

# Southeast Australia rainfall workshop

Climate Change Research Centre, UNSW

For directions, see: <http://www.crcr.unsw.edu.au/staff/contacts.html>

## TUESDAY 8<sup>TH</sup> SEPTEMBER

9:15 – 10:00	Coffee + pre-meeting set up, slide uploads
10:00 – 10:15	Workshop introduction – England and Sherwood
	<a href="#">1. Observations and paleo-context</a>
10:15 – 10:30	KARL BRAGANZA, JOELLE GERGIS, SCOTT POWER, JAMES RISBEY <a href="#">“Reconstructing ENSO and Australian rainfall from multi-proxy palaeo data”</a>
10:30 – 10:45	BLAIR TREWIN AND ROBERT FAWCETT <a href="#">“Reconstructing historical rainfall averages for the Murray-Darling Basin”</a>
10:45 – 11:00	AILIE GALLANT “A multi proxy rainfall reconstruction for southeast Australia, 1796 – 1990”
11:00 – 11:15	LISA ALEXANDER <a href="#">“Trends and variability in storminess in southeast Australia, 1885-2008”</a>
11:15 – 11:45	<b>Discussion:</b> Chair Neville Nicholls Data issues – gaps, uncertainty, future observing systems,...
	<a href="#">2. Land-surface processes</a>
11:45 – 12:00	ANDY PITMAN <a href="#">“Role of terrestrial processes in rainfall variability over SE Australia”</a>
12:00 – 12:10	<b>Discussion:</b> Chair Matthew England Land-change and regional SEA climate
12:00 - 1:30	LUNCH
	<a href="#">3. Models</a>
1:30 – 1:45	JULIE ARBLASTER <a href="#">“Southern Hemisphere rainfall and circulation trends in SST-forced expts”</a>
1:45 – 2:00	IAN WATTERSON <a href="#">“Role of SSTs in recent trends of SEA rainfall examined using climate models”</a>
2:00 – 2:15	Eun-Pa LIM <a href="#">“Current capability of seasonal prediction for south eastern Australian rainfall variability and remote drivers”</a>
2:15 – 2:45	<b>Discussion:</b> Chair Scott Power Model issues: gaps, uncertainty, limitations, way forward
2:45 – 3:15	Coffee break
	<a href="#">4. Indian Ocean influence</a>
3:15-3:30	WENJU CAI <a href="#">“The seasonality of rainfall reduction associated with the Big Dry”</a>
3:30-3:45	CAROLINE UMMENHOFER <a href="#">“The role of the Indian Ocean for SEA droughts”</a>
3:45-4:00	TIM COWAN <a href="#">“Impacts of the IOD on Southeast Australia climate.”</a>

4:00- 4:15	HARRY HENDON: <a href="#">“Some musings on eastern equatorial Indian Ocean SST anomalies: how they affect SE Aust climate but do they really account for recent observed low frequency rainfall variations?”</a>
4:15- 4:45	<b>Discussion:</b> Chair: James Risbey Indian Ocean role
	<a href="#">5. Pacific Influence</a>
4:45-4:55	ANDREA TASCHETTO and MATTHEW ENGLAND <a href="#">“El Niño Modoki and southeast Australian rainfall”</a>
4:55-5:10	AILIE GALLANT <a href="#">“Atypical influence of the 2007 La Niña on rainfall and temperature in southeastern Australia”</a>
5:10- 5:30	<b>Discussion:</b> Chair Ian Smith Pacific Ocean role
6:00 –	<b>Workshop dinner</b> Venue TBA

## WEDNESDAY 9<sup>TH</sup> SEPTEMBER

	<a href="#">6. Subtropical ridge and SAM</a>
9:00-9:15	IAN SMITH <a href="#">“Drivers of SE Australian spring rainfall”</a>
9:15-9:30	NEVILLE NICHOLLS <a href="#">“Local and remote "causes" of the decline in southern Australian rainfall”</a>
9:30-9:45	BERTRAND TIMBAL <a href="#">“The role of the Sub-Tropical Ridge in Southern Australia”</a>
9:45 – 10:30	<b>Discussion:</b> Chair Wenju Cai Subtropical ridge and SAM
10:30-11:00	Coffee Break
	<a href="#">7. Meteorological processes and other drivers</a>
11:00 – 11:15	MIKE POOK: “The significance of atmospheric blocking as a regional climate influence and its interaction with the dominant climate drivers.”
11:15 – 11:30	JAMES RISBEY <a href="#">“Synoptic analysis of cool season rainfall and implications for trends”</a>
11:30 - 11:45	LEON ROTSTAYN <a href="#">“Mk3.6, the east-west flip-flop and the four-legged dog”</a>
11:45 - 12:30	<b>Discussion:</b> Chair Harry Hendon Meteorological processes and other drivers
12:30 - 2:00	LUNCH
2:00 – 3:30	<b>Discussion:</b> Chair Steve Sherwood <ul style="list-style-type: none"> <li>- Open questions</li> <li>- Recommendations</li> <li>- Workshop conclusions</li> <li>- BAMOS article?</li> </ul>
3:30	Meeting close