

ClimDev-Africa

THE INFLUENCE OF THE MADDEN-JULIAN OSCILLATION ON LARGE DAILY PRECIPITATION EVENTS IN WEST AFRICA

Awolou SOSSA

Brant Liebmann

Ileana Bladé

Dave Allured

Harry H. Hendon

Andrew Hoell





Problem statement 1/2

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- Docidugents names saturate on a gingate the ny orffh(;no absorption);
- In the south there is rarely a deficit of rainfall;
- Infrastarregiseinadensateto accommodate excess water.





Goal : improve forecast of extreme Precipitation in West Africa





Methods



28-30 Oct. 2015, Victoria Falls, Zimbabwe



Key Findings



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Conclusions/Recommendations

MJO modulates extreme precipitation in West Africa;

• The number of extreme rainfall events changes significantly for different phases of the MJO;

• With improvement in forecasting MJO phases, forecasts of extreme rainfall will also improve.