

Schedule by Section/Division

Cosponsored sessions are identified in *italic*.

SESSION NO./TITLE	DATE & TIME	LOCATION
Keynote/Plenary Sessions		
Sunday		
28	ASA, CSSA and SSSA Opening Keynote	6:00 PM - 7:00 PM PCC, Ballroom 120 B-D
Monday		
31	SSSA Breakfast, Awards, and Plenary (Brady Lectureship)	7:00 AM - 9:00 AM Sheraton, Valley of the Sun ABC
Tuesday		
193	ASA Breakfast, Awards, and Plenary (York Lectureship)	7:00 AM - 9:10 AM Sheraton, Valley of the Sun ABC
Wednesday		
359	CSSA Breakfast, Awards, and Plenary (Klepper Lectureship)	7:00 AM - 9:00 AM Sheraton, Valley of the Sun ABC
481	ASA, CSSA and SSSA Closing Keynote	5:00 PM - 6:00 PM PCC, Ballroom 120 B-D
ASA, CSSA and SSSA Special Programs		
Sunday		
16	Symposium--Techniques for Jumpstarting the Restoration of Desertified Ag and Grasslands Soils	1:30 PM - 5:15 PM PCC, 228 B
Monday		
58	Symposium--100th Anniversary of the Langmuir Equation, 1916-2016	9:20 AM - 12:00 PM PCC, 130
106	Symposium--the Grand Challenge – Water: Food, Energy and Environmental Security	1:30 PM - 3:30 PM PCC, 232 B
131	Symposium--Harnessing Senior and Emeritus Members to Advance Agronomy, Crops and Soils	3:00 PM - 4:30 PM PCC, 128 A
150	Developing Research and Extension Skills of Students in Integrated Agronomic Systems	4:00 PM - 6:00 PM PCC, Exhibit Hall CDE
Tuesday		
210	Gateway Scholars Program	8:00 AM - 4:00 PM PCC, 128 A
230	ACS528 Diversity Student Poster Competition	9:30 AM - 12:00 PM PCC, Exhibit Hall CDE
254	Science Policy Graduate Student Luncheon	12:00 PM - 1:30 PM Sheraton, Valley of the Sun DE
258	Symposium--Adapting Cropping Systems to Drought and Water Scarcity	1:00 PM - 4:50 PM PCC, 124 B
274	Symposium--Manufactured, Blended, and Engineered Soils for Urban Applications	1:30 PM - 3:15 PM PCC, 124 A
284	Symposium--Pulse Crops: Partners in Resilience	1:30 PM - 4:00 PM PCC, 221 B
354	Election Night Watch Party	6:00 PM - 9:00 PM PCC, Ballroom 120 B-D
Wednesday		
373	Symposium--Humic Products: Optimizing Agroecosystem Balance	8:00 AM - 12:00 PM PCC, 230
388	Symposium--Transforming Smallholder Agronomy in Africa	9:10 AM - 10:55 AM PCC, 226 C
Students of Agronomy, Soils and Environmental Sciences (SASES)		
Friday		
1	SASES Registration	5:00 PM - 9:00 PM PCC, Reg Ctr, 3rd Level
2	SASES National Officer Meeting	7:00 PM - 7:55 PM PCC, Reg Ctr, 3rd Level
3	SASES Committee Member Meeting	8:00 PM - 9:00 PM PCC, Reg Ctr, 3rd Level
Saturday		
4	SASES Registration II	6:00 AM - 7:30 AM PCC, Reg Ctr, 3rd Level
5	SASES Tours	7:30 AM - 6:00 PM PCC, 3rd St Entrance
7	Presidents Trophy Competition	7:00 PM - 8:30 PM PCC, 224 AB
8	SASES Business Meeting I	8:30 PM - 9:30 PM PCC, 224 AB
9	SASES Dance	10:00 PM - 11:55 PM Hyatt, Regency Ballroom ABCD
Sunday		
10	SASES Registration: III	7:30 AM - 9:00 AM PCC, Reg Ctr, 3rd Level
11	SASES Brunch and Keynote Speaker	9:00 AM - 10:30 AM Sheraton, Valley of the Sun ABC

Cosponsored sessions are identified in *italic*.

