

# **‘Climate Connect 2006’**

**29 & 30 March 2006, Adelaide**

At the South Australian Research & Development Institute  
2 Hamra Avenue, West Beach, South Australia

## **Program**



The Managing Climate Variability Program (MCV) is a collaborative program between the Grains, Rural Industries and Sugar Research & Development Corporations, the Australian Government Natural Heritage Trust and Department of Agriculture, Fisheries and Forestry, Dairy Australia, Meat & Livestock Australia and Land & Water Australia. The National Farmers' Federation and Australian Wool Innovation Limited are associate partners.

<b>Day I - Wednesday 29 March 2006</b>	
Format: 20 minute presentations followed by discussion (15 minutes).	
<b>Time</b>	<b>Sessions</b>
8:30 – 9:00	<b>Opening</b>  <div style="text-align: right;"><i>convenor: Rohan Nelson</i></div> <p>Dale Baker, MCV Chair - welcome, forum aims, format  South Australian Minister for Agriculture, Food and Fisheries – MCV's role in Australian climate variability and drought policy</p>
9:00 – 9:30	<b>Keynote Speaker</b> <p>Jim Buizer, Arizona State University – bridging the gap between science production and practical application through boundary spanning organisations</p>
9:30-10:00	Morning tea
10:00 – 11:15	<b>Evolution of seasonal climate forecasting in Australia and the role of MCV</b>  <div style="text-align: right;"><i>convenor: Scott Power</i></div> <p>Neville Nicholls, Monash University, – the development of the science of seasonal climate forecasting  Roger Stone, QDPI – the development of seasonal climate forecasts for agriculture  Bryson Bates, CSIRO – the evolution of climate variability R&amp;D from the perspective of the climate change science community</p>
11:15 – 12:30	<b>Evolution of climate risk technologies in agriculture and NRM, and the role of MCV</b>  <div style="text-align: right;"><i>convenor: Holger Meinke</i></div> <p>John Carter, QDNRM – the evolution and application of climate risk technologies in pastoral industries  David Stephens, DAWA - the evolution and application of climate risk technologies in cropping industries  Steve Crimp, CSIRO - the evolution and application of climate risk technologies to natural resource management</p>
12:30 – 1:30	BBQ lunch at Shores Function Complex, opposite SARDI centre
1:30 – 2:45	<b>The evolution of climate risk extension and communication programs, and the role of MCV</b>  <div style="text-align: right;"><i>convenor: Barry White</i></div> <p>Peter Hayman, SARDI – communicating climate risk management and decision making under uncertainty  Robert Fawcett, BoM-NCC – meteorology and communicating seasonal climate forecasts  Peat Leith, UTAS – Insights from farming communities on the communication of seasonal climate information</p>
2:45 – 3:15	Afternoon tea
3:15 – 5:00	<b>Future directions for climate risk management in Australia, and the potential role of MCV</b>  <div style="text-align: right;"><i>convenor: Rohan Nelson</i></div> <p>Scott Power BoM-BMRC – the future of climate forecasting and the role of Global Climate Models  Melissa Rebbeck, SARDI – the future of climate risk communication – opportunities for national cooperation  Discussion facilitated by Melissa Rebbeck - <i>Opportunities for adaptation, cooperation and implementation of delivery frameworks nationally</i></p>
<b>Drinks from 6:30 for 7:00 dinner at Lido Ristorante, 2 Marina Pier, Glenelg (near Oaks Plaza Pier).  Guest speaker, Dr Barry White, formerly MCV Program Coordinator.</b>	



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## Day 2 - Thursday 30 March 2006

Format: 10 minute presentations followed by session panel discussion (20 minutes). There will be concurrent sessions in the large and small theatres following the plenary.

