

WCRP OPEN SCIENCE CONFERENCE

CLIMATE RESEARCH IN SERVICE TO SOCIETY

24–28 October 2011, Denver, Colorado, USA

conference2011.wcrp-climate.org



The Recipients of Prizes for the Best Posters and Papers Presented at the WCRP Open Science Conference



We are pleased to announce the complete list of awardees for the best posters and papers presented at the World Climate Research Programme (WCRP) Open Science Conference on 24–28 October in Denver, Colorado, USA. All those listed in the table below, received a certificate citing “outstanding poster presentation” or “outstanding presentation” depending whether it was a poster or an oral presentation.

These recipients were selected based on rigorous evaluation of 487 posters and 26 papers

presented by students and early career scientists. These were among 1750 posters and 182 papers presented orally by more than 1900 conference participants from 86 countries. The evaluation and selection process was carried out by a team of evaluators and a panel of judges. The awards recipients were identified for each group of posters and papers presented daily. The five grand prize-winners of iPADS were selected from the combined list of best posters and papers for the entire conference.

The daily prizes consisted of memberships and books kindly provided by the American Geophysical Union (AGU), American Meteorological Society (AMS) and the European Geophysical Union (EGU). Four of the five iPADS were provided by the World Climate Research Program and its sponsors the World Meteorological Organization (WMO), Intergovernmental Oceanographic Commission of UNESCO (IOC) and International Council for Science (ICSU). The fifth iPad was donated by the Science and Technology Corporation.

We thank all students and early career scientists who participated in the competition. We are grateful to the evaluators and judges who worked very hard and spend long hours during the conference to complete their tasks in a timely and effective manner. We congratulate all of the recipients and wish them success in their education and research pursuit. We look forward to the continued participation of all those who participated in the conference, especially more than 500 students and early career scientists, in WCRP related activities in the future.

