

AMOS National Conference, Canberra 2010
Program Summary

Final Program (as of 19 January 2010)

Time	Day 1 Wednesday 27th January			
0800-0900	Registration			
0900-0920	Conference Opening - President's Address			
0920-0950	Forecasting Theme Keynote / R. H. Clarke Lecture MCC1			
0955-1055	MCC1 Climate and Fire I	MCC 2 Regional Downscaling for Climate Impacts I		JD 101 Ocean observations I
1055-1125	Morning Tea – ANU Union Sponsored by Climate Futures Tasmania			
1125-1225	Climate and Fire II	Regional Downscaling for Climate Impacts II		Ocean observations II
1225-1325	Lunch			
1325-1355	Paleoclimate Theme Keynote MCC1			
1400-1540	Palaeoclimate	East Coast Climate Science		Drought
1540-1640	Afternoon Tea – ANU Union – Poster Session 1			
1640-1820	Climate and Health	East Coast Climate Science		Oceans models
1830-2000	Ice Breaker – ANU Union			
1945-2130	Public Forum MCC1			
	Day 2 Thursday 28^h January			
0800-0830	Registration			
0830-0900	Ocean Theme Keynote MCC1			
0905-1025	MCC1 Ocean currents	MCC2 Climate and Water I	MCC4 Weather Extremes	JD 101 Climate Variability I
1025-1125	Morning Tea– ANU Union Poster Session 2			
1125-1245	Ocean mixing	Climate and Water II	Climate Drivers	Severe Weather
1245-1345	Lunch – ANU Union – AMOS AGM			
1345-1415	Climate Impacts Theme Keynote			
1420-1540	Climate Impacts	Atmospheric Chemistry I	Downscaling II	IMOS Workshop - Computer Lab CO 25
1540-1640	Afternoon Tea– ANU Union Poster Session 3			
1640-1800	Climate Trends	Atmospheric Chemistry II	Rain	IMOS Workshop Computer Lab CO 25
1900-2230	Conference Dinner – National Museum			
	Day 3 Friday 29^h January			
0800-0830	Registration			
0830-0900	Antarctic Theme Keynote MCC1			
0900-1025	MCC1	MCC2	MCC4	JD 101
1025-1125	Morning Tea– ANU Union Poster Session 4			
1125-1245	Antarctic Systems	Natural Hazards/Severe Weather I	Oceans and Seas	Weather and Climate Forecasting
1245-1345	Lunch			
1320-1340	Special Presentation MCC1: Review of Australian Climate and Weather for 2009			
1345-1415	Earth System Science Theme Keynote MCC1			
1420-1540	MCC1 Earth Atmosphere Modelling I	MCC2 Natural Hazards/Severe Weather II		JD101 Climate Variability II
1540-1610	Afternoon Tea– ANU Union			
1610-1750	Earth Atmosphere Modelling II	Weather Systems		:SE Climate Variability Workshop
1750-1800	Final Plenary Session – Awarding of Prizes			

Time	Program Day 1 Wednesday 27 th January		
0800-0900	Registration		
0900-0905	Conference Opening - Housekeeping		
0905-0920	President's Address		
0920-0950	Keynote Speaker R. H. Clarke Lecture: Professor Michael Reeder: Contemporary Problems in Fire Weather and Fire Behaviour		
	MCC1	MCC 2	JD 101
0955-1055	Climate and Fire: Chair: Dr Richard Thornton	Regional Downscaling for Climate Impacts Chair: Professor Nathan Bindoff	Ocean observations Chair: Professor Jochen Kaempf
0955-1015	SHARPLES, JASON : Aspects of the HighFire Risk Project	CORNEY, STUART: Improved Regional Climate Modeling Through Dynamical Downscaling	DURACK, PAUL: Fifty-Year Changes in the Hydrological Cycle expressed in Ocean Salinity
1015-1035		GROSE, MICHAEL: Assessing Trends in Precipitation and its Remote Drivers using Regional Climate Projections	JAFFRÉS, JASMINE: Observed Seasonal and Long-term MLD and fCO ₂ Characteristics of the Coral Sea
1035-1055	LUCAS, CHRIS: Climate Drivers of Australian Bushfire Weather	WHITE, CHRISTOPHER : Modelling Temperature and Precipitation Extremes using Regional Dynamically Downscaled Climate Projections	MAHARAJ, ANGELA: Reconciling Rossby Wave Theories with Observations of Multiple Westward Propagating Signals
