

POSTERS SESSION BY SESSION

2A - Vulnerability and adaptation I & II

Po.2A.1	Out of season agriculture as an adaptation strategy to climate change in the plain of Oti (Northern Togo): Statement and consequences	K. Batawila
Po.2A.2	Vulnerability and adaptation of producer to the climate change in dry area of Burkina Faso	A. Bilgo
Po.2A.3	Agricultural diversification in municipality of Djougou: environmental and social causes, repercussions on the production system	F. Gangneron
Po.2A.4	Past climate trends: modeling, local perceptions and adaptation in Benin	C.P. Gnangle
Po.2A.5	The links between climate change risk perception and adaptation in Sub-Saharan Africa: a meta-analysis	F. Kosmowski
Po.2A.6	The effects of climate change on coffee production and adaptability assessment in Nigeria	J. Lawal
Po.2A.7	Impact of climate change on agricultural research system and its mitigation options	K. Mmobuosi
Po.2A.8	The impacts of climate change on small scale farmers and their adaptation strategies in Eastern Africa	J. Kung'u
Po.2A.9	An agro-economic model to study farm adaptation to climate change and climate variability	A. Ricome
Po.2A.10	Climate Evolution in the Prefecture of Tchaoudjo (Central Region of Togo): tendency, indicators and impacts on food production	A.G. Tchalaou
Po.2A.11	Effect of tea production on farmers' household in Taraba State, Nigeria	E. Uwagboe
Po.2A.12	Vulnerability of irrigation schemes to excess rainfall: The perimeter of Kpinnou (District of Athiémé in Benin)	I. Yabi
Po.2A.13	Rainfall variability and cotton production in "Cotton zone of Northern" (Benin, West Africa)	I. Yabi
Po.2A.14	Climatic change in Senegal: Strategies of adaptations related to the rural migration towards Dakar	G. Yanon
Po.2A.15	Analysis of the awareness, impacts and adaptation to climate change among farmers in Delta state, Nigeria	C. Mesike
Po.2A.16	Mitigating effects of climate change: Soil fertility management through organic fertilizer approach	O.E. Ayanfeoluwa
Po.2A.17	A forecasting model of peanut yields in Senegal as related to the occurrence, duration and intensity of rainfall events	M.A. Sarr
Po.2A.18	WASCAL - The West African Science Service Center on Climate Change and Adapted Land Use	P. Vlek
Po.2A.19	Building climate-resilient agricultural systems in Sub-Saharan Africa in partnership with the Africa Climate Exchange (AfClix)	R. Cornforth

2B - Monsoon system: Climate I & II

Po.2B.1	Is the February 2012 abnormal weather over West Africa due to climate change? The case of Ghana	B. Lamptey
Po.2B.2	The role of ocean monsoon variability and extreme precipitation events in Nigeria	O. Ediang
Po.2B.3	Analyzing recent climate trends in African rainfall using satellite data	R. Maidment

Po.2B.4	Comparison of NCEP/NCAR and ECMWF reanalysis data, CRU and GPCP observed data with TIGGE databases over Central Africa	G. Fouelefack Mbouna
Po.2B.5	Response of the West African monsoon to changes in the Atlantic Equatorial	T. Losada
Po.2B.6	Dipole index of the Tropical Atlantic and precipitation regime in Ivory Coast	I. Bamba
Po.2B.7	Spatial and temporal analysis of the variability at mesoscale of the Sahelian rainfall regime since the 1950's	A. Rossi
Po.2B.8	The main time-scales of precipitation variability in North Cameroon and associated changes in rainfall distribution	A. Rossi
Po.2B.9	Recent changes in the occurrence, duration and intensity of precipitation events in Senegal over the 1950-2007 period	M.A. Sarr
Po.2B.10	Association between Ethiopian rainfall variability and global climate teleconnection: Model evaluation	M.A. Degefu
Po.2B.11	Climatology investigation of surface duct conditions over Douala, Cameroon	A. Lenouo
Po.2B.12	Contribution of the AMMA and RIPIECSA programs in Research and Training in Africa: Example of LPAOSF of the ESP at the Cheikh Anta Diop University in Dakar	S.M. Sall
Po.2B.13	Development of historical meteorological data records for Ghana	D.S. Pokperlaar

