

African Monsoon Multidisciplinary Analyses

2nd International Conference

Jointly with the

**AMMA-Ocean / TACE / PIRATA meeting
AMMA EU Impact meeting**

Karlsruhe, 26th – 30th November 2007



Preliminary Program

(version 16 November 2007)



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2nd International AMMA Conference, Overview Conference Schedule

26th - 30th November, 2007

	Monday 26th	Tuesday 27th	Wednesday 28th	Thursday 29th	Friday 30th	
07:45	Shuttle bus from Karlsruhe center to conference venue (starting around 7:45 am)					
08:00	Registration					
08:30	Session 1	Session 3	Session 5	Session 7	Parallel Sessions 9	08:30
08:50	Opening (FZK, IGB) <i>Chair JL Redelsperger</i>				9A: Aerosols and Gas Phase <i>C Mari</i>	08:45
09:10		West African Monsoon and Water Cycle <i>Chair A Fink</i>	Surface-Atmosphere Feedbacks, Aerosols and Gas Phases <i>Chair D Parke</i>	Climate Impacts <i>Chair J Polcher</i>	9B: Evaluation of Models used for Weather and Climate Prediction <i>Y Xue, F Hourdin</i>	09:00
09:30	Solicited talks on Predictability of Weather & Climate Variability & Socio-economics impacts				9C: Water Ressources and Downscaling <i>S Sambou, N Hall</i>	09:15
09:50						09:30
10:10						09:45
10:30	Coffee Break					
11:00						10:00
11:20	Solicited talks (cont)	Session 3 cont	Session 5 cont	Session 7 cont	Break	10:15
11:40						10:30
12:00						11:00
12:20						11:15
12:30	Lunch					
14:00	Parallel Sessions 2	Parallel Sessions 4	Parallel Sessions 6	Parallel Sessions 8	Lunch	12:00
	2A: WAM and Global Climate <i>P Ruti</i>	4A: Heat Low and Atmospheric Boundary Layer <i>C Flamant</i>	6A: Waves and Convection <i>C Thorncroft</i>	8A: Convection <i>JP Lafore</i>		
	2B: Land Surface I (Vegetation and Fluxes) <i>C Taylor</i>	4B: Land Surface Processes II (Hydrology) <i>T Lebel</i>	6B: Water Cycle and Surface-Atmosphere Feedbacks <i>A Gaye</i>	8B: Land Surface Modelling and Remote Sensing <i>A Boone</i>	Session 10	
	2C: Tropical Ocean Circulation I <i>W Hazeleger, R Lumpkin, B Bourles</i>	4Ca: Tropical Ocean Circulation II <i>W Hazeleger, R Lumpkin, B Bourles</i>	6Ca: Prediction and Predictability of TAV I <i>M Jochum, C Eden</i>	8C: Air-sea Coupling, SST and Ocean mixed Layer Heat Budget <i>G Foltz, P Brandt</i>		13:20
	2D: High Impact Weather Prediction and Predictability: Observations and Theory <i>S Jones, C Thorncroft</i>	4Cb: Atlantic ITCZ and Tropical Atlantic Variability (TAV) <i>B Johns, N Keenlyside</i>	6Cb: Prediction and Predictability of TAV II <i>M Jochum, C Eden</i>	8D: Health and Data / Methods <i>S Danuor, JB Duchemin</i>		13:40
		4D: High Impact Weather Prediction and Predictability: Data Impact Studies <i>M Nuret, A Augusti-Panareda</i>	6D: Aerosols, Dust and Radiation <i>B Vogel</i>		Forecasting at all Scales <i>Chair E Afiesimama</i>	14:00
		Poster session 4	Poster session 6	Poster session 8		14:20
		P4A: Heat Low and Atmospheric Boundary Layer	P6A: Interactions Waves/Convection And Convection	P8B: Land Surface Modelling and Remote Sensing		14:40
		P4B: Land Surface Processes II (Hydrology)	P6B: Water Cycle and Surface-Atmosphere Feedbacks	P8D: all Impact Studies		15:00
						15:20
						15:40
16:30	Coffee Break					
17:00	Poster session 2	P4D: Weather and Climate Prediction and Predictability	P6C: Ocean II		In parallel to the conference, a <u>Workshop on impacts</u> organised by AMMA EU will be held with five additional parallel sessions on:	16:00
	P2A: WAM and Global Climate		P6D: Aerosols, Radiation and Gas Phase		Health impacts (2 sessions)	
	P2B: Land Surface I (Vegetation and Fluxes)	Parallel Sessions 4 (cont)	Parallel Sessions 6 (cont)	Parallel Sessions 8 (cont)	Land productivity and early warning systems (3 sessions)	
	P2C: Ocean I				(For more information: Christian Baron christian.baron@cirad.fr and conference web page)	
19:00	Get together Cocktail FZK (starting 19:00)	Bus to Karlsruhe City	Bus to Karlsruhe City	Gala dinner (leaving FZK in buses 19:00)		
	around 20:45: Bus to Karlsruhe City			around 22:30: Bus to Karlsruhe City		

Detailed Conference Schedule

Monday, 26 November 2007

Plenary session 1:

Conference opening and solicited talks on Predictability of Weather, Climate Variability and Socio-economic Impacts

Time	#	Author	Title	Chair : J.L Redelsperger
08:00			Registration	
08:45			Opening (FZK)	
08:55			Welcome addresses IGB	
09:40		J.-L. REDELSPERGER	Overview Conference Program	
09:45		E. VAN DEN AKKER, M. KOHLER	Logistical issues	
Solicited talks on Predictability of Weather, Climate Variability and Socio-economic Impacts				
09:50	1.1	C. THORNCROFT et al.	High Impact Weather Prediction and Predictability	
10:20	1.2	E. AFIESIMAMA, A. KAMGA et al.	Africa-THORPEX: an update	
10:35			Break	
11:05	1.3	H. PAETH et al	Predictability of climate: from seasonal to decennial	
11:35	1.4	A. Ndiaye (WMO, tbc)	Socio-Economic impacts of weather and climate variability for African Societies Need for capacity building	
12:05	1.5	T. LEBEL et al	Long term observations necessary for climate and weather monitoring and forecast (Ocean, Land, Atmosphere)	
12:30			Lunch	

Parallel sessions

2A: West African Monsoon and Global Climate				
Time	#	Author(s)	Title	Chair : P Ruti
14:00	2A.1	M. JOLY and A. VOLDOIRE	ENSO influence on the African monsoon: atmospheric mechanisms in IPCC coupled models	
14:15	2A.2	J. BADER	Decadal Sahelian Rainfall variability	
14:30	2A.3	E. MOHINO, T. LOSADA, B. RODRIGUEZ-FONSECA and C. R. MECHOSO	Modes of co-variability between the West African Monsoon (WAM) precipitation and Sea Surface Temperatures (SST) simulated by several AGCMs	
14:45	2A.4	B. BOURLES, F. MARIN, Y. GOURIOU, J. GRELET, R. CHUCHLA, F. ROUBAUD and Y. DUPENHOAT	Oceanic measurements carried out in the Gulf of Guinea in 2005-2007 during the EGEE cruises, as part of the French AMMA program: first results	
15:00	2A.5	M. I. LELE and P. J. LAMB	Variability of intertropical front and rainfall over West African Soudano-Sahel zone	
15:15	2A.6	B. FONTAINE and S. LOUVET	An OLR-based West African Monsoon onset index	
15:30	2A.7	S. LOUVET, P. ROUCOU and N. FAUCHEREAU	Circulation types over Western Africa, associated precipitations anomalies and onset characteristics	
15:45	2A.8	O. NDIAYE, A. ROBERTSON and N. WARD	Characteristics of rainfall onset over northern and southern part of Senegal	
16:00	Introduction to Poster presentation (16 Posters)			
16:30 - 19:00	Poster session and Coffee break			
19:15 - 20:45	Icebreaker or Get Together Cocktail Shuttle to Karlsruhe City			

2B: Land Surface I (Vegetation and Fluxes)				
Time	#	Author(s)	Title	Chair : C Taylor
14:00	2B.1	L. KERGOAT, P. HIERNAUX, F. BAUP, N. BOULAIN, B. CAPPELAERE, J.-M. COHARD, L. DESCROIX, S. GALLE, S. GUIBERT, F. GUICHARD, M. GRIPA, T. LEBEL, C. LLOYD, F. LOHOU, E. MOUGIN, C. OTTLE, D. RAMIER, P. DE ROSNAY, D. SERCA, O. SAMAIN, S. SAUT-PICARD, C. TAYLOR, F. TIMOUK, V. TRICHON, M. ZRIB	Land surface in AMMA : Extending ecosystem, energy and water balance studies in space and time is sometimes surprising	
14:15	2B.2	C. R. LLOYD, C. M. TAYLOR, S. ALLOGANVINON, N. BOULAIN, B. CAPPELAERE, J.-M. COHARD, J. CUESTA, L. DIARRA, C. FLAMANT, A. FINK, S. GALLE, N. KALTHOFF, M. KOHLER, H. KUNSTMANN, F. LOHOU, A. MARISCAL, M. MIMOUNI, E. MOUGIN, J.-L. RAJOT, D. RAMIER, D. SERCA, F. TIMOUK	Surface Energy Balance across the AMMA flux network region	
14:30	2B.3	D. RAMIER, N. BOULAIN, B. CAPPELAERE, F. TIMOUK, B.-A. ISSOUFOU HASSANE, O. HALLIOU, C. LLOYD, S. BOUBKRAOUI, F. METAYER, L. DES-CROIX	Two years of surface flux measurements in Niger : variability and effect of land cover	

2B: Land Surface I (Vegetation and Fluxes)			<i>Chair : C Taylor</i>
Time	#	Author(s)	Title
14:45	2B.4	F. BAGAYOKO, S. YONKEU, VAN DE GIESEN	Impact of land-use intensity on the surface fluxes: Case study of eastern Burkina Faso, West Africa
15:00	2B.5	A. GUYOT, J.-M. COHARD, S. GALLE, S. ANQUETIN	Estimating latent heat flux at a catchment scale using an infrared scintillometer and soil measurements
15:15	2B.6	K. PREKO, M. KOHLER, N. KALTHOFF, Ch. KOTTMEIER, H. WILHELM	Spatial variability of soil moisture content in a semi-arid region using the ground penetrating radar
15:30	2B.7	J.-M. COHARD, A. GUYOT and the AMMA Land surface working group	Could soil heat storage play a role in monsoon processes?
15:45	Discussion		
16:00	Introduction to Poster presentation (6 Posters)		

2C: Tropical Ocean Circulation I			<i>Chairs : W Hazeleger, R Lumpkin, B Bourles</i>
Time	#	Author(s)	Title
14:00	2C.1	R. MURTUGUDDE	Island Rule: Sit on the equator and rule the tropics?
14:15	2C.2	E. GIAROLLA and P. NOBRE	A study of the Equatorial Undercurrent at 0N, 23W between February, 2004 - May, 2005 using PIRATA ADCP data and Modular Ocean Model simulations at CPTC
14:30	2C.3	N. KOLODZIEJCZYK, B. BOURLES and F. MARIN	Variability of the Termination of the EUC in the Gulf of Guinea
14:45	2C.4	M. VISBECK, P. BRANDT, M. DENGLER, J. FISCHER, J. KARSTENSEN, A. KÖRTZINGER, L. STRAMMA, T. TANHUA and D. WALLACE	Ocean Observations in the North Eastern Tropical Atlantic in support of Oxygen Minimum Zone and Climate Research
15:00	2C.5	L. STRAMMA, P. BRANDT, J. SCHAFSTALL, F. SCHOTT, J. FISCHER and A. KÖRTZINGER	On the water supply to the oxygen minimum zone in the eastern tropical North Atlantic
15:15	2C.6	M. S. GLESSMER, C. EDEN and A. OSCHLIES	Upwelling off Mauritania - transports, pathways and importance for the ventilation of the oxygen minimum zone investigated in an eddy-resolving model
15:30	2C.7	J. SCHAFSTALL, M. DENGLER, P. BRANDT and H. BANGE	On the circulation of water properties and mixing processes affecting the upwelling and productivity off NW Africa
15:45	2C.8	K. KIRCHNER, M. RHEIN, C. MERTENS, C.W. BÖNING and S. HÜTTL	The northward flow of South Atlantic Water into the Caribbean Sea and across 16°N
16:00	Introduction to Poster presentation (12 Posters)		

