

# 47<sup>th</sup> Annual Air Pollution Workshop and Symposium

May 17 - 21, 2015

Auburn University

School of Forestry and Wildlife Sciences (SFWS) Building

Room 1101 Main Conference Hall

602 Duncan Drive

Auburn, AL 36849

Host: Art Chappelka

Sunday May 17<sup>th</sup>

6:00-8:00 pm

Welcome reception for Symposium at the Chappelka home

(Transportation to be arranged)

RSVP to Art Chappelka ([chappah@auburn.edu](mailto:chappah@auburn.edu)) by May 13<sup>th</sup>

Monday May 18<sup>th</sup>

Symposium – “Air pollution, climate change and food security”

SFWS Building Conference 1101 Conference Hall

7:00-8:30 am

Registration with continental breakfast provided

8:30-9:00 am

Welcome

9:00-10 am

Zhaozhong Feng, Chinese Academy of Sci., Beijing: *Ground-level O<sub>3</sub> pollution and its impacts on food crops in China - A review*

10:00-10:30 am

Break

10:30-11:00 am

Susan Pan, Auburn Univ.: *Global terrestrial net primary production and evapotranspiration in responses to climate and elevated CO<sub>2</sub> in the 21st century*

11:00-11:30 am

Chengquan Huang, Univ. of Maryland: *Urbanization and implications for air pollution and food security: a remote sensing perspective*

11:30 am-1:00 pm

Lunch provided

1:00-1:30 pm

Hanqin Tian, Auburn Univ.: *Drought, ozone pollution and food security in Asia*

1:30-2:00 pm

Russ Muntifering, Auburn Univ.: *Mediterranean annual-pasture responses under a global change scenario of interactions among ozone, nitrogen and climate*

2:00-2:30 pm

David Grantz, Univ. CA, Riverside: *Sustainability metrics in the production of food and bioenergy: a case in the arid west*

2:30-3:00 pm

Janelle Baker, McGill Univ., Quebec, Canada: *Eating berries in the Oil Sands: First Nations perceptions of wild food contamination in Alberta's Athabasca Oil Sands Region*

3:00-3:30 pm	Break
3:30-4:00 pm	Wei Ren, Auburn Univ.: <i>Integrated agro-system modeling for achieving food security in the face of climate change and air pollution: A case study in China</i>
4:00-4:30 pm	Kent Burkey, USDA ARS, Raleigh, NC: <i>Improving the ozone tolerance of soybean - a case study for adapting crops to climate variability</i>
4:30-5:00 pm	General discussion
6:00-8:00 pm	Workshop reception with light hors d'oeuvres

## Tuesday May 19<sup>th</sup>

### Air Pollution Workshop

SFWS Building Conference 1101 Conference Hall

7:30-9:00 am	Registration with breakfast provided
9:00-9:15 am	Welcome
9:15-9:30 am	Introductions
9:30-10:30 am	Session I: Ozone Chair: David Grantz, UC-Riverside
10:30-11:00 am	Break
11:00-noon	Session II: Perspectives on the mission of the Air Pollution Workshop Chair: Kent Burkey, USDA-ARS John Skelly, Penn State (retired) Nancy Grulke, US Forest Service Allan Legge, Biosphere Solutions
Noon-1:30 pm	Lunch provided
1:30-2:30 pm	Session III: Group discussion of the long term vision for this Workshop Chair: Kent Burkey, USDA-ARS
2:30-3:00	Potpourri I: Chair: Art Chappelka, Auburn University  Meeting participants will be permitted to give a 3-5 min overview of their research activities. Participants wishing to make a presentation during this session are asked to keep their presentations short in order to allow as many people as possible to make a presentation.
3:00-3:30 pm	Break
3:30-5:00 pm	Session IV: Nitrogen Chair: Crystal Lu, Auburn University
5:00-6:00 pm	Poster Session  Dinner on your own

Wednesday May 20 <sup>th</sup>	Workshop (continued) SFWS Building Conference 1101 Conference Hall
7:30-8:30 am	Breakfast provided
8:30 am	Welcome/Announcements
8:35-10:05 am	Session V: Bioindicators and biomonitoring Chair: Howard Neufeld, Appalachian State University
10:05-10:30 am	Break
10:30-Noon	Session VI: Measurements and models Chair: Allan Legge, Biosphere Solutions
Noon-1:30 pm	Lunch provided
1:30-2:00 pm	Potpourri II: Chair: Art Chappelka, Auburn University
2:00-5:00 pm	Field trip to the USDA-ARS National Soil Dynamics Lab
7:00-9:00	Banquet/awards - barbeque dinner provided
Thursday May 21 <sup>st</sup>	Workshop (continued) SFWS Building Conference 1101 Conference Hall
7:30-8:30 am	Breakfast provided
8:30 am	Welcome/Announcements
8:35-10:05 am	Session VII: Interaction of climate change and air pollutants Chair: Nancy Grulke, USFS
10:00-10:30 am	Break
10:30-11:30 am	Session VII (continued)
11:30-noon	Final wrap up Adjourn