2C - Monsoon system: Clouds-convection I & II

Po.2C.1	Comparative study of the West African continental, coastal and marine atmospheric profiles during the summer 2006	I.K. Kante
Po.2C.2	Analysis of oceanic surface conditions preceding the strengthening and dissipation of convective systems off West African coasts	A.L. Dieng
Po.2C.3	Extreme event analysis of 1 st September 2009 in Burkina Faso	A.A. Balde
Po.2C.4	Predictability of Sahelian heavy rainfall events during August and September 2009	A. Diongue-Niang
Po.2C.5	Impact of surface heterogeneities on convective initiation in the Sahel	A. Gounou
Po.2C.6	Impact of surface and atmospheric conditions on mesoscale convective system trajectories	T. Pellarin
Po.2C.7	Daytime initiation of deep convection in the Sahel: models versus satellite observations	F. Guichard
Po.2C.8	Solitary waves in the Sahelian daytime boundary layer: A new mechanism for secondary triggering of deep convection	A. O'Leary
Po.2C.9	Estimation of cloud radiative impacts over West Africa: seasonal and meridional patterns	O. Geoffroy
Po.2C.10	Are detailed Cloud Climatologies useful for West Africa?	M. Douglas
Po.2C.11	Microphysics in West African squall lines: space-time variability of the dominant particle type analyzed with an Xband polarimetric radar and an Hydrometeor Identification Scheme	F. Cazenave
Po.2C.12	Modeling of the diurnal cycle in the lower atmosphere over land: a joint evaluation of four contrasted regimes	F. Couvreur
Po.2C.13	Life-cycle of a local mesoscale convective system observed in Niamey as simulated by the LMDZ general circulation model	C. Rio
Po.2C.14	Characterization of the clear convective ABL and the transition processes to deep convection over semi-arid regions	D. Westra
Po.2C.15	Some observational evidence for dry soils supporting cumulus	D. Westra

	onset	
Po.2C.16	Impacts of West African deforestation on locally-generated rainfall	L. Garcia-Carreras
Po.2C.17	The Fundamentals of Weather Forecasting in West Africa	B. Orji
Po.2C.18	Challenges and its implication of West Africa monsoon prediction in a changing coastal climate: a Case in Nigeria	O. Ediang
Po.2C.19	The predictability of dry-season precipitation in Tropical West Africa	P. Knippertz
Po.2C.20	Identification of unusual weather states causing heavy areal precipitation in West Africa	J. Bliefernicht
Po.2C.21	Synoptic climatology over Senegal during the summer at two time scales	A.K. Gueye
Po.2C.22	A case of dry intrusion and anomalous sea warming over Gulf of Guinea	K. Diakaria

4A - Vulnerability and adaptation III & IV

Po.4A.1	Correlation Study on Developmental Stages in Soybean (Glycine max) and Prevailing Agro-meteorological Indices in Forest Savanna Eco-climatic Zone of Nigeria	A. Adetayo
Po.4A.2	Estimation of annual carbon sequestration by a mixed savanna under a Sudanian climate in Benin (West Africa)	E.E. Ago
Po.4A.3	Empirical Assessment of Temperature, Rainfall and Relative humidity on the population of <i>Coelaenomenodera elaeidis</i> (Coleoptera – Chrysomelidae), a pest of the Oil Palm in Nigeria	T. Aneni
Po.4A.4	Quantitative assessment of the annual fodder production at district scale from MODIS product time series and field site measurements	Y. Auda
Po.4A.5	Soil vulnerability reduction in front of water deficit through organic matter input	A. Badiane
Po.4A.6	Analysis of intra-seasonal rainfall variability in the Ferlo (Senegal), in relation with surface characteristics (vegetation)	S. Cisse
Po.4A.7	Retreat of the vegetation cover in the classified forest of Koutal: a question of climate change or anthropisation?	B. Faye
Po.4A.8	Management of the shea parklands towards climate change adaptation in Northern Benin	P.C. Gnangle
Po.4A.9	The role of breeding livestock on family vulnerability to climate and societal changes in Dantiandou, Niger	P. Hiernaux
Po.4A.10	Degradation of vegetation south of Senegal and restoration strategies for populations: the case of Rural Community Kéréwane	M.S. Keita
Po.4A.11	Monitoring straw and litter masses with MODIS during the dry season in Sahel	D. Jaques
Po.4A.12	Consumption and Conservation of Drylands' Indigenous Fruit Trees as an adaptation to climate change and variability for Rural Livelihood Improvement in Eastern Africa	J. Kung'u
Po.4A.13	Comparative study of soil organic carbon stock and loss in different crusts of cultivated and degraded surfaces in Sahelian area	S. Maïga Yaleu
Po.4A.14	Retrieving land use and cover change in the Sahel at local scale from aerial photographs of the last decades	C. Mering
Po.4A.15	Hydro-meteorological variability and adaptation of the population in the massif forest of south Cameroon	O.F. Mochive