1055-1125	Morning Tea – ANU Union Sponsored by Climate Futures Tasmania		
1125-1225	Climate and Fire: Chair: Dr Richard Thornton	Regional Downscaling for Climate Impacts Chair: Dr Chris White	Ocean observations: Chair: Professor Jochen Kaempf
1125-1145	MILLS, GRAHAM : Lessons from post-event studies of catastrophic fire-weather events	THATCHER, MARCUS: Advances in Regional Climate Modeling for Ensemble Downscaling and Urban-Scale Climate Simulations	MOLTMANN, TIM: The Australian Integrated Marine Observing System – Building on our strengths
1145-1205	PATON-WALSH, CLARE : Characterising Emissions from Australia's Black Saturday Fires	McINNES, KATHLEEN: Assessing current and future Storm Surge Risk around Tasmania	RIBBE, JOACHIM: Climate trends, hypersalinity and transport processes in Hervey Bay
1205-1225	DOWDY, ANDREW : Atmospheric states associated with fires caused by lightning	BENNETT, JAMES: Practical Uses of Dynamical Downscaling: Hydroelectricity Generation in Tasmania	RUDDICK, BARRY: Multichannel Seismic Imaging of the Ocean: Flow visualization that is becoming a quantitative tool
1225-1325	Lunch		
1325-1355	Keynote Speaker Professor Patrick De Deckker: Climate variability during the Holocene in Australia – Lessons for current climatic trends and expectations		
1400-1540	Palaeoclimate: Chair: Professor Patrick De Deckker	East Coast Climate Science: Chair: Professor Matthew England	Drought: Chair: Professor Neville Nicholls
1400-1420	GERGIS, JOELLE: Reconstructing pre-20th century climate variability in south-eastern Australia using palaeo, documentary and early instrumental data	TIMBAL, BERTRAND: The Eastern Sea-board of Australia is a separate climate entity	GALLANT, ALIE: Variations and trends in Australian drought characteristics, 1910 – 2005
1420-1440	MAZERAT, JULIE: Coral and Speleothem Reconstructions of Ocean-Atmosphere Dynamics in Southern Indonesia during the 8.2 ka event	EVANS, JASON: Evaluating a regional climate models ability to simulate the climate of the South-east coast of Australia	GYAKUM, JOHN: Explosive cyclogenesis, heavy precipitation, diabatic ridging, and drought
1440-1500	ROGERS, JOHN : Southern Ocean Fronts over the last 40ka reconstructed using Radiolarian (Protista) Proxies	POOK, MICHAEL: East coast lows, atmospheric blocking and rainfall; a Tasmanian perspective	SYKTUS, JOZEF: Projections of future drought in Australia using CSIRO Mk3.5
1500-1520	SOSDIAN, SINDIA: Regional versus Global Influences on North Atlantic Climate Across the last 3.2 Million Years	DOWDY, ANDREW : Diagnosing indicators of large-scale forcing of explosive east-coast cyclogenesis	UMMENHOFER, CAROLINE: Indian and Pacific Ocean Influences on Southeast Australian Hydrology and Drought
1520-1540	THRESHER, RONALD: Variability of the East Australian Current over the last three centuries inferred from coral proxies	MILLS, GRAHAM: Hemispheric to convective scale features of the Pasha Bulka storm	VERDON-KIDD, DANIELLE: A Comparison between the Federation, World War II and Big Dry droughts in Southeast Australia
1540-1640	Afternoon Tea – ANU Union. Poster Session 1		
1640-1820	Climate and Health: Chair: Professor Tony Capon	East Coast Climate Science Chair: Dr Bertrand Timbal	Oceans/Models Chair: Professor Joachim Ribbe
