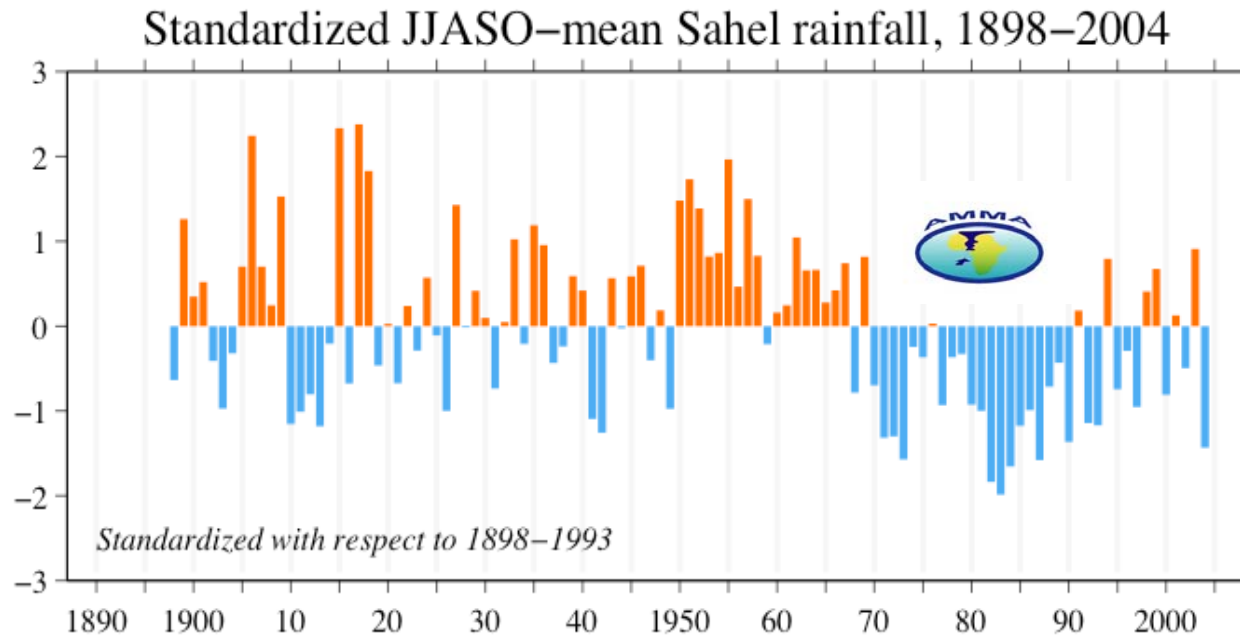


WG1: West African Monsoon and Global Climate

PIs: A. Diedhiou - *Africa*

P.J. Lamb - *United States*

S. Janicot - *Europe*



WG1: West African Monsoon and Global Climate

- General objective : Towards evaluating and improving climate predictions and impacts related to the WAM
 - The two-way interactions between the WAM and the rest of the globe important for determining WAM variability and its global impact
 - Better understand and predict the multi-scale variability of the aspects of global climate linked to the WAM
 - From intra-seasonal to decadal time scales



WG1: West African Monsoon and Global Climate

- Research areas include :
 - Variability and predictability of the WAM
 - *Nature and role of the teleconnections*
 - *Intraseasonal variability including easterly waves*
 - *Predictability issues and the role of the ocean*
 - *Detection of the global change*
 - Monsoon processes
 - *Scale interactions*
 - *The seasonal cycle and the monsoon onset*
 - Global impacts of the WAM
 - *Tropical cyclones*
 - *Aerosol variability*
 - *Atmospheric chemistry*



WG1: West African Monsoon and Global Climate

- Plenary and Poster Sessions
 - To give an overview of on-going work : *94 contributions : 14 oral / 80 posters*
 - To give an overview of Africa / Europe / US activities
- Parallel working session (*Tuesday afternoon*)
 - First real opportunity for international discussion
 - Set-up actions and coordination at international level
 - Linkages with other working groups
 - Establish the core and broad membership of the working group



Plenary Session

- Weather Systems
 - African Easterly Waves - *Kiladis*
 - Mesoscale Convective Systems - *Adamou - Gbuyiro*
 - WAM and Atlantic Tropical Cyclones - *Hopsch*
- Regional Climate
 - WAM Onset - *Sultan*
 - Spatial Variability of Rainfall - *Ochou*
 - Regional Modeling - *Sarr*

----- coffee break -----
- Intraseasonal to Multi-Decadal Variability
 - Intraseasonal Variability - *Reason*
 - Interannual Variability - *Giannini*
 - Seasonal Forecast - *Thiaw*
 - Climate Change Detection - *Lorant*
- Aerosols and Chemistry
 - Mineral Dust - *Formenti*
 - Atmospheric Chemistry - *Law*
 - Biomass Burning Emissions - *Lioussé*



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12 minutes / talk

