

WORKSHOP ON SAHEL CLIMATE CHANGE

New York, March 19-21 2007

Monday, March 19th - morning

8:45am: **Michela Biasutti:** Introductory Remarks and Welcome

9:00am:

Jeff Sachs: Welcoming address: The importance of long-term climate prediction for Sub-Saharan Africa

Peter DeMenocal: Paleo Observations of the African Monsoon

10:15am-10:45am: **Coffee Break**

10:45am:

Sharon Nicholson: Observations and Mechanisms of Interannual variability in West Africa.

Alessandra Giannini: Sahel rainfall variability in AMIP-like integrations.

12noon-2:00pm: **Lunch Break**

Monday, March 19th - afternoon

2:00pm:

Randy Koster: Land-atmosphere feedback in the Sahel.

Ning Zeng: Vegetation dynamics and effect on monsoon

3:15pm-3:45pm: **Coffee Break**

3:45pm:

Natalie Mahowald: Dust dynamics and effect on monsoon

Chris Taylor: Interactions between convection and soil moisture.

Tuesday, March 20th - morning

9:00am:

Chris Thorncroft: Observed characteristics of the mean Sahel rainy season

Chidong Zhang: The dynamics of monsoon: lessons from the annual cycle.

10:15am-10:45am: **Coffee Break**

10:45am:

John Chiang: Origins of North Atlantic SST conditions linked to Sahel rainfall

Adam Sobel: Equilibrium response to tropospheric warming over land.

Tuesday, March 20th - afternoon

2:00pm:

David Neelin: The Zoo of Mechanisms for Tropical Rainfall Variability and Change.

Isaac Held: Changes in the hydrological cycle and tropical precipitation under global warming

3:15pm-3:45pm: **Coffee Break**

3:45pm:

Michela Biasutti: Sahel Climate Change in the IPCC AR4 models

Kerry Cook: Past and future changes in Sahel rainfall: possible mechanisms.

Tuesday, March 20th - evening

6:00pm-9:00pm: **Dinner at Pisticci**

Wednesday, March 21st - morning

9:00am:

Open Discussion: Lessons learned (**David Battisti:** moderates)

10:15am-10:45am: **Coffee Break**

10:45am:

Open Discussion: Recommendation for future research (**Adam Sobel:** moderates)

Michela Biasutti: Concluding Remarks and Thanks.