SESSION No./TITLE	DATE & TIME	LOCATION
12 SASES Business Meeting II	10:30 AM - 11:30 AM	Sheraton, Valley of the Sun ABC
13 Undergraduate Research Contest - Oral II	12:00 PM - 2:20 PM	PCC, 225 A
14 Undergraduate Research Contest - Oral I	12:00 PM - 2:35 PM	PCC, 226 A
19 SASES National Speech Contest Prelims: II	2:30 PM - 4:00 PM	PCC, 225 A
18 SASES National Speech Contest Prelims: I	2:45 PM - 4:00 PM	PCC, 226 A
23 Undergraduate Professional Development Workshop	3:30 PM - 5:00 PM	PCC, 228 A
27 SASES Club Poster Contest	5:00 PM - 6:00 PM	
Graduate School Forum	7:00 PM - 9:00 PM	PCC, Exhibit Hall CDE
29 SASES National Speech Contest - Finals	8:00 PM - 9:00 PM	PCC, 224 AB
30 SASES Quiz Bowl	9:00 PM - 11:00 PM	PCC, 224 AB
Monday		
50 SASES Club Presidents' Round Table	8:30 AM - 10:00 AM	PCC, 230
Graduate School Forum	9:00 AM - 6:00 PM	PCC, Exhibit Hall CDE
61 Career Path Opportunities for Students, Post-Docs, and Early Career Members	9:30 AM - 11:00 AM	PCC, Ballroom 120D
74 CCA Career Accelerator Round Table	10:00 AM - 12:00 PM	PCC, 229 B
75 Grad School Workshop for Undergrads	10:00 AM - 12:00 PM	PCC, 228 A
87 Pop in with the Presidents	12:00 PM - 1:30 PM	
86 SASES Advisor Luncheon	12:00 PM - 1:00 PM	PCC, 230
91 Crops Judging Contest Showcase	1:00 PM - 3:00 PM	PCC, Ballroom 120D
137 <i>Career Fair</i>	3:00 PM - 6:00 PM	PCC, Exhibit Hall CDE, Career Center
133 Undergraduate Research Contest - Poster Section I	3:00 PM - 5:00 PM	PCC, Exhibit Hall CDE
135 Undergraduate Research Contest - Poster Section II	3:00 PM - 5:00 PM	PCC, Exhibit Hall CDE
132 Undergraduate Research Contest - Poster Section III	3:00 PM - 5:00 PM	PCC, Exhibit Hall CDE
134 Undergraduate Research Contest - Poster Section IV	3:00 PM - 5:00 PM	PCC, Exhibit Hall CDE
136 Undergraduate Research Contest - Poster Section V	3:00 PM - 5:00 PM	PCC, Exhibit Hall CDE
188 Delegate Training for SASES Clubs	5:45 PM - 6:30 PM	Sheraton, Valley of the Sun ABC
190 SASES Dinner, Awards, and Elections	6:30 PM - 9:00 PM	Sheraton, Valley of the Sun ABC
191 SASES Social	9:30 PM - 11:55 PM	Sheraton, Encanto AB
Tuesday		
Graduate School Forum	9:00 AM - 6:00 PM	PCC, Exhibit Hall CDE
Wednesday		
Graduate School Forum	9:00 AM - 4:30 PM	PCC, Exhibit Hall CDE
ACS238 Graduate Student Committee		
Saturday		
6 Graduate Student Leadership Conference	10:00 AM - 5:00 PM	PCC, 229 AB
Sunday		
25 Graduate Student Networking Session - Building Professional Relations	4:00 PM - 6:00 PM	PCC, 229 AB
Monday		
61 Career Path Opportunities for Students, Post-Docs, and Early Career Members	9:30 AM - 11:00 AM	PCC, Ballroom 120D
90 Behavioral Interviewing	1:00 PM - 2:30 PM	PCC, 224 B
137 <i>Career Fair</i>	3:00 PM - 6:00 PM	PCC, Exhibit Hall CDE, Career Center
Tuesday		
352 Elevator Speech Contest for Grad Students and Post-Docs	5:30 PM - 6:45 PM	PCC, 121 C
Wednesday		
380 Communicating Your Science for Graduate Students: Messaging for a Greater Impact	8:30 AM - 11:30 AM	PCC, 229 A
428 Think Tank on the Future of Agricultural and Environmental Research: Addressing the Need to Do More with Less	12:00 PM - 1:30 PM	PCC, 224 AB
ACS530 Early Career Members		
Monday		
61 <i>Career Path Opportunities for Students, Post-Docs, and Early Career Members</i>	9:30 AM - 11:00 AM	PCC, Ballroom 120D
90 Behavioral Interviewing	1:00 PM - 2:30 PM	PCC, 224 B
92 Interactive Workshop: Writing Manuscripts for Publication	1:00 PM - 3:00 PM	PCC, 229 A
140 Expert panel: ASA/CSSA/SSSA Journals – From Manuscript Submission to Publishing.	3:15 PM - 4:45 PM	PCC, 229 A

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SESSION No./TITLE	DATE & TIME	LOCATION
Tuesday		
222	Negotiation Strategies for Early Career Scientists	9:30 AM - 11:00 AM PCC, 230
255	Tips from the Experts on the Job Application and Interviewing Process	12:30 PM - 2:00 PM PCC, 230
288	Building Active Teaching- and Extension-based Programs	2:00 PM - 4:00 PM PCC, 230
Wednesday		
387	Grant Application Navigation and Resources for Expanding Early Career Opportunities	9:00 AM - 11:00 AM PCC, 229 B
ASA Section: Agronomic Production Systems		
Sunday		
	<i>Comet-Farm: Evaluate How Conservation Practices Can Impact the Carbon Footprint of Agriculture and Forestry.</i>	8:30 AM - 12:30 PM PCC, 227 B
Monday		
46	Agronomic Production Section, General II Oral	8:00 AM - 3:15 PM PCC, 126 A
57	<i>Symposium--Sustainable Intensification: Global Frameworks and Implications for the U.S.</i>	9:15 AM - 12:00 PM PCC, 128 A
142	ASA Business Meeting--Agronomic Production Systems	3:20 PM - 4:20 PM PCC, 126 A
Tuesday		
237	Agronomic Production Systems Oral	9:55 AM - 11:55 AM PCC, 127 A
258	<i>Symposium--Adapting Cropping Systems to Drought and Water Scarcity</i>	1:00 PM - 4:50 PM PCC, 124 B
267	Poster and 5 Minute Rapid--Agronomic Production Systems	1:30 PM - 2:10 PM PCC, 126 B
289	<i>Gypsum Use in Agriculture Poster</i>	2:00 PM - 4:00 PM PCC, Exhibit Hall CDE
291	<i>Symposium--Building Resilience to Face Climate Change in China-US Collaborative Research</i>	2:00 PM - 5:00 PM PCC, 226 C
292	5 Minute Rapid--Agronomic Production Systems	2:15 PM - 2:55 PM PCC, 126 B
Wednesday		
363	<i>New Frontiers of Soil and Plant Sciences: Astropedology and Space Agriculture</i>	7:55 AM - 12:00 PM PCC, 125 B
453	Agronomic Production Systems, General Poster	2:30 PM - 4:30 PM PCC, Exhibit Hall CDE
452	Agronomic Production Systems, Cropping Systems and Tillage Poster	2:30 PM - 4:30 PM PCC, Exhibit Hall CDE
Adaptive Nutrient Management Community		
Monday		
80	ASA Community Bus. Meeting--Adaptive Nutrient Management	10:30 AM - 11:00 AM PCC, 126 B
Applied Soybean Research Community		
Monday		
59	Applied Soybean Research Oral (includes student competition)	9:25 AM - 3:15 PM PCC, 125 A
128	<i>Symposium--QTL That Matter</i>	2:30 PM - 4:35 PM PCC, 123
139	ASA Community Business Meeting--Applied Soybean Research	3:15 PM - 4:00 PM PCC, 125 A
151	Applied Soybean Research Poster	4:00 PM - 6:00 PM PCC, Exhibit Hall CDE
Bioenergy Systems Community		
Monday		
49	General Bioenergy Systems Oral	8:25 AM - 3:00 PM PCC, 125 B
128	<i>Symposium--QTL That Matter</i>	2:30 PM - 4:35 PM PCC, 123
154	General Bioenergy Systems Poster	4:00 PM - 6:00 PM PCC, Exhibit Hall CDE
152	Bioenergy Systems Poster Competition	4:00 PM - 6:00 PM PCC, Exhibit Hall CDE
Wednesday		
369	<i>Symposium--Biofuel Crop Production without Competing for Food Crops</i>	8:00 AM - 10:55 AM PCC, 227 B
394	<i>Symposium--the Prominent Role of Plant Genetic Resources and Genebanks in the Post-Genomic Era</i>	9:30 AM - 11:30 AM Sheraton, Valley of the Sun D
412	ASA Community Business Meeting--Bioenergy Systems (Open to Members)	11:00 AM - 12:00 PM PCC, 227 B
Cotton and Other Fibers Community		
Sunday		
20	<i>Symposium--Enabling Fiber Productivity Increases through Multi-Disciplinary Innovations</i>	3:00 PM - 4:50 PM PCC, 221 B
26	ASA Community Business Meeting--Cotton and Other Fibers	4:50 PM - 5:30 PM PCC, 221 B
Monday		
128	<i>Symposium--QTL That Matter</i>	2:30 PM - 4:35 PM PCC, 123
Tuesday		
317	Cotton and Other Fiber Crops (includes student competition)	4:00 PM - 6:00 PM PCC, Exhibit Hall CDE

