

CGC SYMPOSIUM: AMAZON CLIMATE AND HYDROLOGY

9 – 10 May 2005 Duke University

Love Auditorium, in the Levine Science Research Center

Convener, Paul A. Baker ~~ Meeting Coordinator, Leah Rutchick

Sponsored by Duke University Center on Global Change

MONDAY 9 MAY 2005

8:30—9:00am Coffee and Registration in Hall of Science

9:00—9:15 Welcome Paul Baker and Bill Schlesinger, Dean of the Nicholas School

9:15—10:15 Keynote #1 John Terborgh

"Global change threatens tropical forests in many ways"

10:15—10:45 Coffee Break

10:45—11:45 Antonio D. Nobre

"Cycling of carbon and water in Amazonia"

12:00--1:00 Lunch

1:30—2:30 Rong Fu

"What controls the seasonality of Amazon rainfall and its interannual variability?"

2:30—3:30 Mark Bush and Miles Silman

"Amazonia and the Andes: Paleoecological data, data gaps, and hypotheses to be tested"

3:30—4:00 Coffee Break

4:00—5:00 Keynote #2 Carlos Nobre

"Understanding Biome–Climate Interactions in Amazonia"

5:00—6:00 RECEPTION—Hall of Science

7:00pm DINNER

Tuesday 10 MAY 2005

8:00—9:00am Coffee in Hall of Science

9:00—9:15 Opening remarks Paul Baker

9:15—10:15 Roni Avissar

"The impacts of deforestation of the Amazon basin on the local, regional and global hydroclimate"

10:15—10:45 Coffee Break

10:45—11:45 Kerry Cook

"Regional Model Simulations of South America during the LGM"

12:00--1:00 Lunch

1:30—2:30 Paul Baker, Sherilyn Fritz

"Recent advances and remaining controversies in tropical South American paleoclimatology"

2:30—3:30 Keynote #3 Jeffrey Richey

"From Small Streams to the Sea: A Multi-scale Synthesis of Carbon and Hydrological Dynamics across the Amazon Landscape"

3:30—4:00 Closing remarks

4:00—5:00 Departing participants return to the Thomas Center for shuttle or taxi

7:00pm Dinner for remaining participants (open invitation) BlueCorn Café, on 9th St.

This Symposium is sponsored by the Duke University Center on Global Change

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