

Relative Humidity, Earth Temperature and Climate Change Miniconference

*Co-sponsored by NOAA CORC ARCHES & LDEO Climate Center
Conveners: Graham Farquhar, ANU & Wallace Broecker, LDEO
The Gary C. Comer Building, First Floor Seminar Room*

Monday, June 23

Morning Session

- 9:00 to 9:30 Introductions
- 9:30 to 10:15 Al Arking, Johns Hopkins University: *The greenhouse imprint of humidity*
- 10:15 to 11:00 Jean Jouzel, LSCE/IPSL: *Deuterium excess in Antarctic ice*
- 11:00 to 11:15 Coffee Break
- 11:15 to 12:00 Boaz Luz, Hebrew University: *$^{17}\text{O}/^{16}\text{O}$ and $^{18}\text{O}/^{16}\text{O}$ theory*
- 12:00 to 12:45 Amaelle Landais, LSCE/IPSL: *$^{17}\text{O}/^{16}\text{O}$ and $^{18}\text{O}/^{16}\text{O}$ observations*
- 12:45 to 2:00 Lunch Break

Afternoon Session

- 2:00 to 2:45 Jim Anderson, Harvard University: *Upper atmH₂O and D/H*
- 2:45 to 3:30 Garth Paltridge, Australian National University: *Balloon observations of decadal trends*
- 3:30 to 3:45 Coffee Break
- 3:45 to 4:30 Graeme Stevens, Colorado State University: *Satellite observations of humidity trends*
- 4:30 to 5:15 Steve Sherwood, Yale University: *Anticipated variation of relative humidity with global temperature*
- 5:15 Clinton Inn Shuttle arrives
- 5:30 to 6:30 Reception at Palmer's Crossing Restaurant, Lounge Area (Clinton Inn Hotel); blue bracelets will be distributed
- 6:30 - 8:30 Group Banquet Dinner at Palmer's Crossing Restaurant

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Tuesday, June 24

Morning Session

- 9:00 to 9:45 David Rind, GISS/NASA: *GCM Water Vapor Feedback and Vertical Transports*
- 9:45 to 10:30 David Noone, University of Colorado: *Comparison of model $^{18}\text{O}/^{16}\text{O}$ and D/H with data*
- 10:30 to 10:45 Coffee Break
- 10:45 to 11:30 Garth Paltridge, Australian National University: *Feedback gains and Max Entropy Production*
- 11:30 to 12:15 Graham Farquhar, Australian National University: *Pan evaporation - wind speed*
- 12:15 to 2:00 Lunch Break

Afternoon Session

- 2:00 to 4:00 Other presentations and discussion
- 4:00 Coffee Break
- 5:00 Clinton Inn Shuttle arrives