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SESSION No./TITLE	DATE & TIME	LOCATION
Crop Irrigation Strategies and Management Community		
Sunday		
<i>Irrigation and Cropping Systems of Central Arizona</i>	8:00 AM - 2:00 PM	PCC, 3rd St Entrance
<i>Field-Based Phenotyping in Maricopa-Sunday</i>	11:00 AM - 4:00 PM	PCC, 3rd St Entrance
Monday		
153 Crop Irrigation Strategies and Management Poster (includes student competition)	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Tuesday		
220 Crop Irrigation Strategies and Management Oral (includes student competition)	9:30 AM - 10:50 AM	PCC, 126 B
232 <i>Symposium--Partitioning of Evapotranspiration: Instrumentation and Simulation</i>	9:30 AM - 12:15 PM	PCC, 126 A
247 ASA Community Business Meeting--Crop Irrigation Strategies and Management	11:10 AM - 12:00 PM	PCC, 126 B
258 <i>Symposium--Adapting Cropping Systems to Drought and Water Scarcity</i>	1:00 PM - 4:50 PM	PCC, 124 B
281 <i>Evapotranspiration Measurements and Modeling Oral (includes student competition)</i>	1:30 PM - 3:45 PM	PCC, 126 A
Wednesday		
389 <i>Symposium--Sensing for Phenotyping and Management: What Can Remote and Proximal Sensors Tell Us about Physiological Properties of Crops? Field-Based Phenotyping in Maricopa-Wednesday</i>	9:25 AM - 11:25 AM 12:30 PM - 4:00 PM	Sheraton, Ahwatukee A PCC, 3rd St Entrance
Crop Management Professionals Community		
Sunday		
20 <i>Symposium--Enabling Fiber Productivity Increases through Multi-Disciplinary Innovations</i>	3:00 PM - 4:50 PM	PCC, 221 B
Monday		
114 <i>Symposium--so You Think You're an Expert - Consulting As an Expert Witness</i>	1:30 PM - 4:00 PM	PCC, 227 C
Tuesday		
207 Symposium--Crop Management as related to CCA specialty certification exam prep	8:00 AM - 12:00 PM	PCC, 121 AB
Wednesday		
376 Symposium--Sustainable Agronomic Practices	8:00 AM - 5:00 PM	PCC, 121 AB
416 ASA Community Bus. Meeting--Crop Management Professionals	11:30 AM - 12:00 PM	PCC, 231 C
Integrated Pest Management Professionals Community		
Monday		
44 Symposium--IPM Resistance Management as related to CCA specialty certification exam prep	8:00 AM - 12:00 PM	PCC, 121 AB
Wednesday		
376 <i>Symposium--Sustainable Agronomic Practices</i>	8:00 AM - 5:00 PM	PCC, 121 AB
417 ASA Community Business Meeting-- Integrated Pest Management Professionals	11:30 AM - 12:00 PM	PCC, 231 C
Nutrient Management Professionals Community		
Monday		
83 ASA Community Bus. Mtg--Nutrient Management Professionals	11:00 AM - 11:30 AM	PCC, 126 B
93 Symposium--Nutrient Management as related to CCA specialty certification exam prep	1:00 PM - 5:00 PM	PCC, 121 AB
Tuesday		
225 <i>Symposium--Decision Agriculture: Integrating Precision Tools, Data Science, and Agronomic Knowledge for Improved Decisions</i>	9:30 AM - 11:30 AM	PCC, 126C
271 <i>Manure Management: Maximizing Plant Production and Nutrient Use Efficiency</i>	1:30 PM - 3:05 PM	PCC, 125 A
319 <i>On-Farm Research: Advancing Precision Ag Tools, Data Analysis and Extension implications (includes student competition)</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Wednesday		
376 <i>Symposium--Sustainable Agronomic Practices</i>	8:00 AM - 5:00 PM	PCC, 121 AB
404 <i>On-Farm Research: II. Advancing Precision Ag Tools</i>	10:15 AM - 3:00 PM	PCC, 223
Organic Management Systems Community		
Monday		
126 Symposium--Sustainability Challenges in Organic Agriculture	2:00 PM - 5:00 PM	PCC, 124 B