2D: High Impact Weather Prediction and Predictability: Observations and Theory			<i>Chairs : S Jones, C Thorncroft</i>
Time	#	Author(s)	Title
14:00	2D.1	A. LENOUCO	Conditions climatiques durant le Crash du Boeing de Kenya Airways à Douala
14:15	2D.2	F. MEIER, P. KNIPPERTZ	THE DYNAMICS OF A SEVERE PRECIPITATION EVENT OVER WEST AFRICA - SENSITIVITY EXPERIMENTS WITH THE COSMO-MODEL
14:30	2D.3	J. ARNAULT, F. ROUX	SOP3 - a case-study of non-developing case
14:45	2D.4	P. KNIPPERTZ and A. H. FINK	A HIGH-IMPACT DRY-SEASON RAINFALL EVENT IN TROPICAL WEST AFRICA AND ITS DYNAMICAL RELATION TO FORCING FROM THE EXTRATROPICS
15:00	2D.5	M. PASQUI, L. GENESIO, F. GUARNIERI, G. MARACCHI, S. MELANI and F. PIANI	Forecasting precipitation from days to months: some operational tools for Sahel region.
15:15	2D.6	C. D. THORNCROFT, N. M. J. HALL, G. N. KILADIS	Genesis of African Easterly Waves
15:30	2D.7	S. LEROUX and N. HALL	The relationship between African Easterly Waves and the African Easterly Jet
15:45 - 16:30	Discussion		

Poster sessions

P2A: West African Monsoon and Global Climate			<i>Chair : P Ruti</i>
Time	#	Author(s)	Title
17:00	P2A.1	E. MOHINO, B. RODRIGUEZ-FONSECA and C. R. MECHOSO	Mechanisms of co-variability between West African Monsoon (WAM) precipitation and Equatorial Pacific Sea Surface Temperatures (SST)
	P2A.2	I. POLO, B. RODRIGUEZ-FONSECA, J. GARCIA-SERRANO and T. LOSADA	INTERANNUAL WEST AFRICAN RAINFALL-TROPICAL ATLANTIC SST COVARIABILITY MODES DURING THE DRY SAHEL PERIOD (1979-2001)
	P2A.3	S. GERVOIS, S. JANICOT, I. MUSAT, M. B. RODRIGUEZ DE FONSECA, E. MOHINO, J. BADER, P. RUTI, S. TYTECA and B. SULTAN	Impacts of global SST anomalies on West African Monsoon : a modelling approach
	P2A.4	T. FALL, F. HOURDIN, A. T. GAYE, S. M. SALL	Impact of sea surface temperature on decadal climate variability over West Africa
	P2A.5	T. LOSADA, B. RODRIGUEZ DE FONSECA, J. GARCIA-SERRANO, C. R. MECHOSO	On the response of West African rainfall to time-varying SST anomalies in the equatorial Atlantic using the UCLA AGCM
	P2A.6	J. GARCIA-SERRANO, T. LOSADA and B. RODRIGUEZ-FONSECA	MODEL AND OBSERVATIONAL TIME EVOLUTION ATMOSPHERIC RESPONSE TO THE EQUATORIAL MODE

Time	#	Author(s)	Title	Chair : P Ruti
17:00	P2A.7	Z. T. SEGELE, L. M. LESLIE and P. J. LAMB	Effects of SST Variability in the Atlantic and Indian Oceans and Mediterranean Sea on Horn of Africa Rainfall	
	P2A.8	G. BRISSEBAT, S. CLOCHE, L. EYMARD, L. FLEURY, L. MAS-TROIRILLO, K. RAMAGE	The AMMA database	
	P2A.9	R. MARTEAU	Detection and characterization of the onset date of the rainy season in the Sahelian belt during the period 1950-1990	
	P2A.10	N PHILIPPON, R MARETA and V MORON	Spatial patterns in the rainy season settlement over the Western and Central Sahel	
	P2A.11	Y. SANE and A. DION-GUE NIANG	2007 MONSOON SEASON ANALYSIS OVER WESTERN SAHEL	
	P2A.12	W. POKAM MBA, F. MKANKAM KAMGA et D. A. VONDOU	ETUDE DES FACTEURS A LA BASE DE LA VARIABILITE CLIMATIQUE EN AFRIQUE CENTRALE: INFLUENCE DU FLUX D'ENERGIE EN SURFACE SUR LE VENT A 92,5HPA	
	P2A.13	A. ALI, T. LABEL, A. AMANI	Revisiting the standardized precipitation index applied to rainfall variability analysis in the Sahel	
	P2A.14	M. FOFANA	Analyse des donnees meteo recueillies a Lamto : zone de contact Forêt-Savane du Sud du domaine mesophile Ivoire	
	P2A.15	Z. Y. DJOMOU, D. MONKAM, E. E. PENLAP KAMDEM	Zonage climatique de l'Afrique au Nord de l'Equateur et Comparaison avec les Types de Climat	
	P2A.16	C. CAMINADE and L. TERRAY	Sub-saharan rainfall variability as simulated by the ARPEGE AGCM, associated teleconnection mechanisms and future changes	

Time	#	Author(s)	Title	Chair : C Tayler
17:00	P2B.1	B. KOUNOUEWA, S. DIJKOU, S. GALLE, F. ROKO	Space variability of the ETP in the basin of Donga	
	P2B.2	G.S. BHAT and S.C. ARUNCHANDRA	Energy budget over a land surface in South India	
	P2B.3	J.-J. NIZINSKI	Measurement of savannah's actual evapotranspiration and surface resistance using the Bowen-ratio method	
	P2B.4	J.-J. NIZINSKI	Actual evapotranspiration of a thorn scrub with Acacia raddiana and Balanites aegyptiaca	
	P2B.5	N. BOULAIN, B. CAPPELAERE, D. RAMIER, O. HALILOU, B. A. ISSOUFOU HASSANE, F. TI-MOUK, S. BOUBKRAOUI	Analysis of Sahelian eco-hydrological processes at the catchment scale	
	P2B.6	S. GALLE, F. ROKO, M. LE LAY, C. PEUGEOT	Variability of reference evapotranspiration over the upper Ouémé basin (Benin) for 40 years	

Time	#	Author(s)	Title	Chairs : W Hazeleger, R Lumpkin, B Bourles
17:00	P2C.1	J. MIGNOT	Oceanic and climatic impacts of anomalous freshwater in the tropical Atlantic using a coupled climate model	
	P2C.2	R. DE ALMEIDA and P. NOBRE	The Feedback Between The South Atlantic Convergence Zone And Sea Surface Temperature As Seen From The Pirata Sw Extension	
	P2C.3	N. KOLODZIEJCZYK, B. BOURLES and F. MARIN	Long Waves and Seasonal circulation in the Tropical Atlantic	
	P2C.4	D. URBANO, R. DE ALMEIDA and P. NOBRE	Upper ocean direct velocity measurements along 38W	
	P2C.5	A. FUNK, Y. GOURIOU, F. MARIN, P. BRANDT and B. BOURLES	Intermediate depth zonal circulation in the Gulf of Guinea	
	P2C.6	C. MERTENS, M. RHEIN and K. KIRCHNER	Inflow into the Caribbean Sea through the Lesser Antilles passages	
	P2C.7	D. WALLACE, L. CO-TRIM DA CUNHA, A. KÖRTZINGER, M. VISBECK, C. SANTOS, O. MELICIO, P. SILVA, J. MONTEIRO, L. CARPENTER, A. LEWIS, K. READ, J. LEE, M. HEIMANN, R. THOMPSON, H. HERMANN, K. MÜLLER, L. MENDES, P. MENDES, B. FARIA, J. PIMENTA	The Tropical Eastern North Atlantic Time-Series Observatory at Cape Verde (TENATSO). Status and Initial Results	
	P2C.8	N. LEFEVRE, A. GUILLOT, L. BEAUMONT, T. DANGUY	Variability of fCO ₂ in the eastern tropical Atlantic from the PIRATA mooring at 6°S, 10°W	
	P2C.9	L. O'BRIEN, A. ROBISON, B. GOSTLOW, N. HARRIS and J. PYLE	Halocarbon Measurements in the Marine Boundary Layer of the Tropical Atlantic Ocean: Some Results from the Cape Verde Atmospheric Observatory.	
	P2C.10	C. EDEN and R. GREATBATCH	Isopycnal diffusivity of the tropical Atlantic Ocean	
	P2C.11	V. HORMANN, P. BRANDT, J. FISCHER and B. BOURLES	Atlantic Equatorial Undercurrent Variability and Equatorial Waves	
	P2C.12	D. KÜHNEL, M. RHEIN, J. SÜLTENFUSS	Equatorial upwelling rates inferred from helium isotope data	

Tuesday, 27 November 2007

Plenary Session 3: West African Monsoon and Water Cycle

Time	#	Author(s)	Title	Chair : A Fink
08:30	3.1	M. BIASUTTI	Predictability of West Africa Monsoon Rainfall in a Warmer Climate	
08:50	3.2	W. HAZELEGER	The oceans role in tropical Atlantic Variability & TACE	
09:10	3.3	P. PEYRILLE, J.-P. LAFORE and J.-L. REDELSPERGER	Analysis of the West African Monsoon using an idealized two-dimensional model	
09:30	3.4	C. LAVAYSSE, C. FLAMANT, S. JANICOT, J.-P. LAFORE, D. PARKER and J. PELON	Seasonal evolution of the West African Heat Low: a climatological perspective	
09:50	3.5	A. BOUBACAR B. and M. TOUNKARA	Study of a squall line from June 5th to 6th June 2006 in West Africa	
10:10	3.6	P. KNIPPERTZ	INTERACTIONS BETWEEN EXTRATROPICAL UPPER-LEVEL DISTURBANCES AND THE WEST AFRICAN HEAT LOW - A CASE STUDY DURING MAY/JUNE 2006	
10:30			Break	
11:00	3.7	A. MEKONNEN, C. THORNCROFT, G. KLADIS	Convectively coupled Kelvin waves over tropical Africa: structure and variability	
11:20	3.8	A. TOMPKINS, A. AGUSTI-PANAREDA	Investigating the influence of the Harmattan moisture flux on West African Monsoon rainfall	
11:40	3.9	A. T. GAYE, F. HOURDIN, S. M. SALL, S. DIATTA, T. FALL, A. TRAORE, M. LY et al.	Variability of various terms of water cycle in West African Monsoon as represented by high resolution configurations of LMDZ	
12:00	3.10	S. WAGNER, H. KUNST-MANN, A. BARDOSSY, C. CONRAD, R. R. COLDITZ	Water balance estimation in a poorly gauged basin using atmospheric modelling and remote sensing information	

Parallel sessions

4A: Heat Low and Atmospheric Boundary Layer				Chair : C Flamant
Time	#	Author(s)	Title	
14:00	4A.1	T. SPENGLER and R.K. SMITH	Fronts and balance in heat lows	
14:15	4A.2	J. CUESTA, C. FLAMANT, D. EDOUARD, M. MOUNI and P. FLAMANT H.	Seasonal evolution of the Saharan Atmospheric Boundary Layer as observed in Tamarrasset by a multi-platform super-site during the AMMA field experiment in 2006	
14:30	4A.3	NGUYEN, THORNCROFT, ZAHNG and PEYRILLE	Annual cycle of the Saharan Heat Low and its role in the coupled West African monsoon system	
14:45	4A.4	F. CHAUVIN	Variability of the Heat Low from intraseasonal to interannual timescale	
15:00	4A.5	L. EYMARD, F. FARBOU, N. CHOUAIB and R. SERAOUJ	The 2006 West African monsoon features, as depicted using AMSU-A/B brightness temperatures	
15:15			Introduction to Poster presentation (14 Posters)	
15:30 - 17:45			Poster session and Coffee break	
17:45	4A.6	P. DROBINSKI, S. BASTIN, S. JANICOT, A. DABAS, P. DELVILLE, M.L. DENNEJUN, E. NAGEL, O. REITEBUCH, B. ROMAND	Role of scale interactions and orography on the late northward propagation of the West African monsoon in summer 2006 in the region of Niger/Mali	
18:00	4A.7	A. DELL'AQUILA, P.M. RUTI, O. CAVALIERI and S. JANICOT	A multivariate analysis of the summer northern African circulation in the NCEP-NCAR reanalysis.	
18:15	4A.8	S. POHLE and A. H. FINK	Extra-Tropically Forced Rainfall Events during the Monsoon Onset Period 2006 - A Case Study	
18:30			Discussion	

