

Minutes of the 13th Annual Mini-Technical Conference Palmetto Chapter of the AMS

Held at the SC Department of Health and Environmental Control
Columbia, SC
March 21st, 2007

- President Allen Weber called the conference to order at 9:35 am. A diverse group of presentations were given at this years mini-tech. Most notably among them was the presentation by keynote speaker George Maul of the Florida Institute of Technology on Coastal Wave Hazards. Three coastal wave hazards important to the southeastern United States and Caribbean were hurricane storm surge, tsunamis, and sea level. Specific case studies of these hazards were alluded to in the presentation. Information on Dr. Maul's interests can be found at <http://my.fit.edu/~gmaul>.
- Talks were given by 18 members this year, which is a record for the mini-tech conference. Topics included: hurricane surge by Ryan Evsich, global effects of tropical deforestation by David Werth, agricultural weather by Erik Kabel, findings of a stable plume rise in a shear layer by Tom Overcamp, a new project at Savannah River Site dealing with carbon flux measurement and modeling Matt Parker, atmospheric modeling in support of a roadway accident Robert Buckley, techniques of upper air sounding replacement for AERMOD Richard Monteith, the use of the WRF model in fire weather forecasting Bradley Mabe, solutions to the Gaussian cloud approximation for gamma absorption dose by Tom Overcamp, retrieval of cloud fraction data by Geoff Miller, a status report on the sounding-based experiment on mixed precipitation events by Douglas Miller, a national radiological monitor siting for the USEPA RadNet by Kuo-Fu Chen, a presentation on the Department of Energy's SCAPA and DMCC by Carl Mazzola, the use of ensembles in forecasting by Michael Cammarata, the new storm based warning system from the NWS by Steve Naglic, radar observations of a tornadic quasi-linear convective system by Patrick Moore, a flash flood event in Columbia, SC in 2006 by Dan Miller, and the role of the Great Lakes in northwest flow snowfall events in the southern Appalachian Mountains by Blair Holloway.
- Officer elections were also held. Greg Quina will move from Vice President to President,

David Werth was elected the new Vice President, Carl Mazzola will remain Treasurer, and Erik Kabela was elected the new Secretary.

- Conference was adjourned at 4:30 pm.