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SESSION No./TITLE	DATE & TIME	LOCATION
Tuesday		
203 General Organic Management Systems Oral I (includes student competition)	8:00 AM - 9:50 AM	PCC, 127 A
318 General Organic Management Systems Poster (includes student competition)	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Wednesday		
405 General Organic Management Systems Oral II (includes student competition)	10:25 AM - 12:00 PM	PCC, 231 A
433 ASA Community Bus. Meeting--Organic Management Systems	1:30 PM - 2:30 PM	PCC, 225 A
Precision Agriculture Systems Community		
Monday		
81 <i>On-Farm Research: I. Data Analysis & Extension Implications</i>	10:40 AM - 12:00 PM	PCC, 127 B
Tuesday		
225 Symposium--Decision Agriculture: Integrating Precision Tools, Data Science, & Agronomic Knowledge for Improved Decisions	9:30 AM - 11:30 AM	PCC, 126C
234 <i>Symposium--Crop Modeling and Plant Breeding: Intersecting Disciplines for a Resilient Agriculture</i>	9:45 AM - 11:35 AM	PCC, 122 BC
251 ASA Community Bus. Meeting--Precision Agriculture Systems	11:30 AM - 12:30 PM	PCC, 126C
258 <i>Symposium--Adapting Cropping Systems to Drought & Water Scarcity</i>	1:00 PM - 4:50 PM	PCC, 124 B
319 On-Farm Research: Advancing Precision Ag Tools, Data Analysis and Extension implications (includes student competition)	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Wednesday		
404 On-Farm Research: II. Advancing Precision Ag Tools	10:15 AM - 3:00 PM	PCC, 223
Professional Applied Agronomists Community		
Sunday		
<i>Comet-Farm: Evaluate How Conservation Practices Can Impact the Carbon Footprint of Agriculture and Forestry.</i>	8:30 AM - 12:30 PM	PCC, 227 B
Monday		
114 <i>Symposium--so You Think You're an Expert - Consulting As an Expert Witness</i>	1:30 PM - 4:00 PM	PCC, 227 C
185 ASA Community Bus. Mtg--Professional Applied Agronomists	4:10 PM - 4:40 PM	PCC, 126 B
Tuesday		
258 <i>Symposium--Adapting Cropping Systems to Drought & Water Scarcity</i>	1:00 PM - 4:50 PM	PCC, 124 B
Semi-Arid Dryland Cropping Systems Community		
Monday		
51 Symposium--Global Semiarid Cropping Systems Adaptation to Climate Variability	8:30 AM - 10:30 AM	PCC, 124 B
82 ASA Community Business Meeting-- Semi-Arid Dryland Cropping Systems	10:45 AM - 11:45 AM	PCC, 124 B
112 Semiarid Dryland Cropping Systems Oral	1:30 PM - 4:00 PM	PCC, 228 A
Tuesday		
320 Semiarid Dryland Cropping Systems Poster (includes student competition)	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Sensor-Based Nutrient Management Community		
Monday		
33 Sensor Based Nutrient Management (includes student competition)	7:45 AM - 10:00 AM	PCC, 126 B
Wednesday		
403 Symposium--Use of Aerial Imagery for Nutrient Management	10:15 AM - 11:50 AM	PCC, 231 B
427 ASA Community Business Meeting-- Sensor-Based Nutrient Management	11:50 AM - 12:20 PM	PCC, 231 B
Soil and Water Management Professionals Community		
Monday		
106 <i>Symposium--the Grand Challenge - Water: Food, Energy and Environmental Security</i>	1:30 PM - 3:30 PM	PCC, 232 B
114 <i>Symposium--so You Think You're an Expert - Consulting As an Expert Witness</i>	1:30 PM - 4:00 PM	PCC, 227 C
Tuesday		
259 Symposium--Soil and Water Management as related to CCA specialty certification exam prep	1:00 PM - 5:00 PM	PCC, 121 AB
258 <i>Symposium--Adapting Cropping Systems to Drought & Water Scarcity</i>	1:00 PM - 4:50 PM	PCC, 124 B

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SESSION No./TITLE	DATE & TIME	LOCATION
Wednesday		
376 <i>Symposium--Sustainable Agronomic Practices</i>	8:00 AM - 5:00 PM	PCC, 121 AB
418 ASA Community Business Meeting-- <i>Soil and Water Management Professionals</i>	11:30 AM - 12:00 PM	PCC, 231 C
Solar Corridor Crop System Community		
Wednesday		
419 ASA Community Business Meeting--Solar Corridor Crop System	11:30 AM - 12:00 PM	PCC, 227 A
Weedy and Invasive Plant Species Community		
Monday		
123 <i>Symposium--Plant-Plant Communication: Implications for Novel Control of Invasive Weeds and Yield Resilience</i>	2:00 PM - 3:45 PM	PCC, 126 B
147 ASA Community Bus. Mtg--Weedy and Invasive Plant Species	3:35 PM - 3:45 PM	PCC, 126 B
ASA Section: Biometry and Statistical Computing		
Sunday		
<i>Introduction to JMP Software</i>	8:30 AM - 11:30 AM	PCC, 227 A
<i>Utilizing the GAPIT R Package to Facilitate Analysis of Diversity Panels</i>	9:00 AM - 11:00 AM	PCC, 228 A
<i>Intro to Multivariate Analysis</i>	1:00 PM - 5:00 PM	PCC, 227 B
<i>Advanced Techniques in JMP Software</i>	1:30 PM - 4:30 PM	PCC, 227 A
Monday		
<i>Implementing Genomic Selection in Plant Breeding Programs</i>	8:00 AM - 12:00 PM	PCC, 227 A
63 <i>Symposium--Multivariate Analysis in Agronomy</i>	9:30 AM - 11:35 AM	PCC, 122 A
109 <i>Biometry & Statistical Computing Oral</i>	1:30 PM - 3:35 PM	PCC, 122 A
155 <i>Biometry & Statistical Computing Poster</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Tuesday		
309 ASA Business Meeting--Biometry & Statistical Computing	4:00 PM - 4:50 PM	PCC, 221 C
Bioinformatics in Crops and Soils Community		
Sunday		
<i>Utilizing the GAPIT R Package to Facilitate Analysis of Diversity Panels</i>	9:00 AM - 11:00 AM	PCC, 228 A
<i>Intro to Multivariate Analysis</i>	1:00 PM - 5:00 PM	PCC, 227 B
Monday		
37 <i>Symposium--Plant Breeding Post Genome Sequence: Where Do We Go from Here?</i>	8:00 AM - 9:50 AM	PCC, 122 BC
128 <i>Symposium--QTL That Matter</i>	2:30 PM - 4:35 PM	PCC, 123
Tuesday		
279 <i>Symposium--Processing High-Throughput Data for Statistical Analysis</i>	1:30 PM - 3:35 PM	PCC, 221 C
310 ASA Community Bus. Mtg--Bioinformatics in Crops and Soils	4:00 PM - 4:50 PM	PCC, 221 C
Wednesday		
394 <i>Symposium--the Prominent Role of Plant Genetic Resources and Genebanks in the Post-Genomic Era</i>	9:30 AM - 11:30 AM	Sheraton, Valley of the Sun D
Spatial Statistics Applications Community		
Tuesday		
311 ASA Community Bus. Meeting--Spatial Statistics Applications	4:00 PM - 4:50 PM	PCC, 221 C
Statistical Education/Training for Researchers Community		
Sunday		
<i>Introduction to JMP Software</i>	8:30 AM - 11:30 AM	PCC, 227 A
<i>Intro to Multivariate Analysis</i>	1:00 PM - 5:00 PM	PCC, 227 B
<i>Advanced Techniques in JMP Software</i>	1:30 PM - 4:30 PM	PCC, 227 A
Monday		
<i>Implementing Genomic Selection in Plant Breeding Programs</i>	8:00 AM - 12:00 PM	PCC, 227 A
Tuesday		
312 ASA Community Business Meeting-- Statistical Education/Training for Researchers	4:00 PM - 4:50 PM	PCC, 221 C
ASA Section: Climatology and Modeling		
Sunday		
<i>Field-Based Phenotyping in Maricopa-Sunday</i>	11:00 AM - 4:00 PM	PCC, 3rd St Entrance
Tuesday		
204 <i>Remote Sensing of Land Surface and Vadose Zone Hydrologic Processes Oral</i>	8:00 AM - 10:00 AM	PCC, 131 A
234 <i>Symposium--Crop Modeling and Plant Breeding: Intersecting Disciplines for a Resilient Agriculture</i>	9:45 AM - 11:35 AM	PCC, 122 BC