1640-1700	HANNA, LIZ: Climate Change: What Do We Know of Likely Human Health Impacts in Australia	FAIRWEATHER, HELEN : East Coast Lows and Flood Events in Queensland – a Bayesian Network using Re-analyses Data	SEN GUPTA, ALEXANDER: Projected changes to the Tropical Pacific Ocean in the CMIP3 models
1700-1720	WILLIAMS, CRAIG: The inconvenient truth about mosquito-borne disease and climate change	PEPLER, ACACIA: Trends and Variability in Extreme Inflow Events in Sydney Catchments	HUGHES, GRAHAM: Consequences of the Parameterisation in Ocean Models of Deep and Bottom Water Formation
1720-1740	TONG, SHILU: Climate Change and Vector-Borne Diseases: Impacts and Possible Solutions	SPEER, MILTON: Australian East Coast Rainfall Variability: the Influence of Large Scale Climate Drivers on Rainfall Trends since mid 20th Century	MALTHOUSE, PAUL: The Marine Connectivity in South Australian Gulfs: A Hydrodynamic Modelling Study
1740-1800	NICHOLLS, NEVILLE: Mortality-temperature relationships. Seasonality, synoptics, & the J-curve	CAI, WENJU: An interpretation of IPCC AR4 rainfall projection over Australia	SPENCE, JOHN 'PAUL': On the Southern Ocean response to poleward intensifying winds: Coarse versus eddy-permitting simulations
1800-1820	DISCUSSION	COUTTS-SMITH, AARON: The Eastern Seaboard Climate Change Initiative (ESCCI): Progress Report	WARD, MARSHALL: Regimes of Eddy-Saturated Transport in a Wind-Forced Channel Model
1830-1945	Ice Breaker – ANU Union		
1945-2130	Public Forum MCC1		

Program Day 2 Thursday 28th January

	Registration/Housekeeping			
0800-0825				
0825-0830	Housekeeping			
0830-0900	Keynote Speaker Professor Chris Reason: Modelling the Agulhas Current and the Seychelles-Chagos Thermocline Ridge in the Indian Ocean: how are they connected and why are they important?			
	MCC1	MCC2	MCC4	JD 101
0905-1025	Oceans/Currents Chair: Dr Robin Robertson	Climate and Water Chair: Neil Plummer	Weather Extremes Chair: Dr Caroline Ummerhofer	Climate Variability 1 Chair: Dr Doetre Jakob
0905-0925	DRUSHKA, KYLA : Vertical structure of Kelvin waves in the Indonesian Throughflow exit passages	CROCKER, LEIGH : Incorporating Climate Change into Infrastructure Investment Decisions – a Canberra Case Study	FAWCETT, ROBERT: The OCF/AWAP System – Forecasting temperature extremes	BAINES, PETER : Global Patterns of Decadal Climate Variability and their Impact on Australian Rainfall
0925-0945	HOGG, ANDREW : Buoyancy and wind forcing of an eddy-resolving Antarctic Circumpolar Current	ARGENT, ROBERT : AWRIS: A Resource for Water, Weather and Climate Researchers	CECHET, ROBERT (BOB): Reanalysis of wind-loading “Region A” gust wind speeds	BYE, JOHN: Randomness in global warming
0945-1005	PHILLIPS, HELEN: Absolute current flow in the Antarctic Circumpolar Current from EM-APEX profiling floats	SOORIYAKUMARAN, SOORI: Responding to floods: recent events and future plans	SANABRIA, AUGUSTO: Dynamical downscaling of severe wind hazard: Methodology	ENGLAND, MATTHEW : Role of the Indonesian Throughflow in controlling regional mean climate and rainfall Variability
1005-1025	WELLER, EVAN : Examining the multi-decadal trends in the Leeuwin Current	MCDONALD, WARWICK: WIRADA Primer: Research at the Climate and Water Interface	BALLINGER, ANDREW: Projections of future climate extremes in Australia from CSIRO Mk3.5	SULLIVAN, ARNOLD: Can Climate Change Explain the Skewness Towards more Frequent Consecutive Positive Indian Ocean Dipole Events?