Ghassem R. Asrar
Director, World Climate Research Programme

ABSTRACT ID	ABSTRACT TITLE	POSTER NUMBER	AFFILIATION	AUTHOR LIST	SESSION TITLE	SESSION NUMBER	AWARD
	iPad Winner						
72948	Does Arctic sea ice melt affect the Eurasian snow?	M117B	Hunter College, City University of New York, USA	Debjani Ghatak , Clara Deser, Allan Frei, Gavin Gong, David Robinson, Julienne Stroeve	The Role of Cryosphere in Climate	C11	AGU FALL MEETING WAIVER 2012
72899	Variability of radiative balance components and air surface temperature over the Asian territory of Russia in the period of global warming 1979-2008	M62A	Institute of monitoring of climatic and ecological systems, Russia	Kharyutkina Elena	Clouds, Aerosols and Climate	C12	EGU GA MEETING WAIVER 2012
73213	Offsetting and complementary characteristics of sulfate and soot direct radiative forcings: Dependence on physical factors	M37B	Princeton University, USA	Ilissa B Ocko , V. Ramaswamy, Paul Ginoux, Larry Horowitz	Clouds, Aerosols and Climate	C12	AMS Membership Student
75045	Trends in Arctic Sea Ice Speed and Wind Speed During 1992-2009	M139B	Jet Propulsion Laboratory, USA	Gunnar Spreen , Ron Kwok, Dimitris Menemenlis	The Role of Cryosphere in Climate	C11	AMS Membership ECS
73101	A cold pool formation in the Lakshadweep Sea and a possible method for the synthetic enhancement of upwelling	M175A	Cochin University of Science and Technology, India	Johnson Zacharia , Rajan C.K, Chiranjivi Jayaram	Marine Regional Integrated Assessments: Observations, Predictions, and Uncertainty	C6	AGU Membership Student
73180	The Use of a High-Top Model in Predicting Climate-Change	M64B	University of Oxford, UK	Daniel M Mitchell , Lesley J Gray, Peter Stott	Atmospheric Dynamics and Climate	C8	AMS Membership ECS
73233	Interannual variation in phytoplankton concentration and community in the Pacific Ocean	M188A	USRA/GSFC NASA, USA	Cecile Rousseaux and Watson Gregg	Marine Regional Integrated Assessments: Observations, Predictions, and Uncertainty	C6	AGU Membership ECS
73634	On the drivers of inter-annual and decadal rainfall variability in Queensland, Australia	M256A	University of Reading, UK	Nicholas P Klingaman , Steven J Woolnough, Jozef Syktus	Climate variability and change in the Australian-Asian Region	C1	AGU Membership ECS
73248	VOCALS/Southeast Pacific Science: Cloud water composition over the southeastern Pacific	M62A	Colorado State University, USA	Katherine B Benedict , Taehyoung Lee, Jeffrey L Collett, Jr.	Clouds, Aerosols and Climate	C12	AMS Membership Student
73248	Quantifying Dust Impacts on Ice Generation in Supercooled Stratiform Clouds from CALIPSO and CloudSat Measurements	M38B	University of Wyoming, USA	Damao Zhang	Clouds, Aerosols and Climate	C12	AGU Membership Student
73329	Antarctic Bottom Water changes during the last fifty years	M88A	Universidade Federal de Rio Grande (FURG), Brazil	Marina V Azaneu , Rodrigo Kerr, Mauricio M Mata	Oceans and Climate	C9	AGU Membership Student
74092	A data assimilation approach for reconstructing sea ice volume in the Southern Hemisphere	M115A	Universit_ Catholique de Louvain, Belgium	Francois E Massonnet , Pierre Mathiot, Thierry Fichet, Hugues Goosse, Christof Konig Beatty, Martin Vancoppenolle	The Role of Cryosphere in Climate	C11	AGU Membership Student
75294	Spin-up and adjustment of the Antarctic Circumpolar Current and global pycnocline	M90B	NCAS-Climate, University of Reading, UK	Lesley C Allison , Helen L Johnson, David P Marshall	Oceans and Climate	C9	AGU Membership ECS