Cosponsored sessions are identified in *italic*.

SESSION No./TITLE	DATE & TIME	LOCATION
260 Climatology and Modeling Oral	1:15 PM - 5:05 PM	PCC, 126C
291 <i>Symposium--Building Resilience to Face Climate Change in China-US Collaborative Research</i>	2:00 PM - 5:00 PM	PCC, 226 C
321 Climatology and Modeling Poster	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
353 ASA Business Meeting--Climatology and Modeling	6:00 PM - 7:15 PM	PCC, 126C
Wednesday		
361 <i>Symposium--Honoring the Contributions of Laj Ahuja: Building Bridges Among Disciplines By Synthesizing and Quantifying Soil and Plant Processes for Whole Systems Modeling</i>	7:30 AM - 10:45 AM	PCC, 227 C
409 <i>Honoring the Contributions of Laj Ahuja: Building Bridges Among Disciplines by Synthesizing and Quantifying Soil and Plant Processes for Whole Systems Modeling Oral</i>	10:55 AM - 2:30 PM	PCC, 227 C
<i>Field-Based Phenotyping in Maricopa-Wednesday</i>	12:30 PM - 4:00 PM	PCC, 3rd St Entrance
455 <i>Honoring the Contributions of Laj Ahuja: Building Bridges Among Disciplines By Synthesizing and Quantifying Soil and Plant Processes for Whole Systems Modeling Poster</i>	2:30 PM - 4:30 PM	PCC, Exhibit Hall CDE
Agroclimatology and Agronomic Modeling Community		
Tuesday		
225 <i>Symposium--Decision Agriculture: Integrating Precision Tools, Data Science, and Agronomic Knowledge for Improved Decisions</i>	9:30 AM - 11:30 AM	PCC, 126C
229 <i>Symposium--Nitrogen Modeling Programs</i>	9:30 AM - 11:55 AM	PCC, 129 B
234 <i>Symposium--Crop Modeling and Plant Breeding: Intersecting Disciplines for a Resilient Agriculture</i>	9:45 AM - 11:35 AM	PCC, 122 BC
291 <i>Symposium--Building Resilience to Face Climate Change in China-US Collaborative Research</i>	2:00 PM - 5:00 PM	PCC, 226 C
319 <i>On-Farm Research: Advancing Precision Ag Tools, Data Analysis and Extension implications (includes student competition)</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
357 ASA Community Business Meeting-- Agroclimatology and Agronomic Modeling	7:15 PM - 7:30 PM	PCC, 126C
Wednesday		
361 <i>Symposium--Honoring the Contributions of Laj Ahuja: Building Bridges Among Disciplines By Synthesizing and Quantifying Soil and Plant Processes for Whole Systems Modeling</i>	7:30 AM - 10:45 AM	PCC, 227 C
404 <i>On-Farm Research: II. Advancing Precision Ag Tools</i>	10:15 AM - 3:00 PM	PCC, 223
409 <i>Honoring the Contributions of Laj Ahuja: Building Bridges Among Disciplines by Synthesizing and Quantifying Soil and Plant Processes for Whole Systems Modeling Oral</i>	10:55 AM - 2:30 PM	PCC, 227 C
455 <i>Honoring the Contributions of Laj Ahuja: Building Bridges Among Disciplines By Synthesizing and Quantifying Soil and Plant Processes for Whole Systems Modeling Poster</i>	2:30 PM - 4:30 PM	PCC, Exhibit Hall CDE
Airborne and Satellite Remote Sensing Community		
Monday		
41 <i>Symposium--Soil Moisture Sensing for Crop Health Assessment and Management</i>	8:00 AM - 11:40 AM	PCC, 231 C
Tuesday		
240 <i>Symposium--Remote Sensing of Land Surface and Vadose Zone Hydrologic Processes</i>	10:00 AM - 12:15 PM	PCC, 131 A
348 <i>Remote Sensing of Land Surface and Vadose Zone Hydrologic Processes Poster</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Wednesday		
374 Agricultural Remote Sensing Oral	8:00 AM - 12:00 PM	PCC, 228 A
420 ASA Community Business Meeting-- Airborne and Satellite Remote Sensing	11:30 AM - 12:00 PM	PCC, 228 A
454 Agricultural Remote Sensing Poster	2:30 PM - 4:30 PM	PCC, Exhibit Hall CDE
Biophysical Measurements and Sensors Community		
Monday		
65 <i>Advances in Soil Sensing and Model Integration with Instrumentation Oral</i>	9:30 AM - 12:00 PM	PCC, 132 C
111 <i>Symposium--Evolution of Biophysical Measurements: Legacy of the US Water Conservation Lab and Advances in Rapid Phenotyping</i>	1:30 PM - 3:55 PM	PCC, 231 C
129 ASA Community Business Meeting-- Biophysical Measurements and Sensors	2:40 PM - 2:55 PM	PCC, 231 C
179 <i>Advances in Soil Sensing and Model Integration with Instrumentation Poster</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE

Cosponsored sessions are identified in *italic*.