1025-1125	Morning Tea/Poster Session 2			
1125-1245	Oceans/Mixing Chair:	Climate and Water Chair: Neil Plummer	Climate Drivers Chair: Professor David Karoly	Severe Weather Chair: Dr John McBride
1125-1145	STEWART, KIAL: Effects of Marginal Seas on Global Ocean Density Structure	PLUMMER, NEIL: Developing a Seasonal Streamflow Prediction Service for Australia	STEWART, PHILIP: Impacts of a Widening Tropical Belt on Regional and Seasonal Climate Characteristics	WERNER, ANGELIKA: Favorable Conditions for Tropical Cyclone Formation in the Australian Region
1145-1205	GRIFFITHS, ROSS: The rates of mixing in controlled two-layer exchange flows	HERRON, ANDREW: Projecting impacts of climate change on future water resources – How and what to change	COWAN, TIMOTHY: A relationship between La Niña Modoki and Australia-wide autumn rainfall	NGUYEN, CHI MAI: Tropical Cyclone Structure Change Cycles during Rapid Intensification
1205-1225	JOHNSTON, BARBARA: Comparing the Upwelling of Upper Circumpolar Deep Water in Three Southern Ocean Sectors	CHANDLER, ELISE: A Simple Method for Developing Long Term Runoff Projections for Australian Catchments	LIM, EUN-PA: Influence of Warm-Pool El Niño on Low Pressure Systems over the Tasman Sea and associated Australian Winter Rainfall	GARDE, LUKE : A methodology of tracking Transitioning Cyclones
1225-1245	TOMCZAK, MATTHIAS: On the porosity of barrier layers	CHIEW, FRANCIS: Climate impact on streamflow in south-eastern Australia	POWER, SCOTT: Interdecadal variability in the number of severe tropical cyclones making land-fall over north-eastern Australia since 1872	BLACK, MITCHELL: A comparison of Southern Hemisphere explosive cyclone development
1245-1345	Lunch			
1345-1415	Keynote Speaker Professor Jean Palutikof: Responding to climate change: The global context for Australia			
1420-1540	Climate Impacts Chair: Dr Blair Trewin	Atmospheric Chemistry Chair: Dr Clare Murphy	Downscaling 2 Chair: Dr Stuart Corney	Computer Lab CO 25
1420-1440	O'NEILL, SAFFRON: Maladaptation in the water sector	KARLSON, LANCE: Source Areas and Characteristics of Aeolian Material across Northwest Australia	BENNETT, JAMES: Measuring the Impacts of Climate Change on Tasmanian Rivers Using Outputs from Dynamically Downscaled Global Climate Models	IMOS Workshop
1440-1500	CHAMBERS, LYNDA: Marine Climate Change Impacts & Adaptation Report Card: Climate Change and Seabirds	GREENE, RICHARD: Dust and terrestrial salt (NaCl) in SE Australia: Implications for aeolian co-transportation and co-deposition	HUTCHINSON, MICHAEL: Assessing variability and future projections in rainfall extremes using a simple physically based statistical model	
1500-1520	GUNASEKERA, DON: Managing Climate Change Induced Human Health Impacts: Potential Role of the EpiCast Model	BOX, MICHAEL: The Great Sydney Dust Event: A Chemical Analysis and Intercomparison	BLAZAK, ADAM : Statistically Downscaling of Projected Precipitation in Two Major Southeast Queensland Catchments	
1520-1540	SMITH, PETER: The NSW Climate Impact Profile: Assessing the Regional Impacts of Climate Change in NSW	SIDDAWAY, JASON : Evolution of Australian Bushfire 2009 Plume in the UTLS region investigated using OSIRIS limb Radiance profiles	LI, YUN : A statistical downscaling model for southern Australia winter rainfall	
1540-1640	Afternoon Tea/Poster Session 3			

1640-1800	Climate Trends Chair: Dr Alberto Troccoli	Atmospheric Chemistry Chair: Dr Clare Murphy	Rain/N Aust Chair: Professor Michael Hutchinson	Computer Lab CO 25
1640-1700	JONES, DAVID: The Development and Application of High Resolution Spatial Analyses for Australia	DEUTSCHER, NICHOLAS: Trends in Atmospheric Constituents Measured by Fourier Transform Spectroscopy at Wollongong, Australia, from 1996-2009	SHI, GE: Do IPCC AR4 models produce the rainfall increase over Northwest Australia?	IMOS Workshop
1700-1720	TREWIN, BLAIR : Temporal Distribution of Record Temperatures in Australia through the 1957-2007 Period	CONNER, SAMANTHA: Partitioning Almond Evapotranspiration into Soil Water Evaporation and Crop Transpiration	RAMASAMY, SUPPIAH: Extreme Rainfall Events in Tropical Australia and Their Links to Anomalous Circulation Patterns	