4B: Land Surface Processes II (Hydrology)				Chair : T Lebel
Time	#	Author(s)	Title	
14:00	4B.1	L. SEGUIS, B. KAMAGATE, G. FAVREAU, M. GOSSET, C. PEUGEOT, L. LE BARBE, M. WUBDA	Origin of the streamflow water in the soudanian Donga catchment (Benin). Quantification of the different terms of the streamflow and variability during the EOP of the AMMA experiment	
14:15	4B.2	A. ZANNOU, C. PEUGEOT, M. LE LAY, G.M. SAULNIER	Hydroclimatic and hydrological study of Alibori watershed (Niger Basin) in Benin	
14:30	4B.3	S. GALLE, L. SEGUIS, M. GOSSET, C. PEUGEOT, M. LE LAY, H. ROBAIN, J. SEGUIERI, M. WUBDA, S. LABELLE, M. BLANCHARD	Singularity and generality of hydrological functioning of three catena with different vegetation cover in center Benin	
14:45			Introduction to Poster presentation (20 Posters)	
15:00			P4B: Land Surface Processes II (Hydrology)	
15:15				
15:30 - 17:45			Poster session and Coffee break	

4B: Land Surface Processes II (Hydrology)

Time	#	Author(s)	Title	Chair :
17:45	4B.4	V. S. H. TOTIN, E. AMOUSSOU et M. BOKO	IMPACT DES MIGRATIONS DE LA MOUSSON OUEST AFRICAINE SUR LA DISPONIBILITE EN EAU DANS LE BASSIN DU COUFO AU BENIN (AFRIQUE DE L OUEST)	Chair : T Lebel
18:00	4B.5	T. VISCHEL, S. MASSUEL, T. LABEL, B. CAPPELAERE	Impact of recent changes of Sahelian rainfall regimes on the response of hydrological systems	
18:15	4B.6	G. FAVREAU, M. LE-BLANC, S. MASSUEL, S. TWEED, N. BOULAIN, B. CAPPELAERE, M. LOI-REAU	Land clearance and long-term changes in the water balance in semiarid Niger. 1 - Evidence of increased runoff using aerial photographs	
18:30	4B.7	A. L. FOUPEPE, F. KALLA, J. R. NDAM, L. N. SIGHA	Comportement hydrodynamique d'un aquifere a nappe libre en zone urbaine du Cameroun	

4Ca: Tropical Ocean Circulation II

Time	#	Author(s)	Title	Chairs :
14:00	4C.1	S. HÜTTL and C. W. BÖN-ING	Sources and fate of the off-equatorial undercurrents in the Atlantic Ocean	Chairs : W Hazeleger, R Lumpkin, B Bourles
14:15	4C.2	P. BRANDT, V. HORN-MANN, B. BOURLES, J. FISCHER, F. A. SCHOTT, L. STRAMMA and M. DENGLER	Oxygen tongues and zonal currents in the equatorial Atlantic	
14:30	4C.3	W. HAN	Dynamics of intraseasonal sea level and thermocline variability in the equatorial Atlantic during 2002-2003	
14:45	4C.4	I. POLO, A. LAZAR, B. RODRIGUEZ-FONSECA, S. ARNAULT, G. MAIN-SANT	Morphology, forcing and impacts of intra-seasonal Kelvin waves in the tropical Atlantic	
15:00	4C.5	L. G. BUNGE and A. J. CLARKE	Seasonal propagation of sea level in the equatorial Atlantic	
15:15	Discussion			
15:30				
15:45				
16:00	4C.6	Y. KUSHNIR	The association between the Atlantic Intertropical Convergence Zone and tropical Atlantic SST variability	
16:15	4C.7	A. LAZAR, C. SERRAUD, A. DRUMOND, B. SULTAN, I. WAINER and S. JANICOT	Latitudinal migration of the AMITCZ : a study of the role of the ocean in Spring	

4Cb: Atlantic ITCZ and Tropical Atlantic Variability

Time	#	Author(s)	Title	Chairs :
16:30				Chairs : B Johns, N Keenlyside
17:45	4C.8	M. JOCHUM	Physical Processes that determine the position of the Atlantic Marine ITCZ	
18:00	4C.9	G. R. FOLTZ and M. J. MCPHADEN	Impact of Saharan dust on tropical North Atlantic SST	
18:15	4C.10	J. C. H. CHIANG	Response of the Tropical Atlantic to Global Climate Variations	
18:30	4C.11	R. HAARMA and W. HAZELEGER	Impact of Atlantic Meridional Overturning Circulation on Tropical Atlantic Climate	

4D: High Impact Weather Prediction and Predictability: Data Impact Studies

Time	#	Author(s)	Title	Chairs :
14:00	4D.1	I. GENKOVA, C. VELDEN, M. SHAPIRO, H.-M. HSU	Saharan dust motion extraction from MSG-SEVIRI imagery	Chairs : M Nuret, A Augusti-Panareda
14:15	4D.2	A. AGUSTI-PANAREDA, E. ANDERSSON, A. BELJAARS, C. BOCK, A. FINK, A. GARCIA-MENDEZ, F. GUICHARD, H. HERSBACH, M. NURET, D. PARKER, J.-L. REDELSPERGER, A. TOMPKINS, D. VASILJEVIC	Radiosonde humidity bias correction over the West Africa for the special AMMA reanalysis at ECMWF	
14:30	4D.3	P. E. CIESIELSKI, R. H. JOHNSON, J. WANG	Impact of sonde humidity corrections on TOGA COARE analyses	
14:45	4D.4	M. W. DOUGLAS, J. MURILLO and J. MEJIA	Upgrading the pilot balloon network in West Africa as part of NASA-AMMA 2006. Implications for THORPEX and long-term monitoring	
15:00	Introduction to Poster presentation (14 Posters)			P4D: Weather and Climate Prediction and Predictability
15:15				Poster session and Coffee break
15:30 - 17:45				
17:45	4D.5	E. GERARD, F. RABIER, V. GUIDARD, F. KARBOU, P. MOLL, R. MONTRON	Overview of current assimilation developments in the global model at Meteo-France and plans for AMMA data impact studies	
18:00	4D.6	C. THORNCROFT, S. MAJUMDAR	Analysis and prediction of an intense African easterly wave and its associated high impact weather in September 2006	
18:15	4D.7	F. KARBOU, E. GERARD and F. RABIER	New developments to improve the assimilation of satellite microwave observations over land: Impact studies using AMSU-A, AMSU-B and SSM/I observations	
18:30	Discussion			

Poster sessions

Time	#	Author(s)	Title	Chair :
15:30 - 17:30				Chair : C Flamant
P4A.1	A. KASSIMOUM, B. BROOKS, D. J. PARKER, T. LEBEL, N. KALTHOFF	The Diurnal cycle of lower boundary layer Wind in West Africa Monsoon		
P4A.2	B. POSPICHAL and S. CREWELL	Statistical analysis of ground-based atmospheric remote-sensing observations in Nangatchori (Benin)		
P4A.3	Y. J. LEE, B. CAMPISTRON and K. E. KIM	Preliminary results obtained from the 3D analysis of the AMMA wind profiler radar synoptic network		
P4A.4	F. GUICHARD, C. PEUGEOT, O. BOCK, J.-L. REDELSPERGER, N. ASENCIO, A. BOONE, F. CHOPIN, X. CUI, M. GARVERT, S. JONES, J. P. LAFORE, B. LAMPTAY, K. RAMAGE, E. ORLANDI, J. SANDERS	Mesoscale simulations of MCSs: intercomparison of precipitation and surface evapotranspiration fields for the 27-28 August 2005 case study		

Time	#	Author(s)	Title	Chair : C Flamant
15:30 - 17:30				
	P4A.5	G. CANUT, P. DURAND, F. LOHOU, M. LOTHON and F. SAID	Role of the planetary boundary layer in the interaction between monsoon flux and Harmattan flux in the West African Monsoon system	
	P4A.6	B. CAMPISTRON, F. LOHOU, M. LOTHON, F. SAID	Nyctemeral cycle in the low troposphere over Niger and Benin	
	P4A.7	C. DELON, F. LOHOU, D. SERUCA, M. LOTHON, F. SAID, G. HERBERT, J. VOUZELAUD and J.A. RODRIGUEZ	DYNAMICAL STRUCTURE OF THE BOUNDARY LAYER DURING THE 2006 WET SEASON NEAR NIAMEY	
	P4A.8	B. SULTAN, S. JANICOT and P. DROBINSKI	Characterization of the diurnal cycle of the West African monsoon around the monsoon onset	
	P4A.9	E. HOUGNINOU, B. POSPICHAL, S. CREWELL, E. HOUGNINOU, A. FINK, O. BOCK	Comparison of atmospheric water vapour measurements in Benin during AMMA	
	P4A.10	M. N. BOUJN, O. BOCK, S. NAHMANI, E. DOERFLINGER, F. MASSON	Precipitable water vapour retrieval from GPS stations during the AMMA EOP/SOP: near real time and scientific analyses	
	P4A.11	O. BOCK, M. N. BOUJN, E. DOERFLINGER, F. MASSON, P. COLLARD, M. KOITE, K. GAPTIA LAWAN BALAWAN, F. DIDE, D. OUEDRAOGO, G. WILSON and DNM/ASECNA/GMA, IRD, IGN, Météo-France, and CNRS	The West African Monsoon observed with ground-based GPS receivers during AMMA EOP	
	P4A.12	S. EIKENBERG and A. H. FINK	Influence of large-scale atmospheric moisture fluxes on the intra-seasonal variability of the West African Monsoon 2006	
	P4A.13	C. GRAMS, J. HAYWOOD, V. HEUVELINE, S. JONES, J. MARSHAM, D. PARKER, C. SCHWIERZ	Spatial and diurnal variability in the Saharan Boundary Layer during the GERBILS campaign	
	P4A.14	S. MADOUGOU, B. CAMPISTRON, F. SAID, M. LOTHON and F. LOHOU	Nine months of UHF wind profiler radars observation of the lower atmosphere at Bamako and Niamey	
Time	#	Author(s)	Title	Chair : T Lebel
15:30 - 17:30				
	P4B.1	I. MAMADOU, E. LE BRETON, E. GAUTIER-COSTARD, L. DESCROIX, I. BOUZOU MOUSSA	Impacts des changements géomorphologiques dans la dynamique hydrologique des bassins versants endoréiques du Fagara au Niger	
	P4B.2	E. LE BRETON, I. MAMADOU, L. DESCROIX, E. GAUTIER-COSTARD, I. BOUZOU MOUSSA	Dynamique sédimentaire dans la région du Fagara au Niger: conséquences sur la migration des mares et des konis	
	P4B.3	M. GOSSET, E. P. ZAHIRI, S. MOUMOUNI, J. DOSSOUGOIN	Mean characteristics and variability of Rain Drop Size distributions observed in Benin and link with radar measurements	
	P4B.4	I. BOUZOU MOUSSA, O. FARAN MAIGA, J.-M. K. AMBOUTA, B. SARR, L. DESCROIX, M. M. ADAMOU	La reprise de la fonctionnalité du kori Alela dans la région de Konni (centre sud du Niger) : un exemple du processus de fin de l'endoréisme des bas-fonds sahéliens ou simple coalescence de mares?	

Time	#	Author(s)	Title	Chair : T Lebel
15:30 - 17:30				
	P4B.5	I. BOUBACAR, S. BOUBKRAOUI, I. MAMADOU, E. LE BRETON, L. DESCROIX	Caractérisation du fonctionnement hydrologique d'un petit bassin sahélien dans la zone du degré caré de Niamey et de l'hydrodynamisme des états de surface du bassin : bassin versant de wankama (amont zone d'épandage)	
	P4B.6	L. DESCROIX, I. BOUBACAR, S. BOUBKRAOUI, I. BOUZOU MOUSSA, M. ESTEVES, I. MADOU, E. LE BRETON, J.-P. LAURENT, B. CAPPELLAERE, O. AMOOU	Diminution des débits vers l'aval : mise en évidence de nouvelles zones de recharge	
	P4B.7	L. SEGUIS, B. KAMAGATE, G. FAVREAU, M. GOSSET, C. PEUGEOT, L. LE BARBE, M. WUBDA	Groundwaters on a crystalline bedrock, characterisation and functioning on the Donga catchment (Benin)	
	P4B.8	L. SEGUIS, M. DESCLOITRES, S. GALLE, M. GOSSET, C. PEUGEOT, S. VAN EXTER	Importance of a very local landform, the seasonally inundated wetlands, to meso-scale surface water resources in the soudanian site of the Amma-Catch observatory	
	P4B.9	O. AMOOU, P. BELLEUDY and L. DESCROIX	Sediment transport in the middle Niger River basin	
	P4B.10	S. SAMBOU, E. N. MALANDA NIMY, M. CISSE, A. M. BADI	Flood and low flows forecasting and management using a hydrological conceptual rain-fall runoff model in the Senegalese and Gambian river basins: the case of the GR4j model	
	P4B.11	C. PEUGEOT, L. SEGUIS, A. ZANNOU, S. AFOUDA, M. ARJOUNIN, S. BOUBKRAOUI, J.-M. BOUCHEZ, C. DEPRAETERE, S. GALLE, M. GOSSET, L. LE BARBE, M. LELAY, F. MALINIUR, T. OUANI, S. VAN EXTER, M. WUBDA	Hydrological Functioning and Meso-scale Water Budget on the Upper Oueme Basin (Benin) : New Results and Perspectives	
	P4B.12	B. LAMPTÉY	Comparison of gridded multi-satellite rainfall estimates with gridded gauge rainfall over West Africa	
	P4B.13	T. VISCHÉL and T. LEBEL	Spatial analysis of recent changes in the Sahelian rainfall regime	
	P4B.14	T. PELLARIN and A. ALI	Using spaceborne surface soil moisture to improve satellite precipitation estimates over West Africa	
	P4B.15	J.-C. BERGES, F. CHOPIN	EPSAT-SG: implementation issues	
	P4B.16	F. CHOPIN, J.-C. BERGES, A. ALI, I. JOBARD, M. DESBOIS, R. ROUCA	Validation and inter-comparison of 10-Day rainfall estimates using EPSAT-SG and other satellite precipitation methods over West-Africa	
	P4B.17	S. DIATTA, F. HOURDIN, A. T. GAYE, N. VILTARD	Comparison of rainfall profiles in West-African monsoon as depicted by TRMM-PR and a climate model	
	P4B.18	M. IBRAHIM, G. FAVREAU, Y. NAZOUMOU, P. GENTHON, S. BOUBKRAOUI, B. CAPPELLAERE, L. DESCROIX	Modelling of thermal groundwater flux after infiltration of surface water through ponds in southwestern Niger	
	P4B.19	G. FAVREAU, M. BOUCHER, S. MASSUEL, J.-M. VOUILAMOZ, M. DESCLOITRES, M. LEBLANC, S. TWEED, Y. NAZOUMOU, A. LEGCHENKO, B. CAPPELLAERE	Land clearance and long-term changes in the water balance in semi-arid Niger. 2 - Quantifying an increase in groundwater recharge using an hydrogeophysical survey	