Po.4A.16	Climate change and fire impact on vegetation dynamics in tropical savanna (Lamto, Côte d'Ivoire)	A.B. N'Dri
Po.4A.17	Vegetation monitoring from NDVI and rainfall data	J.L. San Emerito
Po.4A.18	Assessment of seasonal rainfall variability and its impact on vegetation dynamics based on Normalized Differential Vegetation Index (NDVI) in the Southern United States	C. Sohoulane Djebou
Po.4A.19	Impact of deforestation on precipitation in Central Africa	B. Sonfack
Po.4A.20	Impact of land use changes on the climate in West Africa	S. Sy

4B - Monsoon system: Water cycle & Remote sensing hydrology

Po.4B.1	Monitoring of spatial and temporal variations in water storage near an endorheic pond in the Sahel with magnetic resonance sounding and gravity measurements	M. Boucher
Po.4B.2	Annual and Seasonal energy budget variability of a fallow and a clear forest in Sudanian climate	O. Mamadou
Po.4B.3	Spatial and temporal dynamics of soil water in the root zone over different sandy sites in the Sahel	M. Grippa
Po.4B.4	Evaluation of land water storage changes over West Africa estimated by GRACE and by land surface models	M. Grippa
Po.4B.5	Improvement of surface soil moisture estimation under the Asian Monsoon climate via Ensemble Kalman Filter	J.H. Lee
Po.4B.6	Water budgets at the land surface in the monsoon system: state of the art and future challenges	C. Peugeot
Po.4B.7	Monitoring variability of vegetation in the upper Oueme basin in Benin: Comparison of LAI computed from MSG-SEVIRI, MODIS and ECOCLIMAP2	T.P.T. Do
Po.4B.8	Collapse of a tiger bush vegetation and run-off changes during a 55 years period (1955-2010) as observed by remote sensing	V. Trichon
Po.4B.9	The impact of the assimilation of SWOT satellite data into a large scale hydrological model parametrization over the Niger basin	V. Pedinotti

4C - Seasonal prediction

Po.4C.1	Seasonal Temperature Prediction Using Monthly Indices Model	V. Ituk
Po.4C.2	Impacts of the tropical Pacific/Indian oceans on the seasonal cycle of the West African monsoon	E. Mohino
Po.4C.3	Changes in the interannual SST-forced signals on West African rainfall. AGCM intercomparison	E. Mohino
Po.4C.4	The role of the oceanic background state on the Atlantic Equatorial Mode impacts	B. Rodriguez-Fonseca
Po.4C.5	Extreme rainfall in West Africa: A regional modeling	G. Panthou
Po.4C.6	An analysis of the West African Monsoon predictability	S. Materia
Po.4C.7	Integrating dynamical products into national and regional climate forecasts	M. Kilavi

4D - Monsoon system: Clouds-convection III

Po.4D.1	Exploring ongoing MetUM model issues for Africa	C. Bain
Po.4D.2	An evaluation of the Unified Model Runs of Orographic Rainfall over sub-Saharan North Africa with Observational Data	D. Finch