Time	Sessions (MCV themes)	Project	Speaker
<b>8:30 – 9:30</b>	<b>Plenary</b>		<b>Rohan Nelson</b>
	Masters of climate revisited – innovative farmers coming through drought	BLA2	Jessie Blackadder
	'Prophetable' cropping using seasonal forecasting tools	BCG1	Harm van Rees
	Managing agricultural systems in a variable non-stationary climate – Cropping Systems	QPI48	Holger Meinke
<i>Concurrent sessions begin</i>			
<b>9:30 – 10:30</b>	<b>Grains Industry Applications (large theatre)</b>		<b>Peter Carberry</b>
	Horses for courses: using the best tools for managing climate risk	MIG1	Cameron Weeks
	National Whopper Cropper – delivering risk management to agricultural advisers	QPI54	Howard Cox
	Can we forecast grain yields and protein in WA	CSP00040 (GRDC)	Senthold Asseng
<b>OR</b>	<b>Livestock Industries &amp; Northern Australia (small theatre)</b>		<b>Rohan Nelson</b>
	Seasonal climate forecasts to improve dairy farmers feedbase management	DAN20	Katrina Sinclair
	Increasing the adoption and accuracy of Aussie Grass in the Northern Territory	DFN1	Chris Materne
	Improving Prediction of the Northern Australian Wet Season	QPI62	Matt Wheeler
	Assessing and developing targeted climate forecasts for the sugar industry	JCU20	Yvette Everingham
<b>10:30 – 11:00</b>	Morning tea		
<b>11:00 – 11:40</b>	<b>Innovative forecasting systems (large theatre)</b>		<b>Rohan Nelson</b>
	Oceans to Grains: a new approach to targeted seasonal forecasts	CMR7	Peter McIntosh
	Better long lead seasonal forecasts for southern Australia	DAW00087 (GRDC)	David Stephens
<b>OR</b>	<b>Building the science base (small theatre)</b>		<b>Barry White</b>
	Agro-ecological implications of changes in the terrestrial water balance	ANU49	Michael Roderick
	The production, verification and distribution of synthetic evaporation (SVAP) and evapotranspiration (ETo) data for Australia	QNR37	Alan Beswick



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<b>11:40 – 12:30</b>	<b>Adaptation to climate change (large theatre)</b>		<b>Anwen Lovett</b>
	Incorporating climate change in catchment management strategies	CLW71	Geoff Syme
	Climate change, wheat yield and cropping risk in WA	DAW00088 (GRDC)	Ian Foster
	Managing agricultural systems in a variable non-stationary climate – Grazing Systems Managing natural resource issues in a variable and changing climate	QNR31 CSE24	Steve Crimp
<b>OR</b>	<b>Applications to NRM (small theatre)</b>		<b>Mike Wagg</b>
	Climate science for better NRM in western NSW	DAN19	Ron Hacker
	Increasing success of tree establishment by using seasonal climate forecasts.	CSE20/24	Peter Carberry
	Integrating NRM implications into a production based SCRM System	CSE40	Zvi Hochman
<b>12:30 – 1:30</b>	Cold lunch		
<b>1:30 – 2:30</b>	<b>Knowledge and Adoption (large theatre)</b>		<b>Melissa Rebbeck</b>
	Implementing MCV's knowledge and adoption strategy	ECO7	Jenni Metcalfe
	Building effective climate risk management in the WA grainbelt	DAW49	David Beard
	Growing Capacity in Seasonal Climate Risk Management in South-East Australia	VPI8	Chris Sounness
<b>OR</b>	<b>Economics and decision analysis (small theatre)</b>		<b>Barry White</b>
	Enhanced forecasting of farm financial performance	ABA12	Paul Newton
	Farmers applying seasonal climate forecasting for profitable sustainable resource use	USY11	Jason Crean
	Innovative weather and climate risk management using derivative trading	QPI57	Roger Stone
	Enabling NRM Decision Makers to make better use of Climate Science	SRD7	Peter Hayman
<i>Concurrent sessions end</i>			
<b>2:30 – 3:30</b>	Afternoon tea and demonstrations of decision-making tools Tools include Rainman, WhopperCropper, Regional Shire Wheat Model, AussieGrass, Climate Risk Information Management Farmer Association (CRIMFA), Bureau of Meteorology website and more...		
<b>3:30 – 3:50</b>	<b>Summary of impressions from International Reviewers</b>		<b>Jim Buizer and James Hansen</b>
<b>3:50 – 4:00</b>	<b>Close</b>		<b>Rohan Nelson</b>

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