Time	#	Author(s)	Title	Chair : T Lebel
15:30 - 17:30				
P4B.20	E. AFOUDA, B. KAMAGATE	Fonctionnement hydrodynamique du bassin versant de la Donga écoulement et évaluation des ressources superficielles et souterraines des aquifères		

Time	#	Author(s)	Title	Chairs : M Nuret, A Augusti-Panareda
15:30 - 17:30				
P4D.1	B. SULTAN and S. JANICOT	Short-lead predictability of intraseasonal oscillations of the convective activity in West Africa		
P4D.2	C. RIO, F. HOURDIN, J.-Y. GRANDPEIX	Parameterization of the transition from shallow to deep convection in a General Circulation Model		
P4D.3	I. BEAU, D. POLLACK, J. F. GUEREMY, P. MARQUET	VALIDATION OF CONVECTION AND TURBULENCE PARAMETRIZATION SCHEMES ON THE WAM REGION		
P4D.4	J.P. LAFORE, Z. MUMBA, P. CHAPELON, M. DUFRESNE, R. AGBABU, A. ABDOL-AZIZ, H. HAMDOUN, N. ASENIO, F. COUVREUX, M. NURET, A. GARBA	Forecasting activities during the Summer 2006 SOP of AMMA: Proposition of a Synthetic Analysis specific to the West Africa		
P4D.5	L. BOUALI, J. LEMOND, N. PHILIPPON, B. FONTAINE	Retrospective forecasts of Sahelian summer rainfall by the use of a MOS approach and 'DEMETER' data.		
P4D.6	M. NURET, J.-P. LAFORE, A. AGUSTI-PANAREDA, N. ASENIO, H. BENICHO, O. BOCK, F. COUVREUX, F. FAVOT, F. GUICHARD, T. MONTMERLE, Y. SEITY	EVALUATION OF SOME MODELS OPERATIONALLY USED DURING AMMA 2006 SOP: PRECIPITATION AND CONVECTION-RELATED FIELDS		
P4D.7	P. MARQUET, J.-F. GUEREMY, I. BEAU, D. POLLACK	Validation of Convection and Turbulence schemes by using "2D-transsect"		
P4D.8	S. TRZASKA, D. DEWITT, D. LEE, S. MASON	Evaluation of dynamical seasonal forecasts for West Africa made with uncoupled and coupled general circulation models		
P4D.9	X. CUI, A. MORSE, S. MILTON, M. BROOKS	Could dynamical downscaling improve weather forecast skills in West Africa for impact studies?		
P4D.10	Z. T. SEGELE, P. J. LAMB and L. M. LESLIE	Wavelet-Based Monthly-to-Seasonal Rainfall Predictions for Ethiopia		
P4D.11	J. YU, J.-Y. GRANDPEIX	Parameterization of the orographic triggering of deep convection over West Africa		
P4D.12	M. ILY, R. ROCA, L. FAIRHEAD, F. HOURDIN and A. GAYE	Evaluation of the nudged version of the LMDz General Circulation Model using the AMMA campaign observations with emphasis on rainfall and water vapor		
P4D.13	J. M. SCHRAGE and A. H. FINK	The changing relationship between West African precipitation anomalies and Atlantic hurricane activity		
P4D.14	A. LENOUO, A. D. VONDOU, W. M. POKAM and F. M. KAMGA	The computation of Equivalent Static Stability Measures		

Wednesday, 28 November 2007

Plenary Session 5: Surface-Atmosphere Feedbacks, Aerosols and Gas Phases

Time	#	Author(s)	Title	Chair : D Parker
08:30	5.1	D. SERCA, F. LOHOU, B. PISCHAL, L. BLAREL, H. CHIER, B. CAMPISTRON, P. CAS-TERA, S. CREWELL, S. GALLE, C. GALLY-LACAUX, P. GOLOUB, C. LOUSSE, E. GARDRAT, M. GOSSET, F. GOUTAIL, M. MALLET, A. MARISCAL, J. PELON, A. POIRSON, V. PONT, J. SCIARE and D. TANRE	EOP ground-based measurements at the Nangatchori (Benin) AMMA site: a seasonal overview	
08:50	5.2	C. MARI, G. CAILLEY, L. CORRE, M. SAUNOIS, J.-L. ATTIE, V. THOURET, A. STOHL	Tracing biomass burning plumes from the Southern Hemisphere during the AMMA 2006 wet season experiment	
09:10	5.3	F. Fierli, F. CAIRO, K. LAW, H. SCHLAGER, S. BALESTRI, C. BLOM, S. BORRMANN, J. CURTIUS, M. DE REUS, A. GARNIER, E.R.T. KERSTEL, P. KONOPKA, P. MAZZINGHI, F. OLSCHESKI, A. OULANOVSKY, F. RAVEGNANI, C. SCHILLER, G. SHUR, N. SITNIKOV, M. STREIBEL, L. STEFANNUTI, F. STROH, T. ROECKMANN, S. VICIANI, H. VOESSING, C.VOIGT, M. VOLK, M. VON HOBE, R. WEIGER, V. YUSHKOV	Characterization of the transport and chemical distribution in the Upper-Troposphere Lower Stratosphere in West Africa	
09:30	5.4	T. STANELLE, B. VOGEL, D. BAEUMER, H. VOGEL, C. KOTTMEIER	Interaction of mineral dust particles and atmospheric processes over West Africa during March 2006	
09:50	5.5	A. KONARE, A.S. ZAKAY, F. SOLMON, F. GIORGI, S. RAUCHER, S. IBRAHIM, X. BI	A regional climate modeling study of the effect of desert dust on the West African monsoon	
10:10	5.6	A. BOONE, P. DE ROSNAY and the ALMIP Working Group	Phase I Results from the AMMA Land surface Intercomparison Project (ALMIP)	
10:30			Break	
11:00	5.7	B. DECHARME, C. OTTLE, S. SAUX-PICART, M. ZRIBI, B. CAPPELAERE, N. BOULAIN, D. RAIMIER	Influence of land surface states on the water budget and the convection dynamics at meso-scale: coupling teleconnection and land surface-atmosphere modelling on the AMMA-Niger super-site	
11:20	5.8	L. GANTNER, N. KALTHOFF and M. KOHLER	Numerical modelling of the interaction of soil moisture patterns with planetary boundary layer features and convection	
11:40	5.9	C. M. TAYLOR	Intraseasonal land-atmosphere coupling in the West African Monsoon	
12:00	5.10	D. J. PARKER and C. M. TAYLOR	Theoretical models of the coupling between Rossby waves and soil moisture patterns in the Northern Sahel	

Parallel sessions

6A: Waves and Convection			Chair : C Thorncroft
Time	#	Author(s)	Title
14:00	6A.1	J. SCHWENDIKE and S. JONES	The interaction between convection and African Easterly Waves: a model case study
14:15	6A.2	R. CORNFORTH and B. HOSKINS	Moist Processes and African Easterly Waves
14:30	6A.3	G. J. BERRY and C. D. THORNCROFT	African easterly wave dynamics in a full-physics numerical model
14:45	6A.4	A. MEKKONEN and C. THORNCROFT	On the 3-4-day periodic convection over East-Africa
15:00	6A.5	D. MONKAM	Apports de Vapeur d'Eau par les Ondes Africaines et de 6 - 9-jours en Afrique de l'Ouest pendant l'été 1981
15:15 Introduction to Poster presentation (17 Posters)			
15:30 - 17:45 Poster session and Coffee break			
17:45	6A.6	S. JANICOT, F. MOUNIER, G. KILADIS	The dominant mode of convectively coupled Kelvin waves in the West African monsoon
18:00	6A.7	M. CAMARA, A. DIEDHIOU, A. GAYE	AFRICAN EASTERLY WAVES BEFORE CYCLOGENESIS OVER THE ATLANTIC OCEAN: COMPOSITE AND CASE STUDIES OCCURRED ON SUMMER 2006
18:15	6A.8	P. KAFANDO, F. CHANE MING and M. PETIT-DIDIER	Climatology of Gravity Waves activity in equatorial Africa
18:30	Discussion		

6B: Water Cycle and Surface-Atmosphere Feedbacks			Chair : A Gaye
Time	#	Author(s)	Title
14:00	6B.1	C. PEUGEOT, F. GUI-CHARD, J.-L. REDELS-PIERGER, N. ASENGIO, O. BOCK, X. CUI, F. FIERLI, M. GARVERT, M. GOSSET, S. JONES, J.P. LAFORE, B. LAMPTHEY, M. NURET, E. ORLANDI, D. PARKER, J. SANDERS, M. ZAMPIERI	The 28-29 Aug. 2005 community case study : results and perspectives for meso-scale coupling of atmospheric and hydrologic models for water cycle studies
14:15	6B.2	M GOSSET, C DEPRAETERE, E. LAWIN, S. MOUMOUNI	Rainfall space-time variability in the Upper Ouémé Region : a summary of long term and recent AMMA EOP ground observations in Bénin
14:30	6B.3	M. DIEDERICH, E.P. ZAHIRI, C. SIMMER	Intercomparison of rain estimates from satellite, radar, and pluviometers in Benin during 2006 and beyond
14:45	6B.4	C. RISI, S. BONY, F. VIMEUX, L. DESCROIX, I. MAMADOU et I. BOUBA-CAR	Analysis of the isotopic composition of rainwater samples collected in the Niamey area during the 2006 monsoon: from convective events to seasonal variations
15:00	6B.5	BAOHOUTOU LAOHOUE	Methodes de critique d'analyse et de cartographie des pluies ponctuelles appliquées à la pluviométrie en zone soudanaise Tchadienne

6B: Water Cycle and Surface-Atmosphere Feedbacks

Time	#	Author(s)	Title	Chair : A Gaye
15:15	Introduction to Poster presentation (21 Posters)			
15:30 - 17:45	Poster session and Coffee break			
17:45	6B.6	E. A. LAWIN, A. AFOUDA, T. LABEL	Rain fields Variability Analysis at small space-time scales in the Upper Region of Oueme River Valley (Benin)	
18:00	6B.7	A. TARHULE	RAINWATCH: A Geographic Information System for Rain-fall Monitoring in Niger	
18:15	6B.8	M. KOHLER, K. PREKO, N. KALTHOFF, L. GANTNER, G. SCHÄDLER	Soil moisture variability and the impact of soil moisture on the energy balance and PBL structure	
18:30	6B.9	C. M. TAYLOR	Impact of soil moisture on the development of a major convective storm: a case study from the AMMA Special Observing Period	