Po.4D.3	Sensitivity of simulations with a meso-scale model over West Africa to atmospheric boundary data, boundary layer parameterization and resolution	K. Schepanski
Po.4D.4	The GA3 systematic biases over Central Africa and their interactions with model errors in remote monsoon regions	W. Moufouma-Okia
Po.4D.5	Validation of the models of climate in West Africa	T. Diedhiou
Po.4D.6	Variability of regional and local climate from inter-annual to decadal scales using simulations from LMDZ	C. Niang
Po.4D.7	Characterization of pre-storm, stormy, and post-storm with LMDZ model and ERA-Interim reanalysis in summer 2006 in Conakry	A.A. Diallo
Po.4D.8	Representation of convective systems life cycle with the model LMDZ during the AMMA 2006 campaign	Y. Sane
Po.4D.9	Variability in precipitable water vapor in the Tropics and in West Africa from GPS observations and NWP models	O. Bock
Po.4D.10	Water Vapor Estimation over Nigeria using the Nigerian Permanent GNSS Network	J.D. Dodo

6A - Intraseasonal variability and predictability I & II

Po.6A.1	The influence of the MJO on the initiation of African Easterly waves	G. Alaka
Po.6A.2	Seasonal and intra-seasonal variability of the West African monsoon	S. Janicot
Po.6A.3	Intraseasonal variability of convection in Central Africa: analysis of a near 15-day variability mode	P.H. Kamsu Tamo
Po.6A.4	Intraseasonal atmospheric variability and its interannual modulation in Central Africa	A. Tchakoutio Sandjon
Po.6A.5	Investigating West African monsoon variability in the context of the GLACE framework	R. Comer
Po.6A.7	Toward a better grasp of monsoon in West Africa	K.S. Edjame
Po.6A.8	Characterization of the West African Heat Low using AMSU-A sounder	C. Lavaysse
Po.6A.9	10-25-day intraseasonal variability of convection over the Sahel: a role of the Saharan Heat Low and mid latitudes	R. Roehrig
Po.6A.10	Looking at vulnerability of rural households to food insecurity from two perspectives. Insights from CLICO/Niger and WASCAL/Burkina Faso	J. Kloos
Po.6A.11	Parameterizing local sorghum varieties in crop models for the development of sowing advisories to farmers of the Sudanian and Sahelian zones of West Africa	S. Traore

6B - CMIP5 I & II: Decadal variability & Climate change

Po.6B.1	Health Impact Models Intercomparison: The example of Malaria over West Africa	C. Caminade
Po.6B.2	Future changes of the West African monsoon at medium-term time horizon through a pool of CMIP3 models	P.A. Monerie
Po.6B.3	Tests of hydrological scenarii on Bani river in West Africa	J.E. Patuere
Po.6B.4	Climate impacts on vegetation productivity and water cycle over African continent: analysis of global vegetation model simulations	A.K. Traore
Po.6B.5	Uncertainty in future projections of rainfall changes over the Guinea coast and Central Africa regions from ensembles of global and regional climate models	W. Moufouma-Okia

Po.6B.6	Decadal variability of the West African monsoon in CMIP5 control run models	A.K. Gueye
Po.6B.7	Multidecadal variability of the North Atlantic in CMIP5 models and relationship with Sahelian rainfall	J. Villamayor
Po.6B.8	Sahel rainfall and decadal to multi-decadal sea surface temperature variability	E. Mohino
Po.6B.9	ESCAPE: Environmental and Social Changes in Africa: Past, present and future	B. Sultan
Po.6B.10	Evaluation of West African Monsoon processes and feedbacks: Second WAMME (West African Monsoon Modeling and Evaluation Project) Experiment	Y. Xue

