

# US Agency Update

## VOCALS Science Meeting

*University of Miami*

*March 26, 2011*

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*U.S. CLIVAR Office*

*U.S. Climate Variability and Predictability Program*



# US Agency Contributions to VOCALS

## **NSF GEO (AGS Climate Dynamics & Atmos. Chemistry, OCE Phys. Oceanography)**

- 19 Projects, 33 PIs, ~\$7M
- 5 ended 2009-2010, 6 end 2011, 8 end 2012
- VOCALS Support Office and Data Management



## **NOAA CPO (CPPA/ESS, MAPP/CTB)**

- 9 Projects, 17 PIs, ~\$3.5M (additional ~13M since 2000)
- 1 ended 2010, 5 end 2011, 3 end 2013
- VOCALS Support Office and Data Management



## **DOE Office of Science (ARM and Atmos. Science Program)**

- 6 BNL and 13 PNNL PIs, Ongoing



## **ONR**

- 6 Projects, 11 PIs, Ongoing



# Opportunities

- **As processes are being better documented and initial modeling using the datasets is underway, moving toward synthesis products, integrated understanding and model improvements**
- **New proposals to NSF and NOAA should be submitted to regular program announcements; no focused call for proposals anticipated**
- **Consider a dedicated journal issue providing a compendium of VOCALS research papers; *already doing via EGU Atmospheric Chemistry and Physics***
- **Next issue of US CLIVAR Variations to showcase the VOCALS Science Meeting and the Tropical Atlantic Workshop with particular focus on addressing tropical biases**
- **Participate and present VOCALS research at the October WCRP Open Science Conference**

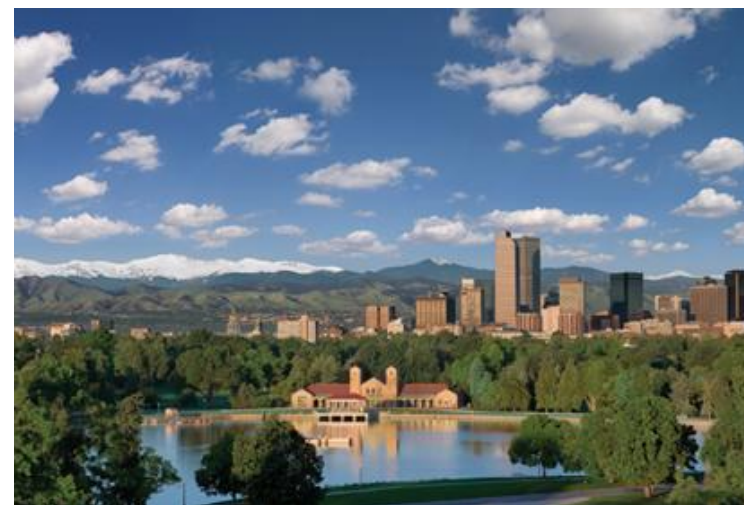
# WCRP Open Science Conference

24-28 October 2011

Denver, Colorado, USA

[www.wcrp-climate.org/conference2011](http://www.wcrp-climate.org/conference2011)

Promoting, Facilitating and Coordinating  
Climate Research in Service to Society



Student, Early Career, Developing Country Scientist Travel Grant Deadline: 31 March  
Abstract Submission Deadline: 30 April (\$25 fee)  
Early Bird Registration Deadline: 30 June (\$300)  
General Registration through 24 October (\$430)

## Poster Sessions

### Monday, 24 October

#### **Theme A2: The Climate System Components and Their Interactions**

Session **C8**: [Atmospheric Dynamics and Climate](#) (conveners: H. Hendon, B. Holtslag, Y.-L. Lin, N. McFarlane, G. Svensson, S. Yoden)

Session **C9**: [Oceans and Climate](#) (conveners: T. Lee, W. Hazeleger, T. Suga, J. Brown, M. Barreiro)

Session **C12**: [Clouds, Aerosols and Climate](#) (conveners: M. Webb, P. Siebesma, G. Feingold)

### Wednesday, 26 October

#### **Theme A4: Assessing and Improving Model and Predictive Capabilities**

Session **C28**: [Improving Climate Models, Including their Components and Parameterizations](#) (conveners: C. Bretherton, S. Legg, E. Manzini)

Session **C33**: [Understanding Climate Feedbacks](#) (conveners: B. Sanderson, D. Randall)

Session **C34**: [Global Model Evaluation and Projections: CMIP5 and Other Model Intercomparisons](#) (conveners: J. Meehl, D. Waugh, J. Fasullo, K. Williams)

### Thursday, 27 October

#### **Theme A5: Climate Assessments and Future Challenges**

Session **C45**: [Geoengineering to Counteract Global Warming?](#) (conveners: A. Robock, T. Peter)

**Or Cluster Poster Sessions (10+ posters) on VOCALS in one or more of the Sessions**



*Thank You*