72793	Subtropical Cyclone over the South Atlantic	M83B	IAG/USP, Brazil	Livia M Dutra , Rosmeri Rocha, Ricardo Camargo, Jean Peres	Atmospheric Dynamics and Climate	C8	AGU Membership Student
73286	VOCALS/Southeast Pacific Science: Understanding Ocean Processes during VOCALS-Rex cruise in the South East Pacific in a Data Assimilation framework	M62A	Scripps Institution of Oceanography, USA	Aneesh C Subramanian , Arthur J Miller, Bruce D Cornuelle	Clouds, Aerosols and Climate	C12	AGU Membership Student
73817	September Arctic sea ice predicted to disappear for 2_C global warming above present	M137A	NOAA ESRL, USA	Irina Mahlstein , Reto Knutti	The Role of Cryosphere in Climate	C11	AGU Membership ECS
73886	Polar Climate Predictability Seasonal to Multi-decadal: Impact of the Initialization Method on the Skill of Decadal Climate Predictions in the Southern Ocean	M184B	Universit_ catholique de Louvain, Belgium	Violette Zunz , Hugues Goosse, Johann Jungclaus, Svetlana Dubinkina, Yoann Sallaz-Damaz	Observing, understanding and projecting polar climate system variability and change	C5	AGU Membership Student
72951	Preliminary results of a regional ocean model forced with downscaled IPCC-AR4 results	M189B	Instituto Oceanografico - Universidade de Sao Paulo, Brazil	Edson J. R Pereira , Ilana Wainer, Augusto Pereira	Marine Regional Integrated Assessments: Observations, Predictions, and Uncertainty	C6	AGU Membership ECS
72552	Polar Climate Predictability Seasonal to Multi-decadal: assessing the roles of Initial Conditions and Boundary Forcing on Arctic predictability	M183A	University of Washington, USA	Edward Blanchard-Wrigglesworth	Observing, understanding and projecting polar climate system variability and change	C5	AGU Membership Student
73230	Is the climate system components favours to increase intense tropical cyclones (Category 5) in the North Indian Ocean?	M74B	Andhra University, India	Kailasam Muni Krishna	Atmospheric Dynamics and Climate	C8	AGU Membership ECS
72553	Structure and trend of Monsoon Low Pressure Systems and its connection with seasonal and extreme rainfall over central India	M254B	Canadian Centre for Climate Modelling & Analysis/Uvic, Canada	Ajayamohan R. S , William J Merryfield, Krishnamurthy V	Climate variability and change in the Australian-Asian Region	C1	AGU Book
	Dynamics and Forcing of interannual regional steric sea level variability	Oral	Atmospheric and Environmental Research, Inc., Lexington, USA	Christopher Piecuch and Rui Ponte	Ocean dynamics and sea level: variability and change	B3	AGU Membership ECS
73299	Spatial trend patterns in observed sea level: internal variability and/or anthropogenic signature?	Oral	LEGOS/CNES, France	Benoit Meyssignac , William Llovel, Anny Cazenave, David Salas y Melia, M_lanie Becker	Ocean dynamics and sea level: variability and change	B3	iPad and AGU Book
ABSTRACT ID	ABSTRACT TITLE	POSTER NUMBER	AFFILIATION	AUTHOR LIST	SESSION TITLE	SESSION NUMBER	AWARD
	Improving the long-term homogeneity in MERRA reanalysis for climate study	Oral	ESSIC/UMD and GMAO/GSFC/NASA, USA	Junye Chen , Mike Bosilovich, F. Robertson, E. Kalnay and Y. Zhou	Climate System Observations, Reprocessing, Reanalysis and Climate Data Records	B4	AGU FALL MEETING WAIVER 2012
73315	SPARC Water Vapor Assessment: MIPAS observations of water vapour and its isotopologues	T94A	Karlsruhe Institute of Technology, Germany	Stefan Lossow , Tobias Schieferdecker, J_rg Steinwagner, Norbert Glatthor, Sylvia Kellmann, Andrea Linden, Michael Kiefer, Thomas von Clarmann, Gabriele P Stiller	Atmospheric observations including upper troposphere and stratosphere	C15	EGU GA MEETING WAIVER 2012

