

CONFERENCE ORGANISATION

The different sessions will promote multidisciplinary approaches to address the geophysical and societal dimensions of AMMA's major scientific objectives. Mornings will be dedicated to plenary sessions accessible to a wide audience and will include solicited and contributed oral presentations. In the afternoons, parallel sessions will be dedicated to more focused issues and to discussions. Oral presentations will be given either in English or in French.

Special emphasis will be given to poster sessions which will be used to motivate discussion in the conference. The poster exhibition will be installed all week long to host more focused sessions.

SUBMISSION OF ABSTRACTS

Abstracts are to be submitted online following specifications and templates given on the conference webpage.

www.amma-international.org

Abstracts must be submitted by 12th March.

ACKNOWLEDGMENTS

Based on a French initiative, AMMA was built by an international scientific group and is currently funded by a large number of agencies, especially from France, UK, US and Africa. It has been the beneficiary of a major financial contribution from the European Community's Sixth Framework Research Programme. Detailed information on scientific coordination and funding is available on the AMMA International web site:

www.amma-international.org

AMMA is endorsed by WCRP (CLIVAR and GEWEX) and IGBP (IGAC and ILEAPS). AMMA also develops cooperation with ICSU and WMO, in particular with WWRP, THORPEX, GCOS and GOOS.

IMPORTANT DATES

12th March 2009

15th April 2009

31st May 2009

Deadline to submit abstracts

Acceptance of abstracts

Registration closing

VENUE

Azalaï Hôtel Indépendance

The Azalaï Hôtel Indépendance, center of Ouagadougou, will host the conference opening and scientific sessions.

www.azalahotels.com/independance.php

The closing session will be held at UEMOA (West African Economic and Monetary Union) in Ouagadougou.

www.uemoa.int

REGISTRATION

The online conference registration will be opened until 31st May 2009. A registration fee will be charged to cover the conference expenditures. Details on the fees (amount and payment methods) will be provided on the conference web page.

ACCOMMODATION

Rooms will be available at special conference rates at the Azalaï Hôtel Indépendance and surrounding hotels.

INFORMATION AND CONTACTS

Conference web page

www.amma-international.org

CONTACTS

Organisation

Ouaga2009@amma-int.org

Press

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AMMA AFRICAN MONSOON MULTIDISCIPLINARY ANALYSES

3rd International Conference

Ouagadougou
Burkina Faso

20th – 24th July 2009

Second Announcement
and
Call for Abstracts

Edited February 2, 2009

AMMA AFRICAN MONSOON MULTIDISCIPLINARY ANALYSES

ACHIEVEMENTS

Launched in 2002 in Niamey, the AMMA programme represents an unprecedented effort in the study of the West African monsoon (WAM), its variability and its interactions with the environment and the socio-economic factors controlling the livelihoods of local populations.

The field campaigns and related process studies aim to improve models used to make weather and seasonal forecasts, as well as climate projections. Significant progress has been made in our understanding of the coupled atmosphere-ocean-land system, interactions between aerosols and the monsoon, multi-scale analysis of the water cycle and how society, environment and climate interact. AMMA has created a unique multi-scale multi-disciplinary database that is used from all over the world and has recently been mirrored in Africa.

To relate WAM variability to societal need in order to develop strategies that reduce its socioeconomic impacts, AMMA has fostered multidisciplinary research mainly on society, water resources, natural and managed resources and health.

Another major achievement of AMMA has been the establishment of a large and active African community working on AMMA science.

FUTURE DIRECTIONS

Discussions have begun regarding the next phase of AMMA. A major aim of this conference is to assess what has been achieved in recent years and to set the agenda for the next 10 years. Improved knowledge and understanding of the coupled monsoon system needs to be pulled through to improve our ability to predict the WAM system at a range of spatial and temporal scales. At the same time we need to identify those key areas of WAM research to be further studied and set agreed upon priorities. A research programme on society-environment-climate interactions can be developed based on the first successes of AMMA and is key to drive adaptation and mitigation efforts, including the improvement of early warning systems. Reinforcement of the African scientific community, and its coordination, and of operational and research observation networks will remain significant objectives for AMMA.

KEY AMMA FIGURES

- 30 countries
- 140 national and pan-national agencies
- 600 scientists and engineers
- multi-year field campaigns from local to regional scales
- a central database with 125 in situ observation datasets, 59 satellite products, 11 model outputs
- more than 300 publications
- more than 110 PhD theses including 50 theses of Africans

CONFERENCE OBJECTIVES

The 3rd AMMA conference aims to bring together researchers from around the world working on WAM processes, predictability and climate change issues as well as on society-environment-climate interactions, to review ongoing research activities and to discuss future contributions and directions within the AMMA programme. It provides an ideal opportunity to broadcast the new knowledge towards a larger community. In this regard, the location of Ouagadougou echoes the objective of raising awareness among regional organisations on the research issues tackled in AMMA.

CONFERENCE THEMES

Three main themes have been selected together with a few sub-themes highlighting the topics to be covered in the conference.

Predictability of the West African Monsoon Weather, Climate and Impacts

- Evaluation of processes and feedbacks in regional and global models
- Evaluation of biases and predictability in statistical and numerical models
- Prediction of the African monsoon from days to decades
- Climate change projections
- High impact weather prediction
- Emerging impacts-oriented prediction tools

Society-Environment-Climate Interactions

- Natural and water resources, agriculture and livestock: climate and socio-economic constraints and opportunities
- Health, environment and social vulnerability
- Vulnerability and adaptive strategies of African societies facing African monsoon variability and climate change
- Policies for climate change mitigation and management of renewable resources in African countries

West African monsoon system including atmospheric, oceanic, hydrology and biosphere processes

- Water and energy cycles
- Cycles of aerosols and gas phases
- Land surface-atmosphere feedbacks
- Atmosphere-ocean interactions
- Monsoon variability and abrupt changes at all scales
- Teleconnections
- Tropical cyclones

OVERALL COMMITTEE

B. Guissou (Co-Chair), J.L. Redelsperger (Co-Chair), A. Diedhiou, C. Flamant, A. Gaye, S. Janicot, T. Lebel, D.J. Parker, J. Polcher, C. Thorncroft, L. Somé, C. Kane, O. Rousot

SCIENTIFIC COMMITTEE

S. Janicot (Co-Chair), C. Thorncroft (Co-Chair), A. Boone, B. Bourlès, K. Cook, D.E. Da, A.H. Dia, A. Diongue-Niang, C. Flamant, L. Genesio, A. Giannini, W. Hazeleger, V. Hien, A. Kamga, H. Karambiri, A. Konaré, C. Peugeot, O. Pliez, C. Reason, C. Reeves, P.M. Ruti, L. Somé, B. Sultan, C. Taylor, O. Touré, A.K. Traoré, S.B. Traoré, S. Trzaska

LOCAL ORGANISATION COMMITTEE

B. Guissou (Chair), L. Somé, A. Werem, D.E. Da, M. Sanon, A. Karambiri, H. Yacouba, D. Ouedraogo, J. Garane and the members of the Burkina Faso AMMA national committee, with the help of AMMA's International Project Office

