

2017 Annual Meeting Program Addendum

Schedule Changes

SASES Tour 1: Florida Heritage Tour: **Oct 21, 7:00 AM-5:15 PM, TCC - Front Drive**

SASES Tour 3: Florida Fresh 1 - Vegetables and Citrus: **Oct 21, 8:00 AM-5:00 PM, TCC - Front Drive**

SASES Tour 4: Florida Fresh 2- Citrus and Cattle: **Oct 21, 8:00 AM-5:30 PM, TCC - Front Drive**

Special Session--Graduate Student Leadership Conference: **Oct 21, 1:00 PM-5:30 PM, Marriott - Grand Ballroom D**

Special Session--Graduate Student Leadership Conference: **Oct 22, 7:30 AM-2:00 PM, Marriott - Grand Ballroom D**

11 Undergraduate Research Contest - Oral I: **Oct 22, 12:30 PM-3:00 PM, Marriott - Grand Ballroom I**

12 Undergraduate Research Contest - Oral II: **Oct 22, 12:30 PM-3:00 PM, Marriott - Grand Ballroom G**

ASA Board of Directors Meeting: **Oct 22, 2:00 PM-4:00 PM, Marriott - Room 5**

13 SASES National Speech Contest Prelims: I: **Oct 22, 3:15 PM-4:45 PM, Marriott - Grand Ballroom I**

14 SASES National Speech Contest Prelims: II: **Oct 22, 3:15 PM-4:45 PM, Marriott - Grand Ballroom G**

ET Model Intercomparison Community: **Oct 22, 3:30 PM-4:30 PM, Marriott - Room 4**

19 Graduate Student Networking Session - Building Professional Relations Wkshp: **Oct 22, 4:00 PM-6:00 PM, TCC - Ballroom D**

Renewable Agriculture and Food Systems Associate Editor Meeting: **Oct 22, 4:30 PM-5:30 PM, Marriott - Room 8**

SCRI Warm-Season Turfgrass Improvement Program: **Oct 22, 6:00 PM-8:00 PM, Marriott - Room 10**

SSSA Fundamental Changes to Soil Taxonomy Task Force: **Oct 22, 7:30 PM-10:00 PM, Marriott - Greco Boardroom**

SASES Elections: **Oct 22, 8:00 PM-9:00 PM, TCC - Room 22 and 23**

25 Symposium--If You Use It, They Will Come: Using Social Media to Gain an Audience for Agriculture:

Oct 23, 7:50 AM-9:50 AM, TCC - Room 11

22 SASES National Speech Contest - Finals: **Oct 23, 9:00 AM-10:00 AM, Marriott - Grand Ballroom G**

Soil and Plant Analysis Council Board Meeting: **Oct 23, 2:15 PM-4:15 PM, Marriott - Grand Ballroom A**

179 Special Session--Gateway Scholars Orientation and Motivational Program: **Oct 24, 8:00 AM-12:00 PM, TCC - Room 1**

195 Symposium--Special Session Symposium--The U.S. Global Food Security Strategy: Enhancing Resilience, Increasing Productivity, and Improving Nutrition through Agricultural Research: **Oct 24, 8:30 AM-10:30 AM, TCC - Ballroom A**

227 Understanding the Yield Gap in World-Wide Wheat Production and the Opportunities for International Collaboration Oral:
Oct 24, 10:10 AM-1:30 PM, Marriott - Grand Ballroom C

USB Soybean Quality Project: **Oct 24, 11:00 AM-1:30 PM, TCC - Room 38**

179 Special Session--Gateway Scholars Orientation and Motivational Program: **Oct 24, 12:30 PM-5:00 PM, TCC - Room 39**

CSSA Division Leadership Training: **Oct 24, 1:00 PM-2:00 PM, TCC - Room 33**

273 Special Session--Women in Science Workshop: Connecting Mindfulness and Work-Life Balance:
Oct 24, 2:00 PM-4:30 PM, TCC - Ballroom D

LTAR Regionalization Meeting: **Oct 24, 3:35 PM-6:30 PM, TCC - Room 14**

Kansas State University, Department of Agronomy "Purple Coat" Reception:

Oct 24, 5:30 PM-8:00 PM, Marriott - Grand Ballroom D

University of Nebraska-Lincoln Department of Agronomy & Horticulture, Big Red Mixer:

Oct 24, 6:30 PM-8:30 PM, Marriott - Grand Ballroom C

SSSA Division Leadership Training: **Oct 25, 9:00 AM-10:00 AM, TCC - Room 24**

ACS324.1 Journal of Environmental Quality Editorial Board: **Oct 25, 10:00 AM-12:00 PM, Marriott - Room 6**

386 SSSA Business Meeting--Soil Biology and Biochemistry: **Oct 25, 12:00 PM-1:00 PM, TCC - Ballroom D**

Discussion: What Grad Students Should Know about the Food-Energy-Water Nexus Programs at NSF:

Oct 25, 1:00 PM-2:00 PM, TCC - Room 24

Kirkham Conference Committee Meeting: **Oct 25, 1:30 PM-2:30 PM, Marriott - Grand Ballroom A**

CSSA Board of Directors Meeting: **Oct 26, 7:30 AM-10:00 AM, Marriott - Florida Salon V**

Open Source Decision Support Tools and Systems for Improving Soil Health and Ecosystem Services (by invitation only):

Oct 26, 9:00 AM-12:00 PM, Marriott - Florida Salon I-III

Presenter Changes (Presenters are in bold)

85-1 Citizen Science in Natural Resources: Lessons Learned from Stakeholder Engagement in Participatory Research Using Collaborative Adaptive Management: **David Augustine**

1306 Corn Yield App, an on-Farm Tool for Estimating Corn Yields: **Osler Ortez**

CSU Ag Adventure - Growing Our Youth: **Rachel Vorwerck**

269-9 Delineation of Soil Management Zones: Comparison of Two Proximal Soil Sensor Systems: **Asim Biswas**

404-5 Determining Relationships and Patterns in the Nutrisolutions® Plant Tissue Database Using Multivariate Analytics:
Catherine White

266-2 Dissecting Gene Network Underlying Essential Micronutrients like Iron, Zinc and Toxic Elements like Cadmium to Improve Wheat Nutritional Quality for Human Health: **Ajay Kumar**

403 Effect of Forage Peanut Inclusion in a Marandu Grass Pasture on Forage Disappearance Compared to Marandu Grass Fertilized:
Andressa Berça

103 Effects of Soil and Row-Spacing on Seed Chemical Composition and Mineral Nutrition in Soybean in the Midsouth USA:
Nacer Bellaloui

364-9 Effects of Soil CO₂ on Corn and Soil Environment: Simulation of CO₂ Leakage from Carbon Capture and Storage (CCS) Site:
YouJin Kim

Fifty Years of Promoting Agronomy and Soil Conservation at the University of Wisconsin-Platteville: **Katelynn Mauk**

1349 Groundwater Nitrogen and Phosphorus Dynamics in a Claypan Watershed Under Crop Management:
Niranga Wickramarathne

240-1 Interactive Workshop: Writing Manuscripts for Publication: **Ruth Yanai**

207-1 Isotope-Based Insights into Old Questions about Transport and Transformation of Plant Inputs to Soil Based on Isotope Studies:
Caitlin Hicks Pries

268-1 Leasyscan - a Novel Semi-Field Platform to Phenotype Traits Controlling Plant Water Budget: **Grégoire Hummel**

340-6 Nutrient Dynamics in a Highly-Weathered Soil Under Long-Term No-till System: **Joao Antonangelo**

1115 Plant-Derived Biostimulant Supports Biocontrol Microbial Inoculant and Reduces Phytophthora Blight: **Lori Hoagland**

377-4 Plot Size - Is Bigger Better?: **Catherine White**

1209 Productivity of Drought-Tolerant Alternative Crops Subjected to Water-Limiting Conditions in West Texas:

Irish Lorraine Pabuayon

110-5 Project Climate Change Impact on Hydrological Processes in a Lower Mississippi River Watershed: **Ying Ouyang**

340-14 Rice (*Oryza sativa* L.) Tolerance to Drought Can be Improved By Silicon Application: **Mostafa Ibrahim**

401-2 Science at 400 Feet - Tapping into the Value of Weather, Imagery, Soil & Local Field Information to Create Value for Growers:

Samantha Knoll

1400 Soil Direct N₂O Emissions Due to Bovine Excreta Deposition in Native Grassland at Southern Brazil: Effect of Different Year's

Seasons: **Diego Bastos**

617 Trends in Maize Planting Date and Its Interaction with Management in High Yielding Environment: **Long Nguyen**

261-2 Using Biomarker Approaches to Predict the Chemical Attributes of Organic Matter That Facilitates Soil Carbon Sequestration:

Nishanth Tharayil

1228 Using Ground Penetrating Radar to Detect Fine Roots of Agricultural Crops in the Field: **Xiuwei Liu**

1315 Water Quality of Streams Draining Mixed-Used Agricultural Basins in Southwestern Puerto Rico: **David Sotomayor**

Presider Changes (Presiders are in bold)

404 Spatial Relationships, Data Analysis, and Bioenergy Crops - Soil Fertility and Plant Nutrition: **Matt Yost**

53 Special Session Symposium--Improving Synergistic Activities between the Agro-Ecosystem and Botanic/Public Garden

Communities: **Ari Novy**

204 Special Session--Negotiation Strategies for Early Career Scientists Workshop: **Ignacio Ciampitti**

273 Special Session--Women in Science Workshop: Connecting Mindfulness and Work-Life Balance: **Rita Abi-Ghanem**

Withdrawn Oral Papers

- 110-2 Land Preparation Method and Irrigation Strategy Impacts on Peanut Pod Yield, Canopy Closure, Quality, Water Use Efficiency and Net Return Above Tillage and Irrigation Costs.
- 111-5 Biodegradation Rates of Switchgrass Biochar in a Sandy Soil.
- 128-4 Soil Physical Properties Under Long-Term No-till and Cover Crop Management in California's San Joaquin Valley.
- 181-4 Nitrous Oxide Emissions from Diverse Crop Production Systems across Eastern Australia.
- 190-1 Variability of Soybean Cultivars in Leaf Growth Response to Flooding.
- 191-5 Genotype X Environment Interaction for Starch Composition and Production Stability of Canadian Red Lentils.
- 198-5 Underestimation of N₂O Flux in a Model Comparison of Daycent, DNDC, and Epic.
- 201-3 Consequences of Soil Parameterization on Spatial Crop Simulations: Implications for Global Impact Studies.
- 209-5 Decomposition and Nutrient Stability in Constructed Wetland Soils of Submergent and Emergent Vegetation.
- 230-7 Evaluating the Impact of Canopy Defoliation at Two Critical Timings in Peanut.
- 231-4 Agronomic Responses of Intermediate Wheatgrass (*Thinopyrum intermedium* L.) to Plant Growth Regulators and Spring-Applied Nitrogen.
- 234-2 Banding Depth and Granular Urea Source Effects on Yield and Nitrous Oxide Emissions from Canola.
- 237-1 Optimizing Nitrogen Rescue Strategies in Peanut.
- 241-4 Reducing Risk and Variability of Rice-Based Cropping Systems on the East India Plateau While Quantifying and Improving Water Use.
- 246-2 Planting Date Affects Cover Crop Mixture Expression and Weediness.
- 270-5 Evaluating Soil Health at the Lethbridge Long-Term Manure Plots.
- 272-3 Multifunctional Perennial Cropping Systems: Design and Implementation in Central Illinois.
- 32-6 Biotechnological Use of Phytases to Improve Organic Phosphorus Availability to Crops.
- 333-4 Are Physiology and Phenomics Going to be Phruitful for Breeding.
- 346-2 Relative Bioavailability of As, Pb and Cd in Contaminated Soils: Animal Models and Human Risks.

- 35-6 Interseeding of 15 Cover Crops and Impacts on Nitrogen Availability.
- 365-9 Identifying Hot Spots for Nitrogen Loss from Corn Production Systems of Illinois.
- 38-8 Impact of Straw Removal in Sugarcane Yields in Brazil.
- 388-3 Genotype and Environment Interactions for Seed Characteristics, and Milling Quality Traits in Lentil (*Lens culinaris* M.).
- 390-4 USDA-NRCS Integrated Erosion Modelling Tool (IET) – a Web Served, Geospatial, Farm Field-Level Natural Resource Management Alternatives Analysis Tool for Estimating Wind & Water Erosion, Soil & Air Quality Trends & Energy Use.
- 45-10 An Index for Plant Water Deficit Based on Root-Weighted Soil Water Status and Its Applications.
- 45-6 Performance Assessment of Mobile Drip Irrigation Under Full and Deficit Conditions in West Central Nebraska.
- 69-4 Development of a Combination Water Content and Water Potential Sensor Using Precision Tensiometer and Capacitance Sensor Technology.
- 94-6 Spatial and Depth Trends in Lead Bioaccessibility in Urban Household Soils, Minneapolis-St. Paul, Minnesota.

Withdrawn Poster Papers

- 230-7 Evaluating the Impact of Canopy Defoliation at Two Critical Timings in Peanut.