75549	Tropical and Subtropical Cloud Regimes in Reanalysis Data using an ISCCP Simulator	T222A	Texas A&M University, USA	Justin P Stachnik , Courtney Schumacher	Reanalysis and Synthesis Methods for Climate	C22	AMS Membership Student
73194	The Impact of South Atlantic Sea Surface Temperature on Summer Precipitation in Central-Eastern Brazil	T118A	University of California, Santa Barbara, USA	Rodrigo J Bombardi , Leila Maria V Carvalho	Regional integration of climate science, information and capacity building with regard to climate variability and change in The Americas	C2	AGU Membership Student
73104	Observed Surface Warming Induced by Urbanization in East China	T209A	Zhejiang Institute of Meteorological Sciences, People's Republic of China	Xuchao Yang , Yiling Hou, Baode Chen	Reprocessed datasets and climate data records	C23	iPad and AGU Book
75738	An intercomparison study of isotopic ozone profiles from the ACE-FTS and JEM-SMILES instruments.	T59B	University of Toronto, Canada	Ashley K Jones , Kaley A Walker, Makato Suzuki, Yasko Kasai, Masato Shiotani, Chris D Boone, Peter F Bernath, Gloria L Manney, Xing S Zhai	Atmospheric observations including upper troposphere and stratosphere	C15	AMS Membership ECS
75724	SPARC Water Vapor Assessment: Measurements of water vapor in the upper troposphere and lower stratosphere with CIMS during the 2011 MACPEX mission	T93B	NOAA, USA	Andrew Rollins , Troy D Thornberry, Ru-Shan Gao, David W Fahey, Emrys G Hall, Allen F Jordan, Dale F Hurst, Cornelius Schiller, Nicole Spelten, Martina Kraemer, Jessica B Smith, Maryann R Sargent, David S Sayres	Atmospheric observations including upper troposphere and stratosphere	C15	AMS Membership ECS
72555	GPS precipitable water vapor variability over Northern Borneo during ENSO 2003-2007	T106B	Institute of Space Science, University Kebangsaan, Malaysia	Farah Hani Abdul Rahim , A. Mohd. Ali, B. Yatim, W. Suparta	Atmospheric observations including upper troposphere and stratosphere	C15	AGU Membership Student
73196	Aura Microwave Limb Sounder Observations of the Polar Middle Atmosphere: Dynamics and Transport of CO and water vapor	T65A	JPL/Caltech, USA	Jae N. Lee , Dong L Wu, Gloria L Manney	Atmospheric observations including upper troposphere and stratosphere	C15	AGU Membership ECS
72675	A Comparison of Extratropical Cyclones in Recent Reanalyses	T222A	University of Reading, UK	Robert W Lee , Kevin I Hodges, Lennart Bengtsson	Reanalysis and Synthesis Methods for Climate	C22	AGU Membership Student
74299	Trends and Annual Cycles in the Background Stratospheric Aerosol Layer	Oral	ESRL/CIRES, USA	Ryan R Neely , Susan Solomon, John Barnes, Ellsworth Dutton	Understanding Atmospheric Processes, Aerosols, Clouds and Dynamics in Climate	B6	AMS Membership Student
73971	SOWER (Soundings of Ozone and Water in the Equatorial Region): Dehydration in the TTL estimated from the water vapor match	T74B	Graduate School of Science, Tohoku University, Sendai, Japan	Yoichi Inai , Fumio Hasebe, Masatomo Fujiwara, Masato Shiotani, Noriyuki Nishi, Shin-Ya Ogino, Holger Voemel, Takashi Shibata, Sugunori Iwasaki	Atmospheric observations including upper troposphere and stratosphere	C15	AGU Membership ECS
73866	Optimal adjustment of atmospheric forcing parameters for long term simulations of the global ocean circulation	T207A	LEGI-CNRS/Universit_ de Grenoble, France	Marion Meinvielle , Pierre Brasseur, Jean-Michel Brankart, Bernard Barnier, Thierry Penduff, Jean-Marc Molines	Satellite Observations and Their Assimilation: Prospects for the Future	C24	AGU Membership Student
73149	Joint occurrence of temperature and precipitation extreme events in Argentina	T87A	University of Buenos Aires, Argentina	Barbara Tencer , Matilde Rusticucci	Atmospheric observations including upper troposphere and stratosphere	C15	AGU Membership Student