6D - Monsoon system: Land surface processes

Po.6D.1	Heterotrophic respiration: what importance for two Sahelian ecosystems carbon balance?	N. Boulain
Po.6D.2	Hydrodynamic behavior of crusted soils in the Sahel: a possible cause for runoff increase?	M. Malam Abdou
Po.6D.3	Increase in runoff and erosion cause an enhancement of catchment areas in exorheic areas of the Sahel	I. Mamadou
Po.6D.4	Patches contributions to turbulent surface fluxes measured by AMMA eddy covariance stations	F. Timouk
Po.6D.5	Application of nTopAmma hydrological model to Kolondieba transboundary catchment (Bani sub-catchment in Mali)	B. Kamagate
Po.6D.6	Sap flow measurements on two contrasted woody cover in Northern Benin: new results and perspectives	B.K. Awessou

8A - Water resources and management ; Floods and extreme events

Po.8A.1	New landforms and deep infiltration in Sahelian endorheic basins	E. Le Breton
Po.8A.2	Climatic variability and its impact on the hydrological regime in the central delta of Niger	S.S. Traore
Po.8A.3	Hydro-chemical analysis and evaluation of groundwater quality in parts of Lagos, Nigeria	I. Akoteyon
Po.8A.4	Heavy metal concentration of surface water receiving industrial effluents from Oluyole Industrial Estate, Ibadan, Nigeria	A. Adetayo
Po.8A.5	Influence of human activities on the hydrological regime of the Logone River basin from 1960 to 2000	N. Tellro Waï
Po.8A.7	Climate change perception and adaptation strategies among farming/fishing households along the coastlines of the Atlantic Ocean in Nigeria	T. Apata
Po.8A.8	Impacts of the West African Monsoon system induced extreme events on urban water supplies in coastal Nigeria	J. Ezeji
Po.8A.9	Climate change and surface water resource mobilization for agricultural purposes in the Okpara Basin (West Africa)	R. Ogouwale
Po.8A.10	Analysis of the dynamics of the coastline of Benin coast	C.G.E. Degbe
Po.8A.11	The highest red flood of the Niger River ever recorded in Niamey: climate change or land use change?	L. Descroix
Po.8A.12	Predictability of high waters with conceptual model GR2M in the Zou basin in Benin (West Africa)	E. Vissin
Po.8A.13	Application of a climate and socio-economical scenarisation on a watershed in West Africa	T. Fowe

Po.8A.14 The impact of water availability and weather variations on trans-boundary water management in Africa E. Delbourg

8B - Monsoon system: Dust I & II

Po.8B.1 RAIN4DUST: a multi-observational characterisation of dust emission from alluvial sources K. Schepanski

Po.8B.2 The role of the monsoon flow for dust emission in the central Sahara: results from Bordj Mokhtar, Algeria C.J.T. Allen

Po.8B.3 Is a change in roughness length the cause of the recent decrease in Sahelian dust emission? S. Cowie

Po.8B.4 Identification of weather types in M'Bour (Senegal) and implication on the relationship between PM10 concentrations and Aerosol Optical Depths F. Kaly

Po.8B.5 Relationship between dust surface concentration (PM10) and aerosol optical depth (AOD) over the Sahel as a function of weather types H. Yahi

Po.8B.6 The regional climate model (RegCM3) simulation of dust impact on Sahel climate during 2006 M.S. Drame

Po.8B.7 Modeling of desert dust cycle and its impact on West African monsoon M. Gueye

Po.8B.8 Modeling of dust diurnal life cycle over West-Africa C. Kocha

Po.8B.9 The importance of the representation of deep convection for modeled dust-generating winds over West Africa during summer J. Marsham

Po.8B.10 The formation and behaviour of a large Saharan haboob A. Roberts

Po.8B.11 Turbulence, stratification and mixing in the Saharan atmospheric boundary layer L. Garcia-Carreras

Po.8B.12 The effect of orography on stratification in the summertime Saharan boundary layer: dynamics and implications for dust transport C. Birch

Po.8B.13 Climatology of Nocturnal Low-Level Jets over North Africa and implications for simulating mineral dust emission S. Fiedler

Po.8B.14 The Low-Level Jet phenomenon in North-African deserts: an idealized Large Eddy Simulation study B. Heinold

Po.8B.15 The Desert Storms Project – Towards an Improved Representation of Meteorological Processes in Models of Mineral Dust Emission P. Knippertz