6Ca: Prediction and Predictability of Tropical Atlantic Variability I			Chairs :M Jochum, C Eden	
Time	#	Author(s)	Title	
14:00	6C.1	Y. OKUMURA	Atlantic Niño II: Phenomena and Implications for Climate Predictability	
14:15	6C.2	M. JANSEN, D. DOMMENGET and N. KEENLYSIDE	A Simple Recharge Oscillator Model for the Equatorial Atlantic and its interaction with ENSO	
14:30	6C.3	I. RICHTER and S.-P. XIE	On the origin of tropical Atlantic SST biases in coupled general circulation models	
14:45	Discussion			
15:00	Introduction to Poster presentation (8 Posters)			
15:15	Poster session and Coffee break			
15:30 - 17:45	6Cb: Prediction and Predictability of Tropical Atlantic Variability II			
17:45	6C.4	F. HERNANDEZ, M. DRE-VILLON, L. CROSNIER, E. GREINER, C.-E. TESTUT and the MERCATOR Team	Tropical Atlantic Dynamics from the Mercator global operational system	
18:00	6C.5	N. KEENLYSIDE, M. JANSEN, J. LUBBECKER, H. DING, D. DOMMENGET, R. KLEEMAN, M. LATIF and S. RAYNAUD	Equatorial Atlantic climate variability: Is there any dynamical predictability?	
18:15	Discussion			
18:30				

Time #	Author(s)	Title	Chair : B Vogel
14:00	6D.1 C. LIOUSSE, B. GUILLAUME, A. POIRSON, J.M. GREGOIRE, M. MALLET, F. SOLMON, V. PONT, R. ROSSET, C. GALLY, A. KONARE, C. GRANIER and A. MIEVILLE	Aerosol modeling during AMMA-EOP with updated biomass burning emission inventories	
14:15	6D.2 A. MATSUKI, A. SCHWARZENBOECK, H. VENZAC, P. LAJ, O. LAURENT, G. MOMBOISSE, S. CRUMETROLLE, L. GOMES and T. BOURRIANNE	Aerosol vertical profiles measured before and after the arrival of the West African Monsoon. Based on AMMA aircraft campaign in summer 2006	
14:30	6D.3 P. KNIPPERTZ, C. DEUTSCHER, K. KANDLER, T. MULLER, O. SCHULZ and L. SCHUTZ	DUST MOBILIZATION DUE TO DENSITY CURRENTS IN THE ATLAS REGION - OBSERVATIONS FROM THE SAHARAN MINERAL DUST EXPERIMENT SAMUM 2006	
14:45	6D.4 D. BOUKARAM, C. FLAMANT, P. TULET, J.-P. CHABOUREAU, A. DABAS, O. REITEBUCH, M. CHONG	Sahelian dust lifting in the inter-tropical discontinuity region: Lidar observations and mesoscale modelling	
15:00 - 17:45	Introduction to Poster presentation (35 Posters)		
17:45	Poster session and Coffee break		
17:45	6D.5 J.-L. RAJOT, A. ALFARI, S. ALFARO, M. ALIKO, S. CAQUINEAU, B. CHATENET, S. CHEVAILLIER, K. DESBOEUF, P. FORMENTI, A. GAUDICHET, B. HEESE, K. HUNGERSCHOEFER, E. JOURNET, F. LAVENU, M. MAILLE, B. MARTICORENA, N. MOUJET	Overview of AMMA - SOP 0 campaign during dry season in the Sahel: Ground based studies (Banizoumbou - Niger)	
18:00	6D.6 Y. DERIMIAN, J.-F. LEON, O. DUBOVIK, I. CHIAPELLO, D. TANRE, A. SINYUK, F. AURIOL and T. PODVIN	Aerosol radiative properties observed over MBour in Senegal during dry season - AMMA 2006 experiment	
18:15	6D.7 A. SLINGO, N.A. BHARMAL, G.J. ROBINSON, J.J. SETTLE, H.E. WHITE, R.P. ALLAN, M. MILLER, P.J. LAMB, M. Issa LELE, D. TURNER, S. MCFARLANE, E. KASSIANOV, J. BARNARD and C. FLYNN	Results from the RADAGAST experiment in Niamey	
18:30	6D.8 E. L. KEY, P.J. MINNETT, G. SZCZODRAK, G. CANIAUX, K. VOSS and D. BOURRAS	Radiative Forcing at the Surface by Clouds, Aerosols, and Water Vapor over the Tropical Atlantic during AMMA	

Time #	Author(s)	Title	Chairs : L Some, O Mertz
14:00	6E.1 A. COTNOIR et P. GA-CHON	Climate Change Adaptation Capacity Support in the Sahel	
14:15	6E.2 T. MANDÉ, B. BARBIER, M.L. COMPAORÉ, H. KARAMBIRI and Y. HAMA	Traditional recourse to climate variability in the sahel: Economic stochastic programming with recourse at the farm level	
14:30	6E.3 D. BOURCIER et P. MAZ-ZEGA	Renewable Natural Resources, Law and ICT	
14:45	6E.4 A. NDIAYE	VARIABLE CLIMATIQUE ET INDICES DE DEVELOPEMENT HUMAIN DANS LE SAHEL RURAL SENEGALAIS	
15:00	6E.5 B. LAOHOUE	VARIABLE PLUVIOMETRIQUE ET MUTATIONS SOCIO-ECONOMIQUES DURANT LES QUATRE DERNIERES DECENNIES AU SUD DU TCHAD	
15:15	6E.6 M. DIOP et I. M. SENE	Analysis of climate impact variability on households incomes and crops water balance in Senegal	
15:30	6E.7 A. BERG, B. LABBOUZ, P. QUIRION et B. SULTAN	A room for weather index based insurance for agriculture in West Africa?	
15:45 - 17:45	Poster session and Coffee break		
17:45	6E.8 A. BERG, N. DE NOBLET, B. SULTAN	Including Tropical Croplands in a Terrestrial Biosphere Model: application to West-Africa	
18:00	6E.9 T. GAISER, A. MOUJINO IGUE, H. WEIPPERT, K. STAHR	Climate effects on crop productivity at the regional scale in the Oueme basin of Benin (West Africa)	
18:15	6E.10 D. NOUFE, G. MAHE, E. SERVAT, J.-L. CHALEARD, T. BROU	Risque climatique et productivite agricole dans les paysanneries de l'Est ivoirien	
18:30	6E.11 A. ALHASSANE, S. TRAORE, C. BARON, B. MULLER, B. SULTAN, M. DINGKUH et M. ZOU-ZOU	Modeling the Growth and Development of Pearl Millet under Limited Conditions of Water and Nitrogen Supply: Evaluation and Adaptation of the SARRA-H Model in Niger	

Poster sessions

Time	#	Author(s)	Title	Chair : C Thorcroft
15:30 - 17:30	P6A.1	C. BAIN, D. PARKER and C. TAYLOR	The detailed structure of an African Easterly Wave in July 2006	
	P6A.2	P. M. RUTI, A. DELL'AQUILA	African Easterly Waves in IPCC runs: XX century case	
	P6A.3	T. T. H. NGUYEN and J.-P. DUVEL	Convectively coupled Kelvin waves and convective systems over equatorial Africa	
	P6A.4	S. JANICOT, F. MOUNIER, A. DIEDHIOU	Les ondes atmosphériques d'échelle synoptique dans la mousson d'Afrique de l'Ouest et Centrale: ondes d'Est et onde de Kelvin	
	P6A.5	R. ROCA and A. DEME	Dry air intrusions in the African monsoon mid-troposphere during the AMMA campaign	
	P6A.6	J. LEMOND, R. ROCA, L. PICON and H. BROGNIEZ	Interannual variability of the free tropospheric humidity in the Atlantic	
	P6A.7	S. JANICOT, F. MOUNIER, G. KILADIS	The Quasi-Biweekly Zonal Dipole of convection in the West African summer monsoon	
	P6A.8	S. JANICOT, F. MOUNIER, N. HALL, S. LEROUX, G. KILADIS	Analysis of 25-90-day variability of convection in the West African summer monsoon	
	P6A.9	D. A. VONDON, A. NZEUKOU, F. MKANKAM KAMGA, L. A. DJOTANG TCHOTCHOU, W. B. POKAM	Analyse de la variabilité du cycle diurne de convection observe par le satellite METEOSAT sur le Cameroun	
	P6A.10	D. N. FAKA et J.-M. BECKERS	La dynamique des evenements pluvieux autour du temps de residence de l'etat humide dans la zone tropicale africaine	
	P6A.11	N. LAMRANI and M. CHONG	Dynamics and microphysics of the 28 July 2006 squall line during AMMA SOP 2-a2	
	P6A.12	T. INOUE	Feature of deep convection over the west Africa	
	P6A.13	A. DEME, F. CHAUVIN, G. GASTINEAU, R. FRANCHISEUR, A. GAYE, J.-Y. GRANDPEIX, F. HOURDIN, M. LY, L. MENUT, L. PICON, K. RAMAGE, C. RIO and R. ROCA	A case study of suppressed convection over the Dakar area during the SOP-3 : focus on synoptic activity and tropospheric humidity	
	P6A.14	T. FIOILLEAU, R. ROCA, J.-Y. GRANDPEIX and J. YU	Analysis of deep convection initiation over West Africa from MSG infrared data	
	P6A.15	T. FIOILLEAU, M. TOMASSIN, J.P. LAFORE, H. LAURENT, T. LEBEL, K. RAMAGE and R. ROCA	A climatology of Mesoscale Convective Systems from 23-year of METEOSAT first generation observations	
	P6A.16	Y. K. KOUADIO, J. SERVAIN and L. A. T. MACHADO	On Tropical Atlantic Cyclogenesis coming from West African Mesoscale convective systems	
	P6A.17	G. PENIDE, V. GIRAUD, S. CAUTENET, A. PROTAT and D. BOUNIOL	The 7 to 9 September 2006 AMMA Anvil-cirrus cloud case study : Numerical Simulation of the Dynamics, Cloud Microphysics, radiative forcing and echo Radar structures	

Time	#	Author(s)	Title	Chair : A Gaye
15:30 - 17:30	P6B.1	A. K. TRAORE, F. HOURDIN and A. T. GAYE	Influence of surface scheme on the intraseasonal and interdecadal variability of the West African Monsoon rainfall	
	P6B.2	C. M. TAYLOR, D. J. PARKER, P. P. HARRIS	Airborne observations of mesoscale airflow induced by soil moisture: a case study from the AMMA Special Observing Period	
	P6B.3	F. LOHOU, M. LOTHON, F. SAID, B. CAMPISTRON, L. DESCROIX	Boundary layer and surface response to rainy events	
	P6B.4	G. M. DEVINE, D. J. PARKER, C. M. TAYLOR and P. P. HARRIS	Modelling the influence of soil moisture heterogeneity on the dynamics of the atmospheric boundary layer	
	P6B.5	M. DOMINGUEZ and M. A. GÄRTNER	A regional climate simulation over West Africa: comparison with observations and preliminary analysis of land surface-atmosphere interactions	
	P6B.6	M. DOUKOURE, J.-M. COHARD, S. ANQUETIN	LARGE EDDY SIMULATION OF THE LATENT HEAT FLUX WITHIN THE ARA CATCHMENT	
	P6B.7	N. ASENCIO, A. BOONE, T. PELLARIN, M. CHONG, J.-P. LAFORE, J.L. REDELSPERGER, F. GUICHARD, F. COUVREUX, T. LEBEL, P. DEROSNAY, M. TOMASINI, F. FAVOT	SURFACE/ATMOSPHERE COUPLING: THE 25-27 JULY 2006 CASE STUDY	
	P6B.8	N. KALTHOFF, J. SCHWENDIKE, M. KOHLER	The Impact of Mesoscale Convective Systems on the Atmospheric Boundary Layer During the Preonset Phase of the West African Monsoon in 2006	
	P6B.9	P. BONGIOANNINI CERLINI	Perturbed surface conditions in a CRM to study convective variability	
	P6B.10	C. DUROURE, V. GIRAUD and D. BOUNIOL	In-situ statistical validation of airborne radar reflectivity measurements during the AMMA2006 experiment. Importance of the local hydrometeor growth processes and the particle size distribution variability	
	P6B.11	E. ORLANDI, F. FIERLI	MCS numerical simulations with assimilation of satellite data	
	P6B.12	F. COUVREUX, F. GUICHARD, M. LOTHON, F. SAID	BOUNDARY-LAYER STRUCTURES AND BUDGETS DURING A PULSATION OF THE MONSOON	
	P6B.13	F. GUICHARD, C. PEUGEOT, O. BOCK, J.L. REDELSPERGER, N. ASENCIO, A. BOONE, F. CHOPIN, X. CUI, M. GARVERT, S. JONES, J.P. LAFORE, B. LAMPTÉY, K. RAMAGE, E. ORLANDI, J. SANDERS	Mesoscale simulations of MCSs: intercomparison of precipitation and surface evapotranspiration fields for the 27-28 August 2005 case study	
	P6B.14	G. GASTINEAU, S. BIELLI, A. DEME and R. ROCA	Water vapor transport during monsoon 2006 over West Africa: Vertical decomposition	
	P6B.15	M. LE LAY, G.M. SAULNIER, S. GALLE, Ch. PEUGEOT, L. SEGUI	MODELLING THE MESOSCALE WATER CYCLE ON THE BENIN AMMA-CATCH WINDOW	