1720-1740	SHERWOOD, STEVEN: Relative Humidity and Poleward Tropical Expansion in a Warmer Climate	WILSON, STEPHEN: Temporal variations in atmospheric composition for air within Jenolan Caves	TASCHETTO, ANDREA: Australian Monsoon Variability Modulated by Central-Western Pacific SST Warming	
1740-1800	CAI, WENJU: Is there a trend in sunshine hour duration over the Murray-Darling Basin?	DISCUSSION: Atmospheric Chemistry and Composition - a useful special session for future AMOS meetings?	VAN RENSCH, PETER: Mechanisms behind the Southeast Queensland Summer Rainfall Reduction	
1900-2230	Conference Dinner – National Museum			

Program Day 3 Friday 29^h January

0800-0825	Registration			
0825-0830	Housekeeping			
0830-0900	Keynote Speaker Professor Nathan Bindoff: The evolving state of Antarctica and Southern Ocean over the last three decades			
	MCC1	MCC2	MCC4	JD 101
0905-1025	Antarctic Systems Chair: Dr Siobhan O'Farrell	Natural Hazards/Severe Weather Chair: Bob Cechet	Rain/Extremes Chair: Professor Steve Sherwood	Meteorological and Oceanographic studies Chair: Dr David Jones
0905-0925	CARPENTIER, SCOTT: The Meteorology of the Wilkins Ice Runway in East Antarctica	ARTHUR, CRAIG: Projected changes in cyclonic wind hazard over Australia	GANTER, CATHERINE: A Comparison of Tipping Bucket Rain Gauges with Manually Read Rain Gauges in Australia	MCBRIDE, JOHN: The Meteorology of the Recent Australian Heat-wave and Dust-storm Events
0925-0945	FRANKEL, BARBARA: Microparticle Distribution During the Last Deglaciation in the Dome Summit South Ice Core, East Antarctica	LAVENDER, SALLY: Ability of Climate Models to Simulate Tropical Cyclone Precursors and Dynamically-Downscaled Simulations of Tropical Cyclones	JAKOB, DOERTE: Recent changes in sub-hourly and daily intense rainfall events in south-east Australia	KAEMPF, JOCHEN : Teaching Oceanography in the Classroom using Numerical Models
0945-1005	SALBY, MURRY: Changes of the Antarctic Ozone Hole: Controlling Mechanisms, Seasonal Forecast, and Recovery	MASON, MATTHEW : Idealised simulations of convective downburst winds	CHUBB, THOMAS: A Climatology of Precipitation Events in the Australian Snowy Mountains	KIEM, ANTHONY: Steps Towards Physically Informed Regionally Specific Hydroclimatological Forecasts
1005-1025	ADAMS, NEIL: The Provision of Weather Forecasting Support for the Australian Antarctic program	BURBIDGE, DAVID: Tsunami hazard in the Australian region	RAFTER, ANTHONY: Detecting Future Changes in Australian Extreme Daily Rainfall within GCMs using Extreme Value Analysis	DOLMAN, BRONWYN: Drop Size Distribution Retrieval Analysis in Real Time
1025-1125	Morning Tea/Poster Session 4			
1125-1245	Antarctic Systems Chair: Dr Neil Adams	Natural Hazards/Severe Weather Chair: Bob Cechet	Oceans/Sea Chair: Professor Peter Baines	Weather and Climate Forecasting Chair: Clem Davis
1125-1145	COLBERG, FRANK : Pathways and Impact of Southern Ocean currents on Antarctic Ice Sheet melting in response to global warming	GRACE, WARWICK: Estimating Heat Wave Frequencies in 2030 in Viticultural Regions of Southeastern Australia	CIASTO, LAURA: On the persistence of cold season extratropical SST anomalies associated with the annular modes	HAKEEM, SHAIK: Active and Break periods of the Australian Monsoon
1145-1205	MENEGHINI, BELINDA : The Sea-ice Forcing of the Southern Annular Mode	LOUGHNAN, MARGARET : Spatial vulnerability to urban heat events in Melbourne	HAIGH, IVAN : 21st century changes in extreme sea levels around Western Australia	DUELL, ROBYN : A new demand for Indian Ocean Dipole information, monitoring and forecasts
1205-1225	O'FARRELL, SIOBHAN : Sea ice results from the AusCOM model	WATERS, DENIS: Role of exposure in projected cyclone risk for residential buildings	ROBERTSON, ROBIN: Tides, the PIG and "Hot" Water	KAY, MERLINDE: Improving Weather Forecasts for Wind Energy Applications
1225-1245	REID, PHILLIP : On the Increasing Trend in Southern Hemisphere Sea Ice Extent	HABILI, NARIMAN: Rapid Inventory Collection System (RICS)	TROCCOLI, ALBERTO : Decline in Extreme Storm Surges in Venice under Climate Change	TRELOAR, ANDREW : QNH Derivation and Forecasting

1245-1345	Lunch		
1320-1340	Special Presentation MCC1: Review of Australian Climate and Weather for 2009. Blair Trewin (NCC)		
1345-1415	Keynote Speaker Professor Steve Sherwood: Are numerical climate models correct?		
