

2008 SeCAPS Agenda

Friday, March 28 - University of South Alabama Student Center Ballroom

- | | |
|-----------------|--|
| 5:30pm – 6:00pm | Registration |
| 6:00pm – 6:10pm | Welcome/Opening Remarks |
| 6:10pm – 6:30pm | A Reality Check- A Tightening Job Market, How to get into it...Listen Carefully
<i>John Gordon, Meteorologist-in-Charge, National Weather Service, Louisville, KY</i> |
| 6:30pm – 6:50pm | NASA Earth Science Research Results Applied to the Challenges of Public Health and Coastal Management
<i>John Haynes, Program Manager, National Aeronautics and Space Administration</i> |
| 6:50pm – 7:10pm | TBA (if needed) |
| 7:10pm – 7:20pm | Break |
| 7:20pm – 8:00pm | <u>Keynote Address – Operational Meteorology The Status of Your National Weather Service and the Way Ahead</u>
<i>Bill Proenza, Director, National Weather Service Southern Region, Fort Worth, TX</i> |
| 8:00pm – 9:30pm | SECAPS Mixer |

Saturday, March 29 - University of South Alabama Student Center Ballroom

Tropical Session

- | | |
|-----------------|---|
| 8:00am – 8:10am | Welcome/Opening Remarks |
| 8:10am – 8:40am | Missions of the Air Force Reserve Hurricane Hunters and a Brief Review of the 2007 Atlantic Tropical Cyclone Season
<i>John Gordon, Meteorologist-in-Charge, National Weather Service, Louisville, KY</i>
<i>Lt. Colonel Richard Henning, USAF Reserve, 53rd Weather Reconnaissance Squadron</i> |

- 8:40am – 9:00am **An Investigation of Spatial Trends in the Tracks of Atlantic Hurricanes Given Discrete Sequential Sea Surface Temperature Anomalies in the Niño 1+2 Region**
Kris White, National Weather Service, Huntsville, AL
- 9:00am – 9:10am **Break**
- 9:10am – 9:30am **An Examination of Flight Level, Dropsonde, SFMR, and WSR-88D Data in the Estimation of Surface Winds During the Landfall of Katrina**
Richard G. Henning, Consulting Meteorologist
- 9:30am – 9:50am **How the Perception of a Hurricane's Structure at Landfall can Directly Impact the Preparation For and Recovery From a Storm Like Katrina**
Dr. Keith Blackwell, Associate Professor, University of South Alabama
- 9:50am – 10:00am **Break**

Panel Discussion on Public Perception of Severe Weather Warnings

- 10:00am – 10:30am **Introduction To Panel Participants**
- *Dr. Jay Baker, Associate Professor, Florida State University*
 - *John Gordon, Meteorologist-in-Charge, National Weather Service, Louisville, KY*
 - *Dr. Kevin Kloesel, Associate Dean, University of Oklahoma College of Atmospheric & Geographic Sciences*
 - *Alan Sealls, Chief Meteorologist, WKRG-TV, Mobile, AL*
 - *Dr. Aaron Williams, Associate Professor, University of South Alabama, Director, Coastal Weather Research Center*
- 10:30am – 11:15am **Panel Discussion**
- 11:15am – 11:30am **Poster Introductions**
- 11:30am – 1:00pm **Lunch** (on your own)
- 1:00pm – 1:45pm **Poster Session**
- P1: Severe Weather Indices Comparison for Tornadic Events in Norman, Oklahoma vs. Birmingham, Alabama**
Christina Holt, University of South Alabama

P2: Distribution of Severe Weather Indices in Landfalling Numerically Simulated Hurricanes

Christina Holt, University of South Alabama

P3: Reconstructing North Atlantic Basin Tropical Cyclones of the 1840s

David Glenn, University of South Carolina

P4: WSR-88D Hail Detection Algorithm Performance Assessment Over Central Alabama

Scott Unger, Kevin Laws, and Tara Golden, National Weather Service, Birmingham, AL

P5: A New Tool to Help Forecast Convective Initiation in the 1-6 Hour Time Frame

John Walker, University of Alabama in Huntsville

P6: The Relationship between Flight Level and 10-m Winds in Numerically Simulated Landfalling Hurricanes

Jackie Rauch, University of South Alabama

1:45pm – 2:30pm

Keynote Address – Tropical Meteorology 2008 Atlantic Basin Hurricane Season and Landfall Predictions

Dr. Phil Klotzbach, Colorado State University

Session on Severe Local Storms

2:30pm – 2:50pm

An Examination of North Central Gulf Coast Cold Season Pre-Tornadic Vertical Wind Shear Environments since 1996

Jeffrey M Medlin, Science and Operations Officer, National Weather Service, Mobile, AL

2:50pm – 3:10pm

Analysis of Data from the 2008 Super Tuesday Severe Weather Outbreak: An Arkansas Perspective

Renee Fair, Meteorologist-in-Charge, National Weather Service, Little Rock, AR

3:10pm – 3:30pm

The Jackson County EF-4 Tornado: A Radar Operator's Perspective

Jason Elliott, National Weather Service, Huntsville, AL

3:30pm – 3:40pm

Break

3:40pm – 4:00pm

**Performance Analysis of the 4km WRF NMM
Experimental Simulated Reflectivity Product
on Forecasting Convective Initiation during
the 5 February 2008 Tornado Outbreak**

Blake E Michaleski, University of South Alabama

4:00pm – 4:20pm

**Unusual Damage Observations in the
Tornadoes of Super Tuesday, 2008**

*Brian Peters, Meteorologist, ABC 3340, Birmingham,
AL*

4:20pm – 4:30pm

Closing Remarks