms - <i>Val Snow (AgResearch)</i> Broad acre crop pasture farms - <i>Andrew Moore (CSIRO)</i> ➤ Linking populations models <i>Jeremy Whish (CSIRO)</i>
1:00 PM	Lunch
2:00 PM	<ul style="list-style-type: none"> ➤ Gene to phenotype <i>Greg McLean (DEEDI)</i> ➤ Model development and validation tools <i>Greg McLean (DEEDI), Neil Huth (CSIRO)</i> ➤ Parameter sensitivity analysis <i>Neil Huth (CSIRO)</i>
3:30 PM	Afternoon Tea
4:00 PM	Open session with the APSIM Initiative Reference Panel <i>This is an opportunity to bring up issues and ask questions concerning APSIM applications, improvements or new developments. Questions can be submitted in advance to apsim@deedi.qld.gov.au .</i>
4:45 PM	Finish & drinks

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Registration Form

I wish to attend the APSIM Users and Developers Forum to be held at the **CSIRO Discovery Centre, Canberra on 14 March 2012.**

Participant Details

Name:	
Organisation:	
Address:	
Email:	
Phone Number:	
Special Dietary Requirements:	

- Registration deadline is COB **Friday 9 March 2012.**
- Please complete the Participant and Payment Details, sign, scan and email to apsim@deedi.qld.gov.au

Payment Details

Please pay the Department of Employment Economic Development and Innovation (DEEDI) the total sum of \$88AUD for attending the APSIM Users and Developers Forum on 14 March 2012.

Payment Options

(tick your payment method)

Cheque

(Make payable to DEEDI & mark 'Not Negotiable')

Bankcard

MasterCard

Card Number (please print clearly)

____ / ____ / ____ / ____

Expiry Date

__ / __

Visa

American Express

Card Holder's Name

(as appears on the card)

Amount Paid

\$88 AUD

.....
Card Holder's Signature

.....

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