Time	P6B: Water Cycle and Surface-Atmosphere Feedbacks		Chair : A Gaye
15:30 - 17:30	#	Author(s)	Title
	P6B.16	N. VIGAUD, Y. RICHARD, M. ROUAULT and N. FAUCHEREAU	Variations in the intensity of the westerly monsoon-like flow from the tropical Atlantic and summer rainfall over equatorial and tropical southern Africa
	P6B.17	R. MEYNADIER, O. BOCK, F. GUICHARD, P. ROUCOU	Intercomparison of water budgets from NWP model (re-)analyses and observational datasets during AMMA-EOP
	P6B.18	O. BOCK, F. GUICHARD, R. MEYNADIER, J.-P. LAFORE, S. JANICOT and M.N. BOUIN	Diurnal cycle of precipitable water vapour observed by GPS over West Africa and its link with convection and precipitation
	P6B.19	S. BIELLI and R. ROCA	Water vapour transport during monsoon 2006 over West Africa: Scale decomposition and links with precipitation
	P6B.20	V. KLAUS	Contribution of VHF and UHF radar to humidity measurements at Nangatchori (Benin)
	P6B.21	H. BROGNEZ, R. ROCA, C. LEWAITRE, L. PICON	A study of the relationship between Free Tropospheric Humidity and cloudiness during AMMA using Meteosat Second Generation

Time	P6C: Ocean II		Chairs : M Jochum, C Eden
15:30 - 17:30	#	Author(s)	Title
	P6C.1	B. A. SOW, P. MARCHESIELLO et C. ROY	SST impacts on coastal winds along senegalese coasts
	P6C.2	H. GIORDANI, D. BOURRAS, E. KEY and G. CANIAUX	The Marine Atmospheric Boundary Layer during EGE: How does it work?
	P6C.3	M. DENGLER, B. BOURLES, J. SCHAFSTALL, J. G. FISCHER, P. BRANDT and J. TOOLE	Upper ocean diapycnal heat flux and mixing processes in the central and eastern tropical Atlantic
	P6C.4	R. DJIMAN, A.K.ARMAM, P. ASSAMOI, A. BLIVI, B. BOURLES, R. FOLORUNSHO, C. MAHAN, D. OCHOU and A. AMAN	Regional program in physical oceanography in West Africa (Gulf of Guinea)
	P6C.5	M. WADE, G. CANIAUX, Y. DUPENHOAT, B. BOURLES, D. BOURRAS, R. CHUCHLA, M. DENGLER, H. GIORDANI, Y. GOURIOU, E. KEY, D. LEGAIN, F. MARIN, P. MINNETT, A. SUBRAMANIAN	Analysis of the oceanic diurnal cycle at the PIRATA sites using a 1D model and AMMA/EGEE3 observations
	P6C.6	F. MARIN, L. H. AYINA, B. BOURLES and G. CANIAUX	Seasonal evolution of the equatorial cold tongue in the Tropical Atlantic in 2005-2007
	P6C.7	G. ATHIE, A. M. TREGUIER, F. MARIN and B. BOURLES	Intra-seasonal variability in the upper layers of the Tropical Atlantic ocean from sensitivity numerical simulations forced by different Wind fields.
	P6C.8	G. ATHIE, F. MARIN and B. BOURLES	Spatial structure of intra-seasonal variability in the Tropical Atlantic

Time	P6D: Aerosols, Radiation and Gas Phases		Chair : B Vogel
15:30 - 17:30	#	Author(s)	Title
	P6D.1	E. WILLIAMS, W. BALSAM, B. ELLWOOD, E. HICKS, F. OLDFIELD, J. PROSPERO, R. ARIMOTO, S. HUANG, C. THORN-CROFT	Dusty Gusts and Rusty Dust: The Role of Iron in the Contrast in Physical Properties of Surface Soil between Sahara and Sahel
	P6D.2	R. GUILLON, A. TOURE, D. SEBAG, J.L. RAJOT, Z. GARBA et C. PETIT	Impact of human activities on Aeolian erosion since late Holocene in south-western Niger
	P6D.3	A. TOURE A., J.-L. RAJOT, Z. GARBA, Z. ALFARI, M. ALIKO, B. MARTICORENA	Wind erosion in the Sahel: towards a new dust bowl?
	P6D.4	M. SOW, J.L. RAJOT, S.C. ALFARO and B. MARTICORENA	On-field measurements of size resolved dust emission flux in Niger during AMMA
	P6D.5	P. FORMENTI, J. L. RAJOT, B. MARTICORENA, K. DESBOEUF, A. ZAKOU, E. JOURNET, N. GRAND, N. MOUGET, S. CHEVALLIER, S. CAQUINEAU, A. GAUDICHET, B. CHATENET, S. ALFARO, G. BERGAMETTI, M. MAILLE, M. SOW, B. LAURENT, S. TRIQUET, J.M. VELAY, K. HUNGERSHOFER, C. CHOU, P. AUSSET, G. DI DONFRANCESCO, F. CAIRO, F. FIERLI, B. HEESE, D. TANRE, S. OSBORNE, J. HAYWOOD	PROPERTIES OF AEROLS IN THE WEST AFRICAN DRY AND WET SEASONS: RESULTS FROM THE GROUND-BASED AND AIRBORNE MEASUREMENTS FROM THE AMMA CAMPAIGNS
	P6D.6	V. PONT, M. MALLET, C. GALLY LACAUX, C. LIOUSSE, A. MARISCAL, E. GARDRAT, P. CASTERA, A. AKPO, R. ZOUZOU, V. YOBoue, D. LAOULI, S. LANOE, L. GOMES, P. MASCLLET, M.H. PERTUISOT	Chemical, micro physical and optical properties of the mixing of the aerosol in Northern Benin during dry and wet IOP
	P6D.7	O.CAVALIERI, F.CAIRO, B.CHATENET, G.DI DONFRANCESCO, F. FIERLI, P. FORMENTI, B.MARTICORENA, J.L. RAJOT	Aerosol measurements from the microlidar stations in Niger, Mali, Senegal
	P6D.8	C. GALLY, C. LIOUSSE, M. MALLET, V. PONT, L. DUNGALL, L. SIGHA, V. YOBoue, E. GARDRAT, P. CASTERA, M. OUJAO, A. MARISCAL, D. SERCA, A. POIRSON, A. AKPO, H. CAQUIER, L. BLAREL and I. JAN-KOWIAK	LOP and EOP Ground-based Measurements: Characterization of Physico-chemical properties of the African Aerosol
	P6D.9	A. MATSUKI, A. SCHWARZENBOECK, H. VENZAC, P. LAJ, O. LAURENT, G. MOMBOSSE, S. CRUMIEYROLLE, L. GOMES and T. BOURRIANNE	Mixing states and hygroscopicity of aerosol particles in West Africa: Based on AMMA aircraft campaign in summer 2006
	P6D.10	F. SOLMON, A. KONARE, M. MALLET, B. GUILLAUME, S. IBRAH and C. LIOUSSE	Regional climatic impact of anthropogenic aerosol over West Africa

Time	#	Author(s)	Title	Chair : B Vogel
15:30 - 17:30	P6D.11	Y. GORAN	SOLAR RADIATION ASSESSMENT FROM METEOSAT IMAGE DATA PROCESSING	
	P6D.12	K. DESBOEUF, E. JOURNET, S. TRIQUET, P. FORMENTI and J.-L. RAJOT	What are the aerosols implying in the formation of precipitating cloud at Sahel?	
	P6D.13	K. CRAHAN KAKU, P. TULET and L. GOMES	An examination of the relative importance of removal processes of dust aerosols within a mesoscale convective system observed during the AMMA field campaign	
	P6D.14	K. HUNGERSHOEFFER, P. FORMENTI, J.L. RAJOT, K. DESBOEUF, S. C. ALFARO, C. CHOU, S. CAQUINEAU and K. DJABAKU	Closure studies of the aerosol optical properties at Banizoumbou during SOP-0	
	P6D.15	M. MALLET, P. TULET, V. PONT, J. PELON, C. LIOUSSE and P. GOLOUB	Characterization of optical properties, vertical profiles and direct radiative forcing of an intense dust event over the West Africa region from in-situ observations and modelling (AMMA program)	
	P6D.16	C. MEZOUE ADIANG, D. MON-KAM	Détermination des Concentrations des Polluants Emiss par les Automobiles au Centre Urbain à Douala au Cameroun	
	P6D.17	A. M. AGHEDO, J. FEICHTER, S. RAST, D. SERÇA, F. DULAC, J.-E. SAXTON, A. C. LEWIS, J. G. MURPHY, G. P. MILLS, C. E. REEVES, D. E. ORAM, A. GUENTHER and C. WIEDINMYER	The sensitivity of African trace species to diurnal variation in emissions from vegetation: a model study	
	P6D.18	D. STEWART, C. REEVES and C. TAYLOR	Biogenic Emissions of NOx from Recently Wetted Soils in West Africa Observed During AMMA	
	P6D.19	D. ROBINSON, B. GOSTLOW, L. M. O'BRIEN, N. R. P. HARRIS and J. A. PYLE	Lower tropospheric halocarbon measurements over Cape Verde in May / June 2007: observations and interpretation	
	P6D.20	F. GUICHARD, L. KERGOAT, O. BOCK, F. TIMOUK and E. MOUGIN	Variability of the daytime sahelian boundary layer sampled at Agoufou via tethered balloon and kite flights in August 2006	
	P6D.21	R. COMMANE, C. FLOQUET, T. INGHAM, D. HEARD, M. EVANS	HOx measurements over West Africa during AMMA	
	P6D.22	P. S. MONKS, D. M. BROOKES, A. E. PARKER	Airborne Measurements of Peroxy Radicals (HO ₂ + ΣRO ₂) and the photolysis rates of O ₃ and NO ₂ during AMMA	
	P6D.23	D. KARTAL, M.D. AANDRESEN, L. REICHERT, and J.P. BURROWS	Peroxyradical observations over West Africa. Part I: measurements on board the D-Falcon	
	P6D.24	M.D. ANDRES-HERNANDEZ, D. KARTAL, L. REICHERT and J.P. BURROWS	Peroxyradical observations over West Africa. Part II: Vertical distribution measured during the SOP2	
	P6D.25	E. REAL, K. LAW, S. BORRMANN, A. GARNIER, F. CAIRO, F. FERLI, E. ORLANDI, H. SCHLAGER, M. VOLK and A. MINIKIN and AMMA M55/DLR Science Teams	Analyses of upper troposphere trace gases and aerosols measurements over West Africa during summer 2006	

Time	#	Author(s)	Title	Chair : B Vogel
15:30 - 17:30	P6D.26	G. ANCELLET, C. MARI, A. KIKUI and Ph. NEDELEC	Peroxide, ozone, carbon monoxide and water vapour variability observed by the French Falcon during the AMMA campaign	
	P6D.27	M. SAUNOIS, V. THOURET, C. MARI, L. CORRE, J. PICART, A. MARISCAL, P. NEDELEC, A. MINGA, A. SOLETE, D. AGBANGLA	Characterisation of air masses over Cotonou during the wet season. Influence of biomass burning and local pollution.	
	P6D.28	X. YANG and J. PYLE	Comparisons of modeled chemical compounds with flight-measurements over West Africa during AMMA SOP campaign	
	P6D.29	C. E. REEVES, M. SAUNOIS, C. MARI, J. G. MURPHY, D. J. STEWART, G. P. MILLS, D. E. ORAM	The Distribution of Tropospheric Ozone during the West African Monsoon and its Relationship to Photochemical Relevant Tracers	
	P6D.30	H. HÖLLER and E. HOUNGNI-NOU	Lightning Characteristics in W-Africa during the AMMA Monsoon Season of 2006	
	P6D.31	E. D. RIVIERE, V. MARECAL, X. LIU, S. FREITAS, K. LONGO, G. DURRY	Mesoscale modelling of the observational case of August 22-23 of SCOUT-AMMA : Impact of convection on the TTL structure, H ₂ O and CH ₄ budget	
	P6D.32	M. SAUNOIS, C. MARI, V. THOURET, J.-P. CAMMAS, P. PEYRILLE, J.-P. LAFORE, B. SAUVAGE, A. VOLZ-THOMAS, P. NEDELEC and J.-P. PINTY	The meridional gradient of tropospheric ozone over West Africa investigated through an idealized two-dimensional approach	
	P6D.33	V.-H. PEUCH, B. BARRET, B. JOSSE, C. MARI, J.-L. ATTIE, J.P. CAMMAS, D. KACZKA, E. LEFLOCHMOEN, M. MARTET, P. MOINAT, P. NEDELEC, P. RICAUD, M. SAUNOIS et V. THOURRET	2006 AMMA SOPs simulated with the multiscale CTM MOCAGE	
	P6D.34	C. GALY	Long Term Precipitation Chemistry and Wet Deposition in a Remote Dry Savanna Site in Africa (Niger)	
	P6D.35	B. HEESE	Vertical aerosol profiles from Raman-depolarization lidar observations during the dry season AMMA field campaign SPO-0	