SESSION No./TITLE	DATE & TIME	LOCATION
Tuesday		
232 <i>Symposium--Partitioning of Evapotranspiration: Instrumentation and Simulation</i>	9:30 AM - 12:15 PM	PCC, 126 A
281 <i>Evapotranspiration Measurements and Modeling Oral (includes student competition)</i>	1:30 PM - 3:45 PM	PCC, 126 A
322 <i>Evapotranspiration Measurements and Modeling Poster (includes student competition)</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Evapotranspiration Measurement and Modeling Community		
Tuesday		
232 <i>Symposium--Partitioning of Evapotranspiration: Instrumentation and Simulation</i>	9:30 AM - 12:15 PM	PCC, 126 A
281 <i>Evapotranspiration Measurements and Modeling Oral (includes student competition)</i>	1:30 PM - 3:45 PM	PCC, 126 A
303 <i>ASA Community Business Meeting--Evapotranspiration Measurement and Modeling</i>	3:30 PM - 3:45 PM	PCC, 126 A
322 <i>Evapotranspiration Measurements and Modeling Poster (includes student competition)</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Global Climate Change Community		
Monday		
40 <i>Global Climate Change General Oral (includes student competition)</i>	8:00 AM - 11:30 AM	PCC, 232 B
56 <i>Symposium--Counting Carbon on the Farm: Science, System, and Support</i>	9:00 AM - 11:25 AM	PCC, 227 C
110 <i>Symposium--Extreme Temperature and Drought Effects on ET and Crop Water Stress: Data, Concepts, and Modeling</i>	1:30 PM - 3:50 PM	PCC, 232 A
149 <i>Global Climate Change General Poster (includes student competition)</i>	4:00 PM - 5:00 PM	PCC, Exhibit Hall CDE
Tuesday		
291 <i>Symposium--Building Resilience to Face Climate Change in China-US Collaborative Research</i>	2:00 PM - 5:00 PM	PCC, 226 C
324 <i>Animal Agriculture & the Environment (includes student competition)</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Wednesday		
447 <i>AgMIP: Advances in Crop & Soil Model Intercomparison and Improvement Oral</i>	2:00 PM - 3:25 PM	PCC, 228 A
477 <i>AgMIP: Advances in Crop & Soil Model Intercomparison and Improvement Poster</i>	3:30 PM - 4:30 PM	PCC, Exhibit Hall CDE
479 <i>ASA Community Business Meeting--Global Climate Change</i>	3:35 PM - 4:00 PM	PCC, 228 A
Model Applications in Field Research Community		
Monday		
55 <i>Model Applications in Field Research Oral I</i>	9:00 AM - 11:20 AM	PCC, 232 A
110 <i>Symposium--Extreme Temperature and Drought Effects on ET and Crop Water Stress: Data, Concepts, and Modeling</i>	1:30 PM - 3:50 PM	PCC, 232 A
Tuesday		
225 <i>Symposium--Decision Agriculture: Integrating Precision Tools, Data Science, and Agronomic Knowledge for Improved Decisions</i>	9:30 AM - 11:30 AM	PCC, 126C
234 <i>Symposium--Crop Modeling and Plant Breeding: I ntersecting Disciplines for a Resilient Agriculture</i>	9:45 AM - 11:35 AM	PCC, 122 BC
323 <i>Model Applications in Field Research and Management Poster (includes student competition)</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
319 <i>On-Farm Research: Advancing Precision Ag Tools, Data Analysis and Extension implications (includes student competition)</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Wednesday		
379 <i>Model Applications in Field Research Oral II (includes student competition)</i>	8:30 AM - 10:50 AM	PCC, 228 B
404 <i>On-Farm Research: II. Advancing Precision Ag Tools</i>	10:15 AM - 3:00 PM	PCC, 223
407 <i>ASA Community Business Meeting--Model Applications in Field Research</i>	10:35 AM - 10:50 AM	PCC, 228 B
447 <i>AgMIP: Advances in Crop & Soil Model Intercomparison and Improvement Oral</i>	2:00 PM - 3:25 PM	PCC, 228 A
477 <i>AgMIP: Advances in Crop & Soil Model Intercomparison and Improvement Poster</i>	3:30 PM - 4:30 PM	PCC, Exhibit Hall CDE
Sensor-Based Water Management Community		
Monday		
41 <i>Symposium--Soil Moisture Sensing for Crop Health Assessment and Management</i>	8:00 AM - 11:40 AM	PCC, 231 C

Cosponsored sessions are identified in *italic*.