Po.8B.16 How a dusty cold pool can change the evolution of the Saharan atmospheric boundary layer C. Kocha

Po.8B.17 In remembrance of Laurent Gomes S. Crumeyrolle

Po.8B.18 Dry deposition of nitrogen compounds (NO₂, HNO₃, NH₃), sulfur dioxide and ozone in West and Central Africa M. Adon

Po.8B.19 Biogenic nitrogen oxide emissions from soils in the Sahel: effect of soil moisture and vegetation on soil N cycle C. Delon

Po.8B.20 Chemical composition of size segregated atmospheric aerosols collected in Djougou, Benin M.R. Ouafo Mendo Leumbe

Po.8B.21 Measurement of NO₂, NH₃, SO₂, HNO₃ and O₃ concentrations in West Africa urban sites V. Yoboue

Po.8B.22 Isoprene emissions in Africa inferred from OMI observations of formaldehyde columns E. Marais

8D - CMIP5 III: regional climate modeling

Po.8D.1	Downscaling West African climate: uncertainties, sensitivity to the model physics, and regional variability	B. Pohl
Po.8D.2	Evaluation of the UK Met Office's HadGEM3-based regional climate model over the Greater Horn of Africa (GHA)	G. Sabiiti
Po.8D.3	Diurnal cycle and intraseasonal variability of rainfall over West Africa using CORDEX Models	N.A.B. Klutse
Po.8D.4	Regional climate model sensitivity to domain size for the simulation of the West African summer monsoon rainfall	N.A.B Klutse
Po.8D.5	Schemes applied on West Africa: a AMMA case - 25-26 July 2006	D. Pollack
Po.8D.6	Validation of a WRF model simulation over West Africa and Senegal in summer 2006	B.A. Sow
Po.8D.7	Influence of the South Atlantic Ocean dipole on West African summer monsoon precipitation	H. Nnamchi
Po.8D.8	Analysis and intercomparison of Regional Climate Models over West Africa	M. Camara
Po.8D.9	Assessment of the hydrological impacts of climate change in the upstream of the Nakanbé basin in Burkina Faso	B. Ibrahim
Po.8D.10	Preliminary analysis of the representation of the West African monsoon in two ERA-interim forced WRF simulations performed in the framework of the CORDEX project: focus on the pre-onset period	S. Bastin
Po.8D.11	The performance of WRF model setup, physics and parameterization schemes to reproduce observed precipitation characteristics in West Africa	J. Bliefernicht
Po.8D.12	Spatiotemporal variability of hydroclimatic extremes simulated by the CORDEX models: preliminary results of a comparative study between AMMA and HyMeX regions	J. Zwiebel
Po.8D.13	Assessing the improvement of severe weather prediction over Western Africa in WRF by a 3DVAR data assimilation system using Prepbufr observational data	M.P. Iгри
Po.8D.14	Influence of sea surface temperature (SST) on simulations of a regional climate model (RCM)	B. Kouassi
Po.8D.15	Evaluation of probabilistic precipitation forecast determined from WRF forecasted amounts	R.S. Tanessong
Po.8D.16	Evaluation of the West African monsoon cloud structure in the UM using CloudsSat	T. Stein
Po.8D.17	Regional model study of precipitation diurnal cycle in the Central Africa region	D.A. Vondou

9A - Climate and health

Po.9A.1	Climate and malaria in Guinea	A. Barry
Po.9A.2	Climate variability and malaria incidence in peri-urban, urban and rural communities around Kumasi, Ghana: A case study at three Health facilities; Emena, Atonsu and Akropong	S. Danuor
Po.9A.3	Climatology and premature baby	T.S. Diallo
Po.9A.4	Impact of climate change on tick-borne borreliosis distribution in West Africa	G. Diatta
Po.9A.5	Climate impact on population health, determination of seasonal incidence of malaria by using a biological model (Liverpool malaria model)	I. Diouf
Po.9A.6	Satellite remote sensing of particulate matter in the atmosphere of Dakar, Senegal	J.F. Leon
Po.9A.7	Enhancing raingauges network in the Barkedji Health and Environment Observatory: perspectives with regards to Rift	M. Ly

valley fever emergence

- Po.9A.8** Urban dynamics and climate variability: impact on population health and the environment in the Municipality of Kaolack N.K. Ndiaye
- Po.9A.9** Monitor, predict and prevent epidemics: the contribution of tele-epidemiology in Rift Valley fever (RVF) studies in Barkedji (Ferlo, Senegal) J.A. Ndione
- Po.9A.10** Climate Change and its impacts on Urinary Schistosomiasis S. Tay Crowther