Thursday, 29 November 2007

Plenary Session 7: Climate Impacts

Time	#	Author(s)	Title	Chair : J Polcher
08:30	7.1	L. Fleury	AMMA Data base	
	7.2	H.-P. THAMM	IMPETUS-Atlas	
08:50	7.3	A. KRÜGER, K. BORN, P. LUDWIG and M. KERSCHGENS	Scenarios of the Spatiotemporal Variability of Precipitation on Regional to Local Scale	
09:10	7.4	L. KENGINI, A. N. MBOUSSOP, P. TEMATIO and C. M. TANKOU	Rainfall variability and its consequences on agricultural seasons	
09:30	7.5	C. FEAU, M. HOULES, G. LAINE, D. LO SEEN and C. BARON	Spatial and temporal indicators for identifying the cultivated domain in the Sudano-Sahelian environment	
09:50	7.6	D. DABI	Impact of Climate Change on Livelihood of Poor Rural Households in the West African Sahel	
10:10	7.7	O. MERTZ, C. MBOW, A. REENBERG, A. DIOUF	Farmer's perceptions of climate change and agricultural adaptation strategies in rural Sahel	
10:30			Break	
11:00	7.8	A. MORSE, X. CUI, C. LLOYD and D. RAMIER	Mosquito scale microclimates to global models - in a few short steps...	
11:20	7.9	B. AUGEREAU, H. WAC-PON, J.-C. BERGÈS, C. KERNAGEL, S. PHILIP-MERING	Interactions between dust clouds and meningitis in Mali	
11:40	7.10	A. O. ELUDUYIN, O. M. AKINBODE and O. A. EDIANG	Challenges of River Basin Information System (RBIS) as a Framework for the Assessment and Monitoring of Surface Water in Nigeria	
12:00	7.11	A. KANE, A. NIANG FALL	Climatic vulnerability and its consequences on Senegal River flow	

Parallel sessions

8A: Convection				
Time	#	Author(s)	Title	Chair : JP Lafore
14:00	8A.1	B. POSPICHAL, D. BOUKARAM, S. CREWELL, C. FLAMANT	Observations and model simulations of the diurnal cycle of the Inter-Tropical Discontinuity (ITD) in Djougou and Niamey	
14:15	8A.2	S. BASTIN, P. DROBINSKI, C. BASDEVANT, B. SULTAN, S. JANICOT, N. VERDIER, A. VARGAS	Towards a better understanding of the small-scale monsoon flow dynamics and evaluation of its representation in ECMWF analyses using the constant volume balloons and numerical simulations	
14:30	8A.3	S. MELANI, A. ANTONIONI, V. LEVIZZANI, R. GINETTI, M. PASQUI, A. ORTOLANI, A.G. LAING, R.E. CARBONE	A four-years (2004-2007) climatology of West African precipitation episodes as derived from a combined IR/MW rainfall estimate technique	
14:45	8A.4	L. BESSON, Y. LEMAITRE and A. PROTAT	Convective systems and Monsoon Dynamics	
15:00	8A.5	J.-P. CHABOUREAU and F. ROUX	A cloud-resolving simulation of a long-lived African squall line: role of mesoscale convective vortices and impact on the stratosphere	
15:15	8A.6	G. SCIALOM, R. EVARISTO, Y. LEMAITRE and N. VILTARD	Overview of the AMMA SOP by means of the VAD analysis applied to the RONSARD radar data	
15:30 - 17:45			Poster session and Coffee break	
17:45	8A.7	R. EVARISTO, G. SCIALOM, Y. LEMAITRE and N. VILTARD	The 28th July precipitating event observed by Doppler, dual polarimetric radar	
18:00	8A.8	T. NOEL	Microphysics and dynamics in the squall line	
18:15 - 18:30			Discussion	

8B: Land Surface Modelling and Remote Sensing				
Time	#	Author(s)	Title	Chair : A Boone
14:00	8B.1	P. DE ROSNAY, A. BOONE, M. DRUSCH, T. HOLMES, J.-P. WIGNERON, G. BAL-SAMO, T. PELLARIN and the ALMIP Working Group	Modelling approach for remote sensing validation of ALMIP soil moisture products. The AMMA Land surface Models Inter-comparison Project - Microwave Emission Model (ALMIP-MEM)	
14:15	8B.2	R. LACAZE	Surface satellites products provided by the POSTEL Service Centre to AMMA project	
14:30	8B.3	T. SCHMUGGE	Determination of the land surface emissivity in the 8 - 12 μ m window using ASTER data for the AMMA site in Mali	
14:45	8B.4	B. LACAZE	The use of Meteosat Second Generation (MSG) data for real-time vegetation monitoring in West Africa	
15:00	8B.5	A. ZANNOU, C. PEUGEOT, M. LE LAY, G.M. SAULNIER	Impact de l'origine des données de forçage utilisées sur la variabilité des ressources en eau simulée par modélisation hydrologique (observations, produits satellites, produits de modèles). Cas d'étude sur le bassin de l'Ouémé Supérieur.	
15:15			Introduction to Poster presentation (10 Posters)	
15:30 - 18:30			Poster session and Coffee break	

8C: Air-Sea Coupling, SST and Ocean mixed Layer Heat Budget			Chairs : G Foltz, P Brandt	
Time	#	Author(s)	Title	
14:00	8C.1	G. CANIAUX, B. BOURLES, F. MARIN, E. KEY and H. GIORDANI	Cause of strong SST differences in 2005 and 2006 in the Gulf of Guinea	
14:15	8C.2	A.-C. PETER	Oceanic Mixed Layer Temperature Variability in the Eastern Equatorial Atlantic	
14:30	8C.3	R. LUMPKIN, G. FOLTZ and M. J. MCPHADEN	Intraseasonal to seasonal upper ocean heat variations at 4N, 23W	
14:45	8C.4	W.-P. BREUGEM, P. CHANG, C.-J. JANG, J. MIGNOT, W. HAZELEGER	Barrier layers and tropical Atlantic SST biases in coupled GCMs	
15:00	8C.5	B. BOURLES, A. J. BUSA-LACCHI, E. CAMPOS, F. HERNANDEZ, R. LUMPKIN, M. J. MCPHADEN, A. DIVINO MOURA, P. NOBRE, S. PLANTON, J. SERVAIN, J. TROTTE, L. YU and M. ARAUJO	The PIRATA Program: History, Accomplishments, and Future Directions	
15:15	8C.6	M. ROUAULT, J. SERVAIN, C. REASON, B. BOURLES, A. LAZAR, N. FAUCHE-REAU	The extension of PIRATA in the Tropical South East Atlantic: A first one-year successful experiment	
15:30	8C.7	G. KOUADIO, N. METZL, C. BRUNET	New distributions of carbon parameters during boreal summer in Gulf Guinea from cruise EGEE1	
15:45	8C.8	H. GIORDANI and G. CANIAUX	Implementation of a Limited Area Oceanic Model in the Gulf of Guinea	
16:00 - 17:00			Poster session and Coffee break	
17:00	8C.10	C. W. FAIRALL, D. WOLFE, S. PEZOA, L. BARITEAU	Ship-based Observations of Air-sea interaction in the Northeast Tropical Atlantic during AMMA	
17:15	8C.11	G. CANIAUX, F. GUICHARD, D. BOURRAS, E. KEY, H. GIORDANI and B. BOURLES	Evaluation of sea surface flux fields from NWP models in the Gulf of Guinea	
17:30	8C.12	D. BOURRAS, G. CANIAUX, A. WEILL, L. EYMARD, E. KEY	Air-Sea Turbulent fluxes during EGEE3	
17:45	8C.13	S. MARULLO	Analysis of ocean surface heat fluxes for the Special Observing Period of the AMMA project using numerical weather prediction models and O&SI SAF data in the Atlantic Ocean	
18:00			Discussion	

8D: Health and Data / Methods			Chairs : S Danuor, JL Duchemin	
Time	#	Author(s)	Title	
14:00	8D.1	S. LOUVET, N. DIAGNE, C. BOUDIN, C. ROGIER, B. FONTAINE, D. FONTE-NILLE, J.-F. TRAPE	Abundance of main vectors of malaria and climatic factors: the case of Ndop and Dielmo villages (Sine Saloum, Senegal)	
14:15	8D.2	M. GERBAUX, D. BICOULT, N. DESSAY, P. ROUCOUT	Relationship between climate and mosquito development in the Sahel	
14:30	8D.3	M. MBAYE, G. MAHE, E. SERVAT, R. LAGANIER, S. BIGOT, O. DIOP	Effets de la variabilité climatique sur le paludisme dans le faubourg de SOR a Saint-Louis (Senegal)	
14:45	8D.4	V. ERMERT, A. H. FINK, A. P. MORSE, A.. E. JONES	Risk assessment with regard to the occurrence of malaria in Africa under the influence of the observed and future climate change	
15:00	8D.5	A. BOMBLIES, E. ELTAHIR, A. SPIELMAN, J.-B. DUCHEMIN	Simulation of Interannual Climate Variability Effects on Malaria Transmission in the Niger Sahel	
15:15			Introduction to Poster presentation (16 Posters)	
15:30 - 17:45			Poster session and Coffee break	
17:45	8D.6	N. MARTINY and B. FONTAINE	About the potential role of dust aerosols on the meningitis disease in Western Africa	
18:00	8D.7	C M.F KEBE, J.-A. NDIONE, M. DIALLO, J.-P. LACAUX et Y.M. TOURRE	Fine local analysis of rainfall over Barkedji area in Senegal: Application to Rift valley Fever transmission	
18:15	8D.8	B. NGOUNOU NGATCHA, D. SEBAG, G. FAVREAU, N. MASSEI, B. LAIGNEL, A. DURAND, P. GENTHON and J. MUDRY	Historical data as a tool to investigate the impact of climate changes within the Tsanaga drainage basin in the Lake Chad basin, Central Africa	
18:30	8D.9	B. TOULOUSE, C. MERING, B. SULTAN	Analysis of recent climatic impacts on the Sahelian savannah by Remote Sensing	

Poster sessions

Time	#	Author(s)	Title	Chair : A Boone
15:30 - 17:30	P8B.1	A. NØRGAARD, S. STISEN, I. SANDHOLT	Improved distributed SVAT modelling using remotely sensed data with high temporal resolution	
	P8B.2	C. GRUHIER, P. DE ROSNAY, L. KERGOAT, P. RICHARME, Y. KERR, E. MOUGIN, F. TIMOUK	Evaluation of AMSR-E soil moisture and vegetation water content products based on ground soil moisture network measurement in Mali	
	P8B.3	C. REVILLET and Y. LEMAITRE	Water and Energy budget from numerical simulation : sensitivity to initial fields	
	P8B.4	D.CARRER, J.-L. ROUJEAN, O. HAUTECOEUR, B.GEIGER, C. MEUREY	Operational derivation of surface albedo and downwelling short-wave radiation based on MSG observations in the frame of the SAF programme on Land Surface Analysis	
	P8B.5	M. TANGUY, A. BAILLE, M. GONZALEZ-REAL, I. IZAGUIRRE, V. MARTINEZ	EVALUATION OF ET- RETRIEVAL ALGORITHMS AND APPLICATION TO ET SPATIALIZATION WITH MODIS IMAGERY AT A SUB-SAHELIAN SITE (BONTIOLI, BURKINA FASO)	
	P8B.6	M. ZRIBI, C. ANDRE, M. PARDE, B. DECHARME, T. PELLARIN and L. DESCROIX	Low resolution soil moisture mapping in Western Africa with ERS Scatterometer	
	P8B.7	P. P. HARRIS, C. M. TAYLOR	Assimilation of MSG land-surface temperature into land-surface model simulations to constrain estimates of surface energy budget in West Africa	
	P8B.8	S. SAUX-PICART, C. OTTLE, B. DECHARME, B. COUDERT, M. ZRIBI, A. PERRIER, B. CAPPELLAERE, N. BOULAIN, D. RAMIER	Land surface processes modelisation of the AMMA-Niger supersite using remote sensing data	
	P8B.9	C. OTTLE, C. ANDRE, M. ZRIBI, S. SAUX-PICART, N. BOULAIN, B. CAPPELLAERE, J.-L. RAJOT, L. DESCROIX	Land cover evolution over the Niger Supersite between 1986 and 2006 from SPOT-HRV data	
	P8B.10	F. BAUP, E. MOUGIN, P. DE ROSNAY, P. HIERNAUX	Mapping surface soil moisture over the Mali mesoscale window by using ENVISAT ASAR data	