	MCC1	MCC2	MCC4
1420-1540	Earth Atmosphere Modelling Chair: Dr Frank Mills	Natural Hazards/Severe Weather Chair: Bob Cechet	Climate Variability 2 Chair: Dr Ailie Gallant
1420-1440	COLLIER, MARK: The CSIRO Mk3.6 AGOGCM and CMIP5	WEHNER, MARTIN: Development of Methods for Assessing the Vulnerability of Australian Residential Building Stock to Severe Wind	GRAINGER, SIMON: Interannual Modes of Variability of Southern Hemisphere Atmospheric Circulation in CMIP3 Models
1440-1500	HIRST, TONY: CMIP5, IPCC AR5 and ACCESS	AHMED, AMMAR: Vulnerability of High Voltage Electricity Transmission Lines to Cyclonic Wind	IRVING, DAMIEN: Mesoscale Cyclone Activity Over the Ice-Free Southern Ocean: 1999-2008
1500-1520	HOLZ, GREGORY : Bias-adjustment of climate model variables for use in bio-physical and hydrological models	CROMPTON, RYAN: Global Climate Change, Natural Disasters and Property Losses	POOK, MIKE: Synoptic analysis of cool season rainfall and implications for trends
1520-1540	RIKUS, LAWRENCE : Climate model evaluation in CAWCR	SCHUSTER, SANDRA : Natural Catastrophes – data, trends and analysis	TREVENA, JESSICA: Climate response to increased precipitation and ice melt over the Southern Ocean in a fully coupled model
1540-1610	Afternoon Tea		
	MCC1	MCC 2	JD101
1610-1750	Earth Atmosphere Modelling Chair: Dr Frank Mills	Weather Systems: Chair Dr Margi Bohm	SE Climate Variability Workshop: Chair Assoc Prof Janette Lindsay
1610-1630	BODMAN, ROGER: Utilising Temperature Differences as Constraints for Estimating Parameters in a Simple Climate Model	WATSON, CAMPBELL: Exploring the Sensitivity of Orographic Precipitation to Variations in Upstream Conditions and Terrain Geometry	TIMBAL, BERTRAND: The role of Tropical SSTs in South-Eastern Australia decadal variability and long-term droughts
1630-1650	CORBIN, KATHERINE: Evaluating the Australian Community Climate and Earth System Simulator (ACCESS) Using CO2 Fluxes and Concentrations	EVANS, FIONA: Quantitative Analysis of Features of the Long Wave Circulation and their Relationships with Australian Rainfall	HUTCHINSON, MICHAEL: Spatial Analyses of Topographic Dependence to Assess Trends in Processes Determining Rainfall in Southeast Australia
1650-1710	MARSLAND, SIMON : Coordinated Ocean-Ice Reference Experiments in the Australian Climate Ocean Model	PEZZA, ALEX: Are snow storms becoming more frequent in Buenos Aires?	
1710-1730	MORGENSTERN, OLAF: Consequences of ozone recovery in chemistry-climate simulations	SIEMS, STEVEN: A Climatology of the Phase of Southern Ocean Clouds based on MODIS Observations	
1730-1750	STEVENS, LAUREN: Impact of Using Two Different Land Surface Models in the ACCESS Model on the Simulated Global Climate	LANE, TODD: Mesoscale cloud self-organization in the tropics	
1750-1800	Plenary/Prizes Conference close		

Poster Program by Author/Topic/Title

Poster Session 1: Wednesday PM Tea Poster Session 2: Thursday AM Tea
 Poster Session 3: Thursday PM Tea Poster Session 4: Friday AM Tea

Author	Theme	Session	Title
EVANS, ALEX (EWENZ)	Downscale	1	Statistical Downscaling Rainfall onto South Australia's Eyre Peninsula
BELO COUTO, ANDRÉ	Oceans	1	Satellite driven Net Primary Productivity at the East Australian Current and Climate dynamics
BURNS, BARBARA	Oceans	1	Uncertainties in Bathymetric Retrievals
MOLTMANN, TIM	Oceans	1	The Integrated Marine Observing System – delivering data-streams to support marine research and applications.