74043	Applications of Regional Climate and Hydrologic projections in the Western U.S.: Internally Consistent Projections of Future Climate for impacts analysis, vulnerability assessment, and Resource Management	T121B	University of Washington, USA	Jeremy S Littell , Amy K Snover, Alan F Hamlet, Marketa M Elsner, Guillaume Mauger, Eric Lutz, Eric P Salathe	Regional integration of climate science, information and capacity building with regard to climate variability and change in The Americas	C2	AGU Membership ECS
72903	Dynamical response of the South Asian monsoon trough to latent heating from stratiform and convective precipitation	Oral	Indian Institute of Tropical Meteorology, India	Ayantika Dey Choudhury , Krishnan Raghavan	Variability and Predictability of Regional Climate and Monsoons	B5	AGU Membership ECS
75072	Evolution and Variability of Ocean Circulation in Holocene Simulations with the Max Planck Institute's Earth System Model	T146A	Max Planck Institute for Meteorology, Germany	Nils M Fischer , Johann H Jungclauss	Using paleoclimate observations and analysis for improving Earth System prediction	C18	AGU Membership ECS
73459	Large-scale climate controls of Interior Alaska river ice breakup	T154B	University of Alaska Fairbanks, USA	Peter A Bieniek , Uma S Bhatt, Larry Rundquist, Scott Lindsey, Xiangdong Zhang, Richard Thoman	Hydrological Cycle in Cold Regions, Including Permafrost, Ice Sheets and Glaciers	C17	AGU Membership Student
72880	Potential application of CloudSat cloud classification maps and MODIS multi-spectral satellite imagery in identifying false rain from satellite images	T216A	University of California, Irvine, USA	Nasrin Nasrollahi , Kuolin Hsu, Soroosh Soroshian	Satellite Observations and Their Assimilation: Prospects for the Future	C24	AGU Membership Student
73249	Modeling the extratropical jets: Connections between the mean climate, variability, and response to anthropogenic forcing	Oral	New York University, USA	Edwin P Gerber	Understanding Atmospheric Processes, Aerosols, Clouds and Dynamics in Climate	B6	AGU Membership ECS
	Strong correlation between cirrus amount and water vapor in the TTL as observed by Calipso and Aura/MLS	T089A	JPL/Caltech, USA	Thomas Flury , Dong L Wu	Atmospheric Observations Including Upper Troposphere and Stratosphere	C15	AGU Membership ECS
75477	Developing a freshwater ice thickness model for the Northern Hemisphere	T152A	University of Victoria/W-CIRC, Canada	Rheannon N Brooks , Terry D Prowse, Ian J O'Connell	Hydrological Cycle in Cold Regions, Including Permafrost, Ice Sheets and Glaciers	C17	iPad and AGU Book
73365	Changes in atmospheric composition discerned from long-term NDACC measurements: evolution of the winter stratosphere from Thule, Greenland, and the exceptional winters of 2008-2009 and 2010-2011.	T61A	ENEA/UTMEA-TER, Italy	Claudia Di Biagio , Alcide di Sarra, Giovanni Muscarì, Pietro Paolo Bertagnolio, Marco Cacciani, Paul Eriksen, Daniele Fu_	Atmospheric observations including upper troposphere and stratosphere	C15	AGU Book
73260	Stratospheric water vapour and climate: sensitivity of climate response to the representation of radiative processes	M01B	University of Reading, UK	Amanda C Maycock , Keith P Shine, Manoj M Joshi	Atmospheric Composition and Forcings	C7	AGU Membership Student
ABSTRACT ID	ABSTRACT TITLE	POSTER NUMBER	AFFILIATION	AUTHOR LIST	SESSION TITLE	SESSION NUMBER	AWARD
75480	Estimating Downwelling Surface Longwave Radiation on a Global Scale	W58B	University of Maryland, College Park, USA	Eric Nussbaumer , Rachel Pinker	Improving Climate Models, including their Components and Parametrizations	C28	AGU FALL MEETING WAIVER 2012