SESSION No./TITLE	DATE & TIME	LOCATION
111 <i>Symposium--Evolution of Biophysical Measurements: Legacy of the US Water Conservation Lab and Advances in Rapid Phenotyping</i>	1:30 PM - 3:55 PM	PCC, 231 C
179 <i>Advances in Soil Sensing and Model Integration with Instrumentation Poster</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Tuesday		
232 <i>Symposium--Partitioning of Evapotranspiration: Instrumentation and Simulation</i>	9:30 AM - 12:15 PM	PCC, 126 A
281 <i>Evapotranspiration Measurements and Modeling Oral (includes student competition)</i>	1:30 PM - 3:45 PM	PCC, 126 A
308 <i>ASA Community Business Meeting--Sensor-Based Water Management</i>	3:35 PM - 4:05 PM	PCC, 126 B
322 <i>Evapotranspiration Measurements and Modeling Poster (includes student competition)</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Wednesday		
403 <i>Symposium--Use of Aerial Imagery for Nutrient Management</i>	10:15 AM - 11:50 AM	PCC, 231 B
443 <i>Soil-Plant-Water Relations Oral</i>	1:30 PM - 3:35 PM	PCC, 228 B
Soil Carbon and Greenhouse Gas Emissions Community		
Monday		
56 <i>Symposium--Counting Carbon on the Farm: Science, System, and Support</i>	9:00 AM - 11:25 AM	PCC, 227 C
Soil-Plant-Water Relations Community		
Monday		
41 <i>Symposium--Soil Moisture Sensing for Crop Health Assessment and Management</i>	8:00 AM - 11:40 AM	PCC, 231 C
156 <i>Soil-Plant-Water Relations Poster (includes student competition)</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Wednesday		
443 <i>Soil-Plant-Water Relations Oral</i>	1:30 PM - 3:35 PM	PCC, 228 B
480 <i>ASA Community Business Meeting--Soil-Plant-Water Relations</i>	3:35 PM - 4:05 PM	PCC, 228 B
ASA Section: Education and Extension		
Monday		
58 <i>Symposium--100th Anniversary of the Langmuir Equation, 1916-2016</i>	9:20 AM - 12:00 PM	PCC, 130
88 <i>Langmuir's World (Video)</i>	12:00 PM - 4:30 PM	PCC, 130
Wednesday		
363 <i>New Frontiers of Soil and Plant Sciences: Astropedology and Space Agriculture</i>	7:55 AM - 12:00 PM	PCC, 125 B
364 <i>Education and Extension Oral</i>	8:00 AM - 9:50 AM	PCC, 225 B
397 <i>ASA Business Meeting--Education and Extension</i>	9:50 AM - 10:50 AM	PCC, 225 B
451 <i>Education and Extension Poster</i>	2:30 PM - 4:00 PM	PCC, Exhibit Hall CDE
Advancing Agronomy via Public-Private Collaboration Community		
Monday		
100 <i>Symposium--"Hot" Tools and Technologies from Public- and Private-sector Agronomy Programs</i>	1:30 PM - 3:00 PM	PCC, 127 B
130 <i>ASA Community Business Meeting--Advancing Agronomy via Public-Private Collaboration</i>	3:00 PM - 4:00 PM	PCC, 127 B
Extension Education Community		
Monday		
32 <i>Extension Materials on Display I</i>	7:00 AM - 6:00 PM	PCC, Exhibit Hall CDE
81 <i>On-Farm Research: I. Data Analysis & Extension Implications</i>	10:40 AM - 12:00 PM	PCC, 127 B
159 <i>General Extension Education Poster</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
157 <i>Applied Agronomic Research and Extension Poster</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Tuesday		
194 <i>Extension Materials on Display II</i>	7:00 AM - 6:00 PM	PCC, Exhibit Hall CDE
219 <i>Applied Agronomic Research and Extension Oral</i>	9:30 AM - 10:45 AM	PCC, 226 A
244 <i>ASA Community Business Meeting--Extension Education</i>	11:00 AM - 12:00 PM	PCC, 226 A
290 <i>Symposium--Enhancing the Sustainability and Resilience of Food Production with Extension and Integrated Extension-Research Strategies</i>	2:00 PM - 4:05 PM	PCC, 231 A
319 <i>On-Farm Research: Advancing Precision Ag Tools, Data Analysis and Extension implications (includes student competition)</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Wednesday		
360 <i>Extension Materials on Display III</i>	7:00 AM - 4:30 PM	PCC, Exhibit Hall CDE
398 <i>General Extension Education Oral</i>	9:55 AM - 10:30 AM	PCC, 225 A
404 <i>On-Farm Research: II. Advancing Precision Ag Tools</i>	10:15 AM - 3:00 PM	PCC, 223

Cosponsored sessions are identified in *italic*.

SESSION No./TITLE	DATE & TIME	LOCATION
K-12 Outreach and Activities Community		
Monday		
158 Connecting Agronomy and STEM Education in K-12 Poster	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Wednesday		
396 ASA Community Business Meeting--K-12 Outreach and Activities	9:35 AM - 9:50 AM	PCC, 225 A
Social Media in Education/Extension Community		
Monday		
38 Symposium--Say Hello to My Little Friend!: Using Social Media Effectively to Increase Resiliency of Your Programs & Teaching	8:00 AM - 10:15 AM	PCC, 127 A
78 ASA Community Business Meeting--Social Media in Education/Extension	10:15 AM - 10:45 AM	PCC, 127 A
Undergraduate Education Community		
Monday		
58 <i>Symposium--100th Anniversary of the Langmuir Equation, 1916-2016</i>	9:20 AM - 12:00 PM	PCC, 130
88 <i>Langmuir's World (Video)</i>	12:00 PM - 4:30 PM	PCC, 130
160 Undergraduate Education Poster	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Tuesday		
223 Undergraduate Education Oral	9:30 AM - 11:00 AM	PCC, 226 B
245 ASA Community Business Meeting--Undergraduate Education	11:00 AM - 12:00 PM	PCC, 226 B
ASA Section: Environmental Quality		
Sunday		
<i>Comet-Farm: Evaluate How Conservation Practices Can Impact the Carbon Footprint of Agriculture and Forestry.</i>	8:30 AM - 12:30 PM	PCC, 227 B
Monday		
43 Environmental Quality Oral	8:00 AM - 11:45 AM	PCC, 127 C
105 Symposium--Environmental Quality: A One Health Perspective	1:30 PM - 3:25 PM	PCC, 127 C
Tuesday		
274 <i>Symposium--Manufactured, Blended, and Engineered Soils for Urban Applications</i>	1:30 PM - 3:15 PM	PCC, 124 A
306 <i>5 Minute Rapid: Stormwater Management--Where Do Soils Fit in? (includes student competition)</i>	3:30 PM - 4:00 PM	PCC, 226 A
Wednesday		
392 <i>Soil Functional Zone Management: a Vehicle for Enhancing Agroecosystem Services</i>	9:30 AM - 11:20 AM	PCC, 221 A
415 ASA Business Meeting--Environmental Quality	11:15 AM - 12:00 PM	PCC, 122 A
456 Environmental Quality Poster	2:30 PM - 4:30 PM	PCC, Exhibit Hall CDE
Animal Agriculture and the Environment Community		
Monday		
52 Symposium--Manure Management: Measuring and Mitigating Nutrient Losses and Gaseous Emissions	8:30 AM - 10:35 AM	PCC, 228 B
Tuesday		
206 <i>Symposium--Soil Organic Amendments and N Cycling: Strategies to Improve Nitrogen Use Efficiency, Reduce Synthetic Fertilizer Input, Nitrate Leaching, and Nitrous Oxide Emissions</i>	8:00 AM - 11:00 AM	PCC, 131 B
215 <i>Soil N Characterization and N Management</i>	9:25 AM - 11:50 AM	PCC, 130
271 Manure Management: Maximizing Plant Production and Nutrient Use Efficiency	1:30 PM - 3:05 PM	PCC, 125 A
324 Animal Agriculture and the Environment (includes student competition)	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Wednesday		
438 Water and Soil Microbial Populations Affected By Wastewater, Biosolids, and Manure	1:30 PM - 2:40 PM	PCC, 128 B
476 ASA Community Business Meeting--Animal Agriculture and the Environment	2:40 PM - 3:40 PM	PCC, 128 B
Biochar: Agronomic and Environmental Uses Community		
Monday		
48 Show Me the Science: Chemistry, Structure, Techniques, and Stuff (includes student competition)	8:15 AM - 10:20 AM	PCC, 226 B
187 Biochar Period: If You Have Data We Want to See It (includes student competition)	4:30 PM - 6:00 PM	PCC, Exhibit Hall CDE
Wednesday		
384 Where the Rubber Meets the Road: Novel and Real Uses of Biochar to Help People, Profit, and Plant (includes student competition)	9:00 AM - 10:20 AM	PCC, 121 C

Cosponsored sessions are identified in *italic*.