Time	#	Author(s)	Title	Chairs : S Danuor, JL Duchemin
15:30 - 17:30	P8D.1	M. BELLA-MEDIO, B. SULTAN, A. BERG, E. BLANC and P. QUIRON	The role of climate in cotton yields in West Africa	
	P8D.2	P. LAUX, H. KUNSTMANN, A. BARDOSSY	Stochastic rainfall simulation for the rainy season of the Volta basin in West Africa using ECHAM5 scenarios	
	P8D.3	D.N.FAKA, TCHIPINDU, J.M. BECKERS	Statistical Downscaling of Seasonal Rainfall Forecast in Daily Time Scale: A Study Case of Western Part of Democratic Republic of Congo	
	P8D.4	S.C. K. TAY, S. K. DANUOR, E. K. FORKJO, K. M. BOSOMPEM, V. ANTWI and T. ANNOR	Investigation of the impacts of climate variability on malaria incidence and prevalence in the forest and savannah zones of Ghana	
	P8D.5	N. NATHOU, E. WILLIAMS, M. BARKE, O. ALLAHI, D.S. BOUBACAR, A. MAHAWADOU, G. WILLIAMS, A. DIEDHIOU and C. KANE	Spatial and Temporal Variations in Malaria Incidence in Niamey, Niger	
	P8D.6	C. H. DIAKITE	Adaptation des activités économiques face aux changements climatiques	
	P8D.7	P. DODDS	Farming the Sahel: A crop model to examine farmer adaptation options	
	P8D.8	H. DIA	State and society in front of climate change in Mali: some political answer to local difficulty in adapting national policy tools	
	P8D.9	K. GNANDI	The Biomass as Source of Energy in Developing Countries and its Impact on Climate Change and Water Cycle: The Situation in Togo	
	P8D.10	K. R. AYADIANI	SEVERE STORMS UPSHOTS: THE AFRICA SOCIAL, ECONOMIC AND CULTURAL SITUATIONS	
	P8D.11	F. GANGNERON, H. DIA	Social dynamic of water resources : the case of Hombori territory, malian Gourma	
	P8D.12	Z. MALICK, B. BARBIER, H. KARAMBIRI, H. YACOUBA	Climate Variability and population vulnerability in the Sahel: farmers' evaluation of mitigation strategies and policies	
	P8D.13	K. EDJAME	La Mousson et la sécurité alimentaire en Afrique de l'Ouest: le cas du Togo	
	P8D.14	C. G. ETENE, S. NDJENDOLE et M. BOKO	Evenements pluvieux extremes et adaptation aux risques d'erosion dans la ville de Porto-Novo, Benin	
	P8D.15	J. ASSAN	Environmental challenges and livelihood diversification in Southern Ghana	
	P8D.16	A. SALISSOU, J. ISABELLE, A. MARTIN	Adaptation des anophèles vecteurs du paludisme aux variations saisonnières dans la région de Niamey au Niger	

Friday, 30 November 2007

Parallel sessions

Time	#	Author(s)	Title	Chair : C Mari
08:30	9A.1	S. CRUMEYROLLE, L. GOMES and P. TULET	The impact of the mesoscale convective systems (MCS) on aerosol physical and chemical properties, focusing on hygroscopicity, during the AMMA campaign	
08:45	9A.2	J.-P. CHABOUREAU, P. TULET and C. MARI	Diurnal cycle of dust and cirrus over West Africa as seen from Meteosat Second Generation satellite and a regional forecast model	
09:00	9A.3	C. DELON, D. SERCA, C. REEVES, D. STEWART, R. DUPONT, C. MARI, J.-P. CHABOUREAU	IMPACT OF NO EMISSIONS FROM SOILS ON TROPOSPHERIC OZONE FORMATION IN 2006 WET SEASON	
09:15	9A.4	M. SAUNOIS, C. E. REEVES, C. MARI, J. G. MURPHY, D. J. STEWART, G. P. MILLS, D. E. ORAM	An Idealised Two-Dimensional Approach to the Study of the Ozone Budget of the Lower Troposphere during the West African Monsoon	
09:30	9A.5	I. BOUARAR, K. LAW, M. PHAM, F. HOURDIN, S. SZOPA, P. NEDELEC, C. JAMBERT, P. PERROS, F. CAIRO, F. RAVEGNANI, S. VICIANI, P. MAZZINGHI, H. SCHLAGER	Evaluation of The LMDzINCA Chemistry Climate Model during summer 2006	
09:45	9A.6	G. CAPES, H. COE, J. CROSIER, P. J. WILLIAMS, J. MURPHY, D. STEWART, C. REEVES, D. PARKER and M. PICKERING	Airborne aerosol measurements over West Africa during the AMMA SOP 1 and 2 field campaign	
10:00	9A.7	P. FLAMENT, K. DEBOUJT, X. MERIAUX, M. CHOEL, L. AIMOZ, V. CORNILLE, H. CACHIER and B. CHATENET	Physico-chemical characterisation of aerosol at M V. CORNILLE, H. CACHIER and sampling experiments	
10:15	9A.8	C. FLAMANT, C. LAVAYSE, J.-P. CHABOUREAU, M. TODD, S. CRUMEYROLLE, C. GALLY, LACAUX, M. GOSSET and J. PELON	Multi-platform observations of a representative springtime case of Bodélé and Sudan dust emission, transport and scavenging over West Africa	
10:30			Coffee break	
11:00	9A.9	B. BARRET, E. LEFLOCHMOEN, V.-H. PELUCH, C. MARI, B. JOSSE, J.-L. ATTIE, P. RICAUD, V. THOURET, J.-P. CAMMIAS and M. MARTET	Impact of NOx production by lightning over the O3 distribution in the UT over Africa during the monsoon: a study with the MOCAGE Chemistry Transport and Model	
11:15	9A.10	J. BECHARA, A. BORRON, C. JAMBERT, P. MADEC and P.E. PERROS	Airborne Measurements of Trace Organic Species in the Upper Troposphere over Western Africa: the Impact of Deep Convection on tropospheric chemistry	
11:35	9A.11	C. KEIM, C.E. BLOW, T. GULDE and C. PIESCH	Trace gas profiles measured by MIPAS-STR during SCOUT-AMMA	
11:45	9A.12	A. MINIKIN, T. HAMBURGER, H. SCHLAGER and A. PETZOLD	Aircraft observations of aerosol removal and evolution in the outflow of mesoscale convective systems in West Africa during the monsoon season in August 2006	

9B: Evaluation of Models used for Weather and Climate Prediction

Time	#	Author(s)	Title	Chairs : Y Xue, F Hourdin
08:30	9B.1	S. MILTON, M. BROOKS and G. GREED	Numerical Weather Prediction over West Africa during 2006 - A Review of AMMA Modelling Activities at the UK Met Office	
08:45	9B.2		Verification of the AMMA Special Observation Period Forecasts During Summer 2006 Over Selected Stations	
09:00	9B.3	H. HAMA and A. KAMGA F. W. M. THIAW, A. NARH, M. KAMARA, R. ZAABOUL and V. B. KUMAR	The West African monsoon season during 2007 as depicted by NCEP models	
09:15	9B.4	G. J. BERRY, C. D. THORN-CROFT, A. AGUSTI-PANAREDA, J. T. HEMING and W. M. THIAW	Analysis and comparison of synoptic features in analyses and forecasts from global centres	
09:30	9B.5	N. SÖHNE, J.-P. CHABOUREAU and F. GUICHARD	Forecast verification of cloud cover with satellite observation over West Africa	
09:45	9B.6	R. ROEHRIG, J.-Y. GRANDPEIX, J.-P. LAFORE	Coupling between density currents, deep convection and surface fluxes over West Africa as simulated by the LMDZ4 GCM	
10:00	9B.7	H. PAETH	ENSEMBLES OF HIGH-RESOLUTION CLIMATE CHANGE SIMULATIONS OVER AFRICA INCLUDING GREENHOUSE FORCING AND LAND DEGRADATION	
10:15	9B.8	C. NJAMBE FILS, D. MONKAM	Prédiction Empirique des Pluies de Mousson à Douala au Cameroun	
10:30			Coffee break	
11:00	9B.9	P. LAMB, A. BEN MOHAMED, M. MILLER, I. SEIDOU SANDA, H. HAMA and A. A. ABDOU ADAM	Analysis of the AMF 2006 Niamey radiosonde data : some preliminary results	
11:15 - 12:00			Discussion	

9C: Water Resources and Downscaling

Time	#	Author(s)	Title	Chairs : S Sambou, N Hall
08:30	9C.1	C. RUFIN NGUMALET, S. NDJENDOLE et D. ORANGE	Impact of climatic péjoration on the Papi river flow at Ouadda, upper sandstone plateau of the Kotto river in Central African Republic	
08:45	9C.2	F. OUALA GAHOUA KANIKA	Influence Climatic Change on the Quality of Water	
09:00	9C.3	Nadjil TELLO WAI	Les Ressources en Eau du Bassin Supérieur du Logone (Tchad - Cameroun et RCA) en liaison avec la Variabilité Climatique de 1961 à 1990	
09:15	9C.4	R. GNAN-KOUASSI, H. YACOUBA, H. KARAMBIRI, P. DIELELO, G. MAHE, J.-E. PATUREL	Impacts of climate change on water resources in the Nakambe basin (Burkina Faso)	
09:30	9C.5	A.O ELUDOYIN, A.M. AKINBODE, O. A. EDIANG	Combating Flood Crisis with Geographic Information System (GIS): An Example from Akure, Southwest Nigeria	
09:45	9C.6	E. E. AGO	ANALYSE DES RECENTES INONDATIONS A L'AYAL DU FLEUVE MONO ET IMPACTS DU BARRAGE HYDROELECTRIQUE DE NANGBETO AU TOGO ET AU BENIN	

9C: Water Resources and Downscaling

Time	#	Author(s)	Title	Chairs : S Sambou, N Hall
10:00	9C.7	D. KUITCHA, G. LIENOU, V. KAMGANG KABEYENE BEYALA, L. SIGHA NKAM-JOU, G. E. EKODECK	VULNERABILITE DES RESSOURCES EN EAU DE LA VILLE DE YAOUNDE : CAS DU BASSIN AMONT DU MFOUNDI	
10:15	9C.8	A. ALI, T. LEBEL, A. AMANI and S. IBRAHIMA	Rainfall downscaling in the Sahel: A Markov Chain approach	
10:30			Coffee break	
11:00	9C.9	E. VANVYVE, N. HALL, C. MESSAGER and S. LEROUX	On the limits of confidence in small scale information derived from regional climate models	
11:15	9C.10	S. M. SALL, M. L. M'BAYE et F. HOURDIN	Désagrégation de la pluie sur le Fouta Djallon en Guinée	
11:35	9C.11	S. GIERTZ and B. DIEKKRÜGER	Analysing environmental change effects on future water availability in Benin using an integrated modelling approach	
11:45			Discussion	

Plenary Session 10: Forecasting at all Scales

Time	#	Author(s)	Title	Chair : E Afesimama
13:20	10.1	Z. Mumba	AMMA Operational Forecasting Centre (AOC) During AMMA-SOP of 2006 WAM Season Lessons learnt and the future	
13:40	10.2	A.Diongue NIANG et O. NDIAYE	Evaluation of the Eta model operational at the DMN of Senegal during 2006 rainy season	
14:00	10.3	M. DIOP-KANE, M. THAW, G. SININI, D. KONE, G. KPABEBA, A. ABEBE, Z. MUMBA	FORECASTING CONVECTIVE SYSTEMS IN WEST AFRICA AND THEIR PREDICTIBILITY	
14:20	10.4	F. HOURDIN, P. RUTI, F. GUICHARD, F. FAVOT, I. MUSAT, P. MARQUET, T. LOSADA, A. DELL'AQUILA, A. TRAORE	Evaluation and intercomparison of global and regional climate models in the frame of AMMA	
14:40	10.5	A. KAMGA FOAMOUHOU and M. MIA MBAYE	Verification of operational Climate outlooks and the Hadley Centre regional climate modeling system over Chad	
15:00	10.6	Y. XUE, W. LAU, K. COOK and WAMME team	Modeling the semi-arid Sahel Climate -- West African Monsoon Modeling and Evaluation (WAMME) Initiative and its first set of experiments	
15:20			Discussion	
15:40				
16:00			End of the Conference	