9B - Monsoon system: Land surface models

- Po.9B.1** Quantification of the skill of a Dynamic Global Vegetation Model to simulate the Sahelian vegetation P. Brender
- Po.9B.2** Over a decade of eco-hydrological modeling in South-West Niger (Amma-Catch-Niger meso-site): what has been learnt and what could still be? B. Cappeleare
- Po.9B.3** Modelization of temperature and precipitation with a exponential-poisson composite law P.C. Choumbou
- Po.9B.4** The AMMA Land surface Model Intercomparison Project – phase 2 (ALMIP-2): Preliminary analysis of local and meso scales runs over the AMMA-Niger site J. Demarty
- Po.9B.5** Conceptual model of Ivorian sedimentary coastal basin: Case of Abidjan Continental Terminal Aquifer F.A. Kouassi
- Po.9B.6** Hydrological models influence on modelling of contributions regarding climate change: An application on Okpara basin R. Ogouwale
- Po.9B.7** A reference data set for land surface modeling at the local and meso scale in West Africa C. Peugeot
- Po.9B.8** Hydrodynamic modeling of a cultivated hill slope under Sudanian climate (North Benin) A. Richard
- Po.9B.9** Stochastic simulation of high resolution rain fields conditioned by rain gage measurements over the AMMA-CATCH Niger Observatory T. Vishel
- Po.9B.10** Collaborative potential for USAID-Famine Early Warning System Network (FEWS NET) and AMMA in the West African Sahel A. McNally
- Po.9B.11** Forcing a land surface model with satellite-derived biophysical products in the Sahel: Impacts of various sources on the simulated energy and water cycles P.A. Solignac

9C - Monsoon system: Ocean

- Po.9C.1** Coastal Observing System along West African coasts: efforts and progress in sea level monitoring A. Aman
- Po.9C.2** Detailing the equatorial kelvin waves contribution to the equatorial upwelling SST variability at intraseasonal timescale in the Atlantic M. Wade
- Po.9C.3** UPSEN: an ocean observing program aimed to estimate vertical and horizontal fluxes of mass and nutrients over the Senegalese upwelling A. Lazar
- Po.9C.4** Strong CO₂ anomalies in the tropical Atlantic in 2010 following the 2009 Pacific ENSO N. Lefevre
- Po.9C.5** The AWA project: Ecosystem Approach to the management of fisheries and the marine environment in West African waters P. Bremer
- Po.9C.6** Atlantic cold tongue and West African monsoon investigation by Non-Linear Principal Component Analysis S. Kenfack Sadem

Po.9C.7	Seasonal mixed-layer salinity balance in the tropical Atlantic Ocean	C.Y. Da-Allada
Po.9C.8	Modeling the dynamics of the northern Gulf of Guinea using a new diffusive-advection schemes: TS SPLIT UP3	V. Kone
Po.9C.9	Influence of SST in the Gulf of Guinea on variability of the monsoon and rainfall in Côte Ivory: sensitivity study with the model RegCM	K. Kouadio
Po.9C.10	Characterization of the boreal summer upwelling at the northern coast of the Gulf of Guinea Derived from the PROPAO Network measurements	Y. Kouadio
Po.9C.11	From PROPAO to the project JEAI-ALOCGG: A contribution to the study of the upwelling and the ocean-climate relationships along the northern coast of the Gulf of Guinea	Y. Kouadio
Po.9C.12	The M2 OPA Masters education program in physical oceanography, Cotonou, Benin	N. Hall