HUGHES, LAWRENCE	Oceans	1	Ways to Measure the Coastal Ocean and Establish an Accurate and Reliable Long-term Data Base on a tight budget
KISS, ANDREW	Oceans	1	On the dynamics of separating western boundary currents in high-resolution ocean models
KVALE, KARIN	Oceans	1	Future Oceanic Biogeochemical Feedbacks using a Multi-Species Ecosystem Climate Model
LU, QI	Oceans	1	A monsoon-like Southwest Australian circulation and its relation with rainfall in Southwest Western Australia
LU, YANA	Oceans	1	The Impact of Urea as Fertilizer for Ocean Nourishment
JIANG, DONGHUI	Oceans	1	On the Upwelling-downwelling Events along the Coast of Jervis Bay, New South Wales
NORMAN, REBECCA	Oceans	1	¹⁴ C in corals as a tracer for tropical western Pacific surface ocean variability (1920-1984).
O'FARRELL, SIOBHAN	Oceans	1	Regional sea level rise around the Australian coastline
ROUGHAN, MONINYA	Oceans	1	Cross-shelf Processes off the Coast of NSW; Preliminary Results from the NSW IMOS Array
SUMMONS, NICHOLAS	Oceans	1	Mesoscale Ocean Variability in the Tasman Sea
TERRY, DARRELL(Robertson))	Oceans	1	Vertical Mixing for Climate Models
XIAO, ZIYU	Oceans	1	Natural Phosphate Enrichment of the Ocean
ZHANG, FAN	Oceans	1	Information-improvable Factor Evaluation Method for NSW-IMOS Potential Benefits Estimation
LEWIS , SOPHIE	Palaeo	1	Water vapour source change impacts on tropical ¹⁸ O during Heinrich events
EWENZ, CAECILIA	Extremes	2	Carbon and Water when Irrigated under Extreme Weather Conditions
AWALUDDIN,M Y	Rain	2	Preliminary review on sea surface temperature and rainfall variability in Indonesia
BERRY, GARETH	Rain	2	The nature of summer-time precipitation over north-western Australia
COTTRILL, ANDREW	Rain	2	Attributions of the Rainfall Decline in Queensland and 21 st Century Rainfall Projections
DAI, JINGRU	Rain	2	Bias Correction of PME Precipitation Forecast in Mountainous Regions of Australia
FAWCETT, ROBERT	Rain	2	Network-derived inhomogeneity in monthly rainfall analyses over western Tasmania
HAMEED, ZAHID	Rain	2	Parameters influencing monsoon variability and prediction of the Maldives monsoon rainfall
RAUNIYAR, SURENDRA	Rain	2	Diurnal Cycle of Rainfall over the Maritime Continent & Northern Australia under the Influence of Large scale Circulations
STERN/Cornall Reilly	Rain	2	Melbourne's highest temperature on record, 117°F (47.2°C), on Black Thursday, 6 February 1851 – but is it valid?
TREWIN, BLAIR	Rain	2	Site Location Effects on Measured Precipitation in Highly Exposed Coastal and Alpine Environments
HASSIM, MUHAMMAD	Wx systems	2	The statistics and influence of overshooting convection on the UTLS
LI, YUN	Wx Systems	2	A monsoon-like Southwest Australian circulation and its relation with rainfall in Southwest Western Australia
PARKER, TESS	Wx systems	2	A Case Study of Turbulence Above Complex Terrain
SCREEN, JAMES	Wx systems	2	Links between Arctic Sea Ice reductions and Cyclone Activity
STERN/ Cornall Reilly	Wx systems	2	Generating fields of daily and 3-hourly precipitation probability on a high resolution grid, utilising a synoptic typing climatology
TAYLOR, JOHN	Wx systems	2	Determination of Visual Range during Fog and Mist using Digital Camera Images
WEBB, CLAIRE	Wx systems	2	East Coast Low - 19th to 25th of May 2009 Poster

WILSON, LOUISE	Wx systems	2	Synoptic Overview of the Climate of South East Queensland
CHAN MILLER, CHRISTOPHER	Atm Chem	3	Using the Global Chemical Transport Model GEOS-Chem to Constrain Australian Methane Sources.