SESSION No./TITLE	DATE & TIME	LOCATION
434 ASA Community Business Meeting--Biochar: Agronomic and Environmental Uses	1:30 PM - 2:30 PM	PCC, 127 C
By-product Gypsum Uses in Agriculture Community		
Tuesday		
233 Current Agricultural and Environmental Uses of Gypsum	9:40 AM - 11:00 AM	PCC, 127 B
246 ASA Community Business Meeting--By-product Gypsum Uses in Agriculture	11:00 AM - 12:30 PM	PCC, 127 B
289 <i>Gypsum Use in Agriculture Poster</i>	2:00 PM - 4:00 PM	PCC, Exhibit Hall CDE
Managing Denitrification in Agronomic Systems Community		
Monday		
121 Symposium--Exchanging Waterway Nutrient Abundance for Scarcity	1:55 PM - 4:00 PM	PCC, 127 A
Tuesday		
221 <i>Watershed Management Planning: Predicting Nutrient Reductions Due to the Implementation of Best Management Practices</i>	9:30 AM - 10:50 AM	PCC, 227 A
296 5 Minute Rapid: Denitrification Strategies to Reduce Nutrient Excesses in Waterways	2:45 PM - 4:05 PM	PCC, 127 C
324 <i>Animal Agriculture & the Environment (includes student competition)</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Nutrients and Environmental Quality Community		
Monday		
106 <i>Symposium--the Grand Challenge – Water: Food, Energy and Environmental Security</i>	1:30 PM - 3:30 PM	PCC, 232 B
121 <i>Symposium--Exchanging Waterway Nutrient Abundance for Scarcity</i>	1:55 PM - 4:00 PM	PCC, 127 A
162 <i>Counting Carbon on the Farm: Science, Systems and Support Poster (includes student competition)</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Tuesday		
221 <i>Watershed Management Planning: Predicting Nutrient Reductions Due to the Implementation of Best Management Practices</i>	9:30 AM - 10:50 AM	PCC, 227 A
271 <i>Manure Management: Maximizing Plant Production and Nutrient Use Efficiency</i>	1:30 PM - 3:05 PM	PCC, 125 A
296 <i>5 Minute Rapid: Denitrification Strategies to Reduce Nutrient Excesses in Waterways</i>	2:45 PM - 4:05 PM	PCC, 127 C
324 <i>Animal Agriculture & the Environment (includes student competition)</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Wednesday		
375 Symposium--Minimizing Phosphorus Losses during the Non-Growing Season	8:00 AM - 12:15 PM	PCC, 124 A
429 ASA Community Business Meeting--Nutrients and Environmental Quality	12:20 PM - 12:35 PM	PCC, 124 A
439 Nutrient Management Law and Regulation	1:30 PM - 3:30 PM	PCC, 128 A
Soil Carbon and Greenhouse Gas Emissions Community		
Sunday		
<i>Comet-Farm: Evaluate How Conservation Practices Can Impact the Carbon Footprint of Agriculture and Forestry.</i>	8:30 AM - 12:30 PM	PCC, 227 B
Monday		
47 Agricultural Practices to Improve Nitrogen-Use Efficiency and Mitigate Greenhouse Gas Emission Oral	8:00 AM - 3:15 PM	PCC, 226 C
52 <i>Symposium--Manure Management: Measuring and Mitigating Nutrient Losses and Gaseous Emissions</i>	8:30 AM - 10:35 AM	PCC, 228 B
56 Symposium--Counting Carbon on the Farm: Science, System, and Support	9:00 AM - 11:25 AM	PCC, 227 C
162 Counting Carbon on the Farm: Science, Systems and Support Poster (includes student competition)	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
161 Agricultural Practices to Improve Nitrogen-Use Efficiency and Mitigate Greenhouse Gas Emission Poster (includes student competition)	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Tuesday		
197 <i>Symposium--Climate Mitigation from Soil - Meeting COP21 Initiative Goals</i>	7:55 AM - 10:00 AM	PCC, 129 A
231 Management Practices and Land-Use Impact on Global Warming Potential and Greenhouse Gas Intensity	9:30 AM - 12:10 PM	PCC, 127 C
268 ASA Community Business Meeting--Soil Carbon and Greenhouse Gas Emissions	1:30 PM - 2:30 PM	PCC, 127 C

Cosponsored sessions are identified in *italic*.

SESSION No./TITLE	DATE & TIME	LOCATION
270 Improving Accuracy and Precision of Soil Carbon and Greenhouse Gas Emission Measurements and Quantification Oral	1:30 PM - 3:00 PM	PCC, 227 A
325 Improving Accuracy and Precision of Soil Carbon and Greenhouse Gas Emission Measurements and Quantification Poster (includes student competition)	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Wednesday		
366 Soil-Plant-Atmosphere Interactions and Soil Carbon Dynamics in Long-Term Research Experiments	8:00 AM - 10:00 AM	PCC, 122 A
Sustainable Intensification Community		
Monday		
57 Symposium--Sustainable Intensification: Global Frameworks and Implications for the U.S.	9:15 AM - 12:00 PM	PCC, 128 A
115 Sustainable Intensification Research: Assessing Multiple Biophysical and Socioeconomic Outcomes	1:30 PM - 4:15 PM	PCC, 228 B
144 ASA Community Business Meeting--Sustainable Intensification Community	3:30 PM - 4:15 PM	PCC, 228 B
Wednesday		
392 <i>Soil Functional Zone Management: a Vehicle for Enhancing Agroecosystem Services</i>	9:30 AM - 11:20 AM	PCC, 221 A
ASA Section: Global Agronomy		
Monday		
57 <i>Symposium--Sustainable Intensification: Global Frameworks and Implications for the U.S.</i>	9:15 AM - 12:00 PM	PCC, 128 A
Wednesday		
371 Global Agronomy Oral	8:00 AM - 11:25 AM	PCC, 226 B
388 <i>Symposium--Transforming Smallholder Agronomy in Africa</i>	9:10 AM - 10:55 AM	PCC, 226 C
435 ASA Business Meeting--Global Agronomy	1:30 PM - 2:