73345	Probabilistic future global-mean temperature changes from a simple Earth System Model	W127A	The University of Melbourne, Australia	Roger W Bodman , David J Karoly, Peter J Rayner	Earth system models: Developments and Simulations	C32	EGU GA MEETING WAIVER 2012
73655	MIS 7 and MIS 5 glacial inception: investigating the asynchronous build-up of Laurentide and Eurasian ice sheets	W62A	Centro Euro-Mediterraneo per i Cambiamenti Climatici, Italy	Florence Colleoni , Johan Liakka, Simona Masina, Annalisa Cherchi, Bette Otto-Bliessner, Jochum Markus, Ian Rutt, William Lipscomb, Nan Rosenbloom	Ice sheet interactions with the ocean and atmosphere in past, present and future climate	C30	EGU GA MEETING WAIVER 2012
73480	The effect of Arabian Sea optical properties on SST biases and the South Asian summer monsoon in a coupled GCM	W40B	NCAS-Climate, University of Reading, UK	Andrew G Turner , Manoj Joshi, Edward S Robertson, Steven J Woolnough	Improving Climate Models, including their Components and Parametrizations	C28	AGU Membership ECS
73482	Observational evidence for systematic relationship between convective aggregation and large-scale atmospheric state and climate implications	W250A	Laboratoire de Meteorologie Dynamique (LMD/CNRS/IPSL/UPMC), France	Isabelle TOBIN , Sandrine BONY, Remy ROCA	Understanding Climate Feedbacks	C33	AMS Membership Student
72762	The new physical components of the LMDZ general circulation model: Improvement of the representation of boundary layer turbulence, convection and clouds and impact on climate variability.	W42B	Laboratoire de Meteorologie Dynamique, France	Catherine Rio , Frederic Hourdin, Jean-Yves Grandpeix, Sandrine Bony, Nicolas Rochetin, Arnaud Jam, Ionela Musat, Abderrahmane Idelkadi, Marie-Pierre Lefebvre, Laurent Fairhead, Romain Roehrig, Frederique Cheruy, Jean-Louis Dufresne	Improving Climate Models, including their Components and Parametrizations	C28	AMS Membership ECS
74287	Regional predictability and the linearity of climate feedbacks	W253A	University of Washington, USA	Nicole Feldl , Gerard H Roe	Understanding Climate Feedbacks	C33	AMS Membership Student
	The Med-CORDEX initiative: towards fully coupled Regional Climate System Models to study the Mediterranean climate variability, change and impact.	W155A	Meteo-France / CNRM, France	Samuel Somot , Paolo Ruti, the MedCORDEX team -	Regional climate downscaling and the CORDEX program	C27	AMS Membership ECS
73295	Long-Range Forecasts Using Data Clustering and Information Theory	W78A	New York University, USA	Dimitrio Giannakis , Andrew Majda	Predictions and Predictability on Sub-seasonal to Decadal time scales	C25	AMS Membership ECS
75720	Northern Hemisphere Teleconnection indices simulated with CMIP3 in winter	W244B	University of Salamanca, Spain	Nube Gonzalez-Reviriego , Concepcion Rodriguez-Puebla, Belen Rodriguez-Fonseca	Global Model Evaluation and Projections: CMIP5 and other model intercomparisons	C34	AGU Membership Student
72797	Comparing the meridional heat transport at 26.5_N and its relationship with the MOC in two CMIP5 coupled models and in the RAPID-array observations	Oral	NOAA/GFDL, USA	Rym Msadek , Stephen G Yeager, Bill Johns, Tom Delworth, Tony Rosati, Gokhan Danabasoglu	Assessing the reliability of climate models, CMIP5	B7	AGU Membership ECS
72902	Scale Dependency of the 20th Century Experiments by CMIP5 and CMIP3 Models: Do Reliable Scales Become Smaller?	Oral	the University of Arizona, USA	Koichi Sakaguchi , Xubin Zeng, Michael Brunke	Assessing the reliability of climate models, CMIP5	B7	AGU Membership Student
74400	Assessment of Tropical Intraseasonal Variability in Versions 2 and 3 of the GFDL Atmosphere Model	W53A	Colorado State University, USA	James Benedict	Improving Climate Models, including their Components and Parametrizations	C28	AGU Membership ECS
74343	High Arctic coastal zone under climate change - recent advances from Svalbard.	W238B	Durham University, UK & AMU in Poznan, Poland	Mateusz (Matt) Strzelecki	Understanding Climate Feedbacks	C33	AMS Membership Student
	Stratosphere-troposphere coupling: Sensitivity of future circulation changes in the NH to SST anomalies: comparison of low-top and high-top model simulations	W31A	Finnish Meteorological Institute, Finland	Alexey Y Karpechko	Improving Climate Models, including their Components and Parametrizations	C28	AGU Membership ECS
75390	Dynamics and feedbacks controlling the intertropical convergence zone location and sensitivity to cumulus parameterization	W58A	CNRM/Meteo-France, France	Boutheina Oueslati , Gilles Bellon	Improving Climate Models, including their Components and Parametrizations	C28	AGU Membership Student
75596	New climate models: The ICON hydrostatic atmospheric model on triangular grids	W26B	Max Planck Institute for Meteorology, Germany	Hui Wan , Marco A Giorgetta, Daniel Reinert, Almut Gassmann, Guenther Zaengl, Leonidas Linardakis, Kristina Froehlich, Maria-Pilar Ripodas, Marco Restelli, Luca Bonaventura	Improving Climate Models, including their Components and Parametrizations	C28	AGU Membership ECS
73560	Recurring tropical cyclone-jet stream interactions over the Western North Pacific and their influence on the midlatitude circulation	W171B	University at Albany/SUNY, USA	Heather Archambault , Lance F Bosart, Daniel Keyser	Interactions and Prediction at the Interface of Weather and Climate: Leveraging Multi-Platform/Multi-Sensor Observations, High-Resolution Models and Seamless Predictions	C26	AGU Membership ECS
74328	Anthropogenic aerosols and the weakening of the South Asian summer monsoon	Oral	GFDL/NOAA, USA	Massimo A Bollasina , Yi Ming, V. Ramaswamy	Radiative Forcing of Climate and Chemistry-Climate Interactions	B9	AGU Membership ECS
74089	Will there be a significant change to El Nino in the 21st century?	Oral	University of Colorado, USA	Samantha L Stevenson , Baylor Fox-Kemper, Markus Jochum, Richard Neale, Clara Deser, Gerald Meehl	How climate change impacts climate variability	B8	AGU Membership Student
73268	Evaluation of Cloud Forcing Response in the Southeastern Pacific Marine Subsidence Region	W210A	Texas A&M University, USA	Anita Rapp	Global Model Evaluation and Projections: CMIP5 and other model intercomparisons	C34	AGU Book
73221	Evaluation of decadal variability and changes of rainy season rainfall over the Amazon simulated by CMIP5	W177A	UT - Austin, USA	Lei Yin , Rong Fu	Global Model Evaluation and Projections: CMIP5 and other model intercomparisons	C34	AGU Membership Student
73368	Precipitation in atmospheric fronts in observations and a climate model	W246B	Monash University, Australia	Jennifer L Catto , Christian Jakob, Gareth Berry	Global Model Evaluation and Projections: CMIP5 and other model intercomparisons	C34	AGU Membership ECS
75876	Climate controls of tropical-extratropical cloud bands over southern Africa	W200A	University of Cape Town, South Africa	Neil C Hart , Chris J Reason, Nicolas Fauchereau	Regional integration of climate science, information and capacity building with regard to climate variability and change in Africa	C3	AGU Membership Student

73392	The longest atmospheric record, radiative forcing and emissions for perfluorocarbons	Oral	Fiji National University, Fiji	Francis S Mani , William T Sturges, Johannes C Laube, Jacob Schwander, Karin Weiler, Patricia Martinerie	Radiative Forcing of Climate and Chemistry-Climate Interactions	B9	AGU Membership ECS
73201	Decision Support System for Location Specific Early Warning System	W205A	RIMES/ AIT, Thailand	S.H.M. Fakhruddin , Mukand S. Babel	Regional integration of climate science, information and capacity building with regard to climate variability and change in Africa	C3	AGU Membership Student
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73929	Modeling the Pineapple Express Phenomenon via Multivariate Extreme Value Theory for both Current and Future Climate	TH154B	Colorado State University, USA	Grant Weller , Daniel Cooley	Understanding and characterizing past, present and future climate extremes through observations and model simulations	C39	AGU FALL MEETING WAIVER 2012
73335	Representation of precipitation extremes and their relationship to modes of climate variability in an ensemble of regional climate models (NARCCAP)	TH164A	University of Victoria, Canada	Jana Sillmann	Understanding and characterizing past, present and future climate extremes through observations and model simulations	C39	AGU FALL MEETING WAIVER 2012
74489	On air pressure and past storm activity - an assessment of the informational value of proxies for past storm activity	TH156B	Helmholtz-Zentrum Geesthacht, Germany	Oliver Krueger , Hans von Storch	Understanding and characterizing past, present and future climate extremes through observations and model simulations	C39	EGU GA MEETING WAIVER 2012
73275	Semi-empirical Models for Chlorine Activation and Ozone Depletion in the Antarctic Stratosphere: Proof of concept	Th07B	Bodeker Scientific, New Zealand	Petra E Huck , Stefanie Kremser, Greg E Bodeker, Adrian J McDonald, Hamish Struthers, Michelle L Santee	Stratospheric Ozone and Other Trace Gases	C35	EGU GA MEETING WAIVER 2012
74387	CLIVAR-SPAIN CONTRIBUTIONS: Establishing an aerosol climatology for the Mediterranean basin	TH193B	University of Murcia, Spain	Pedro Jimenez-Guerrero , Juan P Montavez, Juan J Gomez-Navarro, Sonia Jerez, Raquel Lorente-Plazas	Meeting the needs for integrated climate science, information and capacity building with regard to climate variability and change in Europe	C4	AGU Membership ECS
75242	Sensitivity of the Extratropical Southern Hemisphere Climate to Changing ENSO Conditions	Th61A	Climate Change Research Centre / UNSW, Australia	Laura M Ciasto , Matthew H England	Large-scale Climate Variability and Change	C36	AMS Membership ECS
72841	Observed Relationships Between Antarctic Sea Ice Concentration and Large-Scale Climate Variability	Th42B	University of New South Wales, Australia	Graham R Simpkins , Laura M Ciasto, David W Thompson, Matthew H England	Large-scale Climate Variability and Change	C36	AMS Membership Student
72774	An assessment of Arctic Ocean freshwater content changes from the 1990s to the 2006-2008 period and beyond	Th116A	Alfred Wegener Institute for Polar and Marine Research, Germany	Benjamin Rabe , Michael Karcher, Ursula Schauer, John M Toole, Richard A Krishfield, Sergey Pisarev, Frank Kauker, R_diger Gerdes, Takashi Kikuchi	The Changing Cryosphere and Its Role in the Climate System	C40	AGU Membership ECS
75772	Low-frequency variability of and impact of climate change on Southern California's Santa Ana winds	TH153A	CIRES and NOAA/ESRL/PSD, USA	Mimi R Hughes , Dan Cayan, Alex Hall	Understanding and characterizing past, present and future climate extremes through observations and model simulations	C39	AMS Membership ECS
74428	HyMeX-Analysis of the simulated Mediterranean sea water budget variability as a function of the horizontal resolution in the Hymex/Med-CORDEX framework	TH227B	Laboratoire de M_torologie Dynamique, Ecole Polytechnique, France	Hiba OMRANI , Philippe DROBINSKI, Cindy LEBEAUPIN BROSSIER, Sophie BASTIN, Thomas DUBOS, Karine BERANGER	Meeting the needs for integrated climate science, information and capacity building with regard to climate variability and change in Europe	C4	AMS Membership Student
73133	CYCLONE ACTIVITY IN MODERN ERA REANALYSES: COMPARATIVE ASSESMENT	TH109B	P.P. Shirshov Institute of Oceanology, Russia	Natalia D Tilinina , Sergey K Gulev	Understanding and characterizing past, present and future climate extremes through observations and model simulations	C39	AGU Membership Student
73369	Creating a next-generation sub-daily data-product for studying extreme events	TH109A	Met Office, UK	Robert J Dunn , Kate M Willett, Peter W Thorne, David E Parker	Understanding and characterizing past, present and future climate extremes through observations and model simulations	C39	AMS Membership ECS
73225	Modeling the impact of late 20th century stratospheric ozone changes: Sensitivity to different ozone forcing data sets	Th05B	NOAA Earth System Research Laboratory, USA	Paul J Young , Susan Solomon, Birgit Hassler, Greg Bodeker, Robert W Portmann, Jean-Fran_ois Lamarque	Stratospheric Ozone and Other Trace Gases	C35	AGU Membership ECS
73894	Twenty-five years of ozonesonde measurements at South Pole: An assessment of changing loss rates	Th13A	CIRES/NOAA, USA	Birgit Hassler , Susan Solomon, John S Daniel, Samuel J Oltmans, Bryan Johnson	Stratospheric Ozone and Other Trace Gases	C35	AGU Membership ECS
73829	Evaluation of 20th century climate model simulations of heavy precipitation over North America	TH147B	Rutgers University, USA	Anthony DeAngelis , Anthony J Broccoli, Steven G Decker	Understanding and characterizing past, present and future climate extremes through observations and model simulations	C39	AMS Membership Student
73142	Future Occurrence of Threshold-Crossing Seasonal Rainfall Totals: Methodology and Application to Sites in Africa	TH149A	Rutgers University, USA	Asher Siebert , Neil Ward	Understanding and characterizing past, present and future climate extremes through observations and model simulations	C39	AGU Membership Student
72849	CLIVAR-SPAIN CONTRIBUTIONS: The unprecedented character of the 2003 summer heat wave over the Mediterranean coast of the Iberian Peninsula	TH209A	Centre for Climate Change, Tarragona, Spain	Merce Castelle Sanchez , Manloa Brunet India	Meeting the needs for integrated climate science, information and capacity building with regard to climate variability and change in Europe	C4	AGU Membership Student
74009	Comparison of SAMW and AAIW Formation Rates in the South Pacific between NCAR-CCSM4 and Hydrographic Observations	TH75B	RSMAS/University of Miami, USA	Corinne A Hartin , Rana A Fine, Igor Kamenkovich, Bernadette M Sloyan	Ocean Circulation and Ventilation	C37	AGU Membership Student
75100	Predicting the behavior of ocean ecology in a changing climate: theory and coupled model intercomparison	Th207B	University of Pennsylvania, USA	Irina Marinov , Roman Shor, Anand Gnanadesikan, John Dunne	The Changing role of the ocean and land in the global carbon balance	C44	AGU Membership ECS

72701	The chemical sensitivity of stratospheric ozone to nitrous oxide and methane	Th10A	NIWA, New Zealand	Laura E Revell , Greg E Bodeker, Petra E Huck, Dan Smale, Bryce E Williamson	Stratospheric Ozone and Other Trace Gases	C35	AGU Membership Student
73506	CLIVAR-SPAIN CONTRIBUTIONS Atmospheric contribution to Mediterranean sea level variability under different climate change scenarios	TH182A	IMEDEA (UIB-CSIC), Spain	Gabriel Jorda , Marta Marcos, Dami_Gomis, Enrique_Ivarez-Fanjul, Bego_a_P_rez, Samuel Somot	Meeting the needs for integrated climate science, information and capacity building with regard to climate variability and change in Europe	C4	AGU Membership ECS
75861	Analyzing the Pacific-North American teleconnection pattern and its relationship to climate using RegCM3, a high-resolution regional climate model	Th58B	USGS/Oregon State University, USA	Andrea M Allan , Steven W Hostetler, Jay Alder	Large-scale Climate Variability and Change	C36	AGU Membership Student
73383	MODELLING THE IMPACTS OF REFORORESTATION ON FUTURE CLIMATE IN WEST AFRICA	TH189B	University of Cape Town, South Africa	Babatunde J Abiodun	Geoengineering to counteract global warming?	C45	iPad and AGU Book
73156	Dry spells analysis: Multi-scale detection, attribution of impacts and sources of uncertainty using an integrative approach.	TH145A	University Cheikh Anta Diop, Senegal	Salack Seyni , Amadou T Gaye, Muller Bertrand, Frederic Hourdin	Understanding and characterizing past, present and future climate extremes through observations and model simulations	C39	AGU Membership Student
73316	The Drought Interest Group: Comparison of the performance of five indices for drought characterization in La Plata Basin. Perspectives towards a multi-scale monitoring system.	TH93B	University of Buenos Aires, Argentina	Juan A Rivera , Olga C Penalba	Understanding and characterizing past, present and future climate extremes through observations and model simulations	C39	AGU Book
73238	On the Sea Level Rising Rate Since 1993	Th19B	First Institute of Oceanography, SOA, People's Republic of China	YING FENG , Xianyao Chen, Norden E Huang, Zhaohua Wu, Fangli Qiao	Sea-Level variability and Change	C38	AGU Book
73309	The Drought Interest Group: Using Ecosystem Functional Types as Lower Boundary Conditions in Simulations of Droughts in Southern South America	TH98A	National University of Litoral (UNL), Argentina	Omar V Muller , Ernesto H Berbery, Domingo Alcaraz-Segura	Understanding and characterizing past, present and future climate extremes through observations and model simulations	C39	iPad and AGU Book