DEUTSCHER, NICHOLAS	Atm Chem	3	Ground-based Total Column and in situ Measurements of CO ₂ and CH ₄ in the Southern Hemisphere, and an update to GOSAT/ground-based FTS Comparisons
MILLS, FRANKLIN	Atm Chem	3	An Initial Assessment of the Impact of Australian Aerosols on Surface Ultraviolet Radiation and Implications for Human Health
DESCHAMPS, LILIA	Clim Impacts	3	UV Index climatology and skin cancer in Australia
EWAI, MAUREEN	Clim Impacts	3	Climate change impact on threatened species in Papua New Guinea
HAYNES, JOHN	Clim Impacts	3	Characteristics of Southern Ocean cloud and their effects on the energy budget
KALA, JATIN	Clim Impacts	3	Current and future simulations of heat stress, frost, and water stress events in the wheatbelt of Southwest WA
REID, GREG	Clim Impacts	3	Local analysis tools driving climatic adaptation decisions in agriculture
DROST, FRANK	Clim Trends	3	Communicating Global Climate Change using Simple Indices: An Update
DUNN, MIRIAM	Clim Trends	3	Drought and Climate Change in South-eastern Australia: A Comparison of Three Drought Periods
FENBY, CLAIRE	Clim Trends	3	A Climate History of Southeastern Australia, 1788-1860
GALLANT, AILIE	Clim Trends	3	A combined extremes index for Australia
MARINELLI, MARCO	Clim Trends	3	Improved Climate Data and Monitoring for Western Australia to Support the Understanding of Past, Present and Future Climate
LARSON, JAY	Clim Trends	3	Can We Define Climate Using Information Theory?
SOUZA CORREA, CLEBER	Clim Trends	3	Study of Time Series of Temperature 1980-2007 the International Airports of the Atlantic Coast Northeastern-South Brazil
STERN/ Cornell Reilly	Clim Trends	3	Climate change illustrated by data from three Indian Ocean islands in the French Southern and Antarctic Territories: New Amsterdam, Kerguelen and Crozet
STERN/ Cornell Reilly	Clim Trends	3	Utilising Wilsons Promontory weather and climate data to develop a long-term climatology of Deal Island
STERN/ Cornell Reilly	Clim Trends	3	Victoria's highest temperature on record, 123.5°F (50.8°C), at Mildura, on 6 January 1906 – but is it valid?
STERN/Cornall Reilly	Clim Trends	3	Developing overnight minimum temperature and daytime maximum temperature databases
STERN/Cornall Reilly	Clim Trends	3	Does the poleward retreat of mid-latitude synoptic systems suggest Australia's Great Artesian Basin as a possible back-up source of water?
CHAND, SAVIN	Forecasting	4	Development of Seasonal Tropical Cyclone Prediction Schemes for the Fiji Region. Part I: Analysis of Predictors
CHAND, SAVIN	Forecasting	4	Development of Seasonal Tropical Cyclone Prediction Schemes for the Fiji Region. Part II: Model Formulation using the Bayesian Approach
PACKWOOD, DANIEL	Forecasting	4	Irreversible Thermodynamics of a Gas-Liquid Interface
STONE/FAWCETT	Forecasting	4	A comparison of two seasonal rainfall forecasting systems for Australia
BRUSHETT, BEN	Models	4	Review of Metocean Forecast Datasets and a Case Study of Consensus Modelling
RASHID, HARUN	Models	4	Surface Energy Fluxes in the ACCESS Atmospheric GCM: A Comparison with Observations-based Flux Products
SUN, ZHIAN	Models	4	Parameterization of global and net solar radiation at surface under clear sky and aerosol free condition
WALSH, KEVIN	Models	4	The Tropical Cyclone climate Model Intercomparison Project (TCMIP)
ZHOU, XIAOBING	Models	4	A Comparison of KPP and Integer Power Mixing Schemes in the AusCOM Model
ALLEN, JOHN	Nat Haz	4	An Observation-based 'Proximity' Climatology of Australian Severe Thunderstorm Environments
ARTHUR, CRAIG	Nat Haz	4	An assessment of tropical cyclone risk for the Australian continent
NADIMPALLI, KRISHNA (GA Booth)	Nat Haz	4	Exposure information for climate change and natural hazard impact and risk assessment: NEXIS – National EXposure Information System
SANABRIA, AUGUSTO	Nat Haz	4	Wind Hazard Maps for Tasmania under both
SEXTON,JANE (GA Booth)	Nat Haz	4	ANUGA – Open Source Hydrodynamic Modelling
SHARPLES,CHRIS (GA Booth)	Nat Haz	4	Smartline – A Detailed Nationally-Consistent Coastal Geomorphic Map of Australia
SKENE, DARREN (GA Booth)	Nat Haz	4	An assessment of coastal vulnerability for the Australian continent: Infrastructure at risk from inundation