



**Your invitation to the SEACI workshop on**

## **Climate and water availability in south-eastern Australia**

**Friday 14 September 2012**

**Purpose:** This will be an opportunity for researchers and policy makers to address some of the key science questions behind the causes of climate variability and change, and their impacts on water availability across south eastern Australia.

It will see the launch of the SEACI Phase 2 Synthesis Report *Climate and water availability in south-eastern Australia*. Copies will be available (free) at the workshop.

Updated projections of climate and runoff under 1 °C and 2 °C of global warming will also be released at the workshop.

**Date:** Friday 14 September 2012

**Time:** The workshop commences at 9:00am and will close at 5:00pm followed by an informal 'Celebration of SEACI' over drinks and nibbles through to 7:00pm.

**Venue:** The Shine Dome, Gordon Street, Canberra ACT (map available [here](#)).

**Delegates:** The workshop is suited to researchers and policy-makers in the areas of climate and hydrology.

**Cost:** There is no cost to attend the workshop.

**Attendance:** To confirm your attendance, please go to [www.seaci.org](http://www.seaci.org) and complete the workshop registration form.

Places will be reserved for all delegates who register their interest.

**Questions:** Visit our website [www.seaci.org](http://www.seaci.org) or contact:

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SEACI Program Director  
Ph: 02 6246 5751  
Email: [seaci@csiro.au](mailto:seaci@csiro.au)

**Space is limited. Confirm your attendance online now to avoid missing out.**

**We invite you to distribute this invitation to colleagues and associates who also wish to attend.**



## Climate and water availability in south-eastern Australia

Shine Dome, Gordon St, Canberra, Friday 14 September 2012

Time	Presenter	Subject
<b>Session 1: Policy implications of SEACI research findings</b>		
<b>Chair</b>	<b>Rae Moran</b>	
9:00	Rhondda Dickson, CEO MDBA	Making use of SEACI research outputs in the MDB
9:20	Graeme Pearman, Chair, SEACI Science Panel	SEACI research findings in the broader context
9:40	Campbell Fitzpatrick, Victoria DSE	Implications of SEACI research findings for water resources planning and management in Victoria
10:00	<i>Questions and panel discussion: Implications of research findings for policy makers</i>	
<b>10:30</b>	<b>Morning tea</b>	
<b>Session 2: Current and future climate of south-eastern Australia</b>		
<b>Chair</b>	<b>Mike Manton</b>	
11:00	Bertrand Timbal, BoM	Has the climate of south-eastern Australia changed?
11:30	Chris Lucas, BoM	Changes in the meridional circulation and impacts on south-eastern Australia
11:45	Tim Cowan, CSIRO	Changes in key climate indices (ENSO, the IOD and SAM) and impacts on south-eastern Australia
12:00	<i>Questions and panel discussion: Key drivers of south-eastern Australian rainfall</i>	
<b>12:30</b>	<b>Lunch</b>	
<b>Session 3: Modelling the climate/water system</b>		
<b>Chair</b>	<b>Alison McMorrow</b>	
1:30	David Post, CSIRO	Modelling climate change impacts on water availability
1:45	David Post, CSIRO	Assessing and weighting global climate models
2:00	Jin Teng, CSIRO	Downscaling for hydrological modelling
2:15	Eun-Pa Lim, BoM	Progress in seasonal climate prediction systems
2:30	David Robertson, CSIRO	Progress in seasonal streamflow forecasting
2:45	<i>Questions and panel discussion: Progress in modelling the climate/water system</i>	
<b>3:15</b>	<b>Afternoon tea</b>	
<b>Session 4: Hydrology in a changing climate</b>		
<b>Chair</b>	<b>Jason Alexandra</b>	
3:45	Mike Raupach, CSIRO	Impacts of climate variability and change on the water balance
4:00	Nick Potter, CSIRO	How might hydrological response change in a changing climate?
4:15	<i>Questions and panel discussion: Progress in modelling the hydrological system</i>	
4:30	<i>Facilitated discussion: The future of climate and water research in south-eastern Australia</i>	
<b>5:00</b>	<b>'Celebration of SEACI' over drinks and nibbles, Jaeger Room</b>	