

# SOUTHEAST ATMOSPHERE STUDY (SAS)

## PUBLIC OPEN HOUSE

WEDNESDAY, 19 JUNE 2013

10:30AM - 12:30PM

SOUTHEASTERN AEROSOL RESEARCH AND  
CHARACTERIZATION (SEARCH) SITE

*"IF WE ARE GOING TO ADDRESS THE LINKS BETWEEN AIR QUALITY, CLIMATE CHANGE AND HUMAN HEALTH, WE NEED A BETTER UNDERSTANDING OF HOW CHEMICALS IN THE ATMOSPHERE INTERACT WITH ONE ANOTHER AND THE SURROUNDING ENVIRONMENT. SCIENTISTS NEED TO STUDY THE SYSTEMS TOGETHER AND PROVIDE INFORMATION THAT WILL ENABLE DECISION MAKERS TO ADDRESS BOTH AIR QUALITY AND CLIMATE ISSUES."*

- ANN MARIE CARLTON, SAS CO-PRINCIPAL INVESTIGATOR, RUTGERS UNIVERSITY

SAS, a collaborative project among the National Science Foundation (NSF), the National Oceanic and Atmospheric Administration (NOAA), the Environmental Protection Agency (EPA), Electric Power Research Institute (EPRI), and dozens of other domestic and international research institutions, is one of the largest North American air quality and climate studies in decades.

## VISIT THE 75' INSTRUMENTATION TOWER & OBSERVE A WEATHER BALLOON LAUNCH

Visit the main ground-based research site for the SAS project, including a 75-foot tower loaded with research equipment. The tower is custom fit with a suite of instruments to make measurements of air pollutants and fine particles from 1 June - 15 July 2013. Weather balloons carry an instrument package that provides researchers with vital information about the current state of the atmosphere. The SEARCH Network is a collection of air quality monitoring stations throughout the southeastern United States developed over the last 20 years.

### Who:

The general public, students and media are encouraged to attend, and will meet scientists, researchers, engineers & technicians involved with the field project.

### What:

Observe a weather balloon launch, tour the ground-based research instrument tower, gain a better understanding of the importance of the research, and learn about these unique instruments used to study the atmosphere.

### Where:

(SOAS) SEARCH Site  
104 Wooley Rd., off State Road 25  
Brent, AL

### When:

Wednesday, 19 June from 10:30am - 12:30pm  
Weather balloon launch at 11:30am

### For more information about SAS visit:

[www.eol.ucar.edu/projects/sas](http://www.eol.ucar.edu/projects/sas)



Instrumentation tower  
at the SEARCH site



Observe a weather balloon launch!

For more information on the SAS  
Open House, please email  
[rockwell@ucar.edu](mailto:rockwell@ucar.edu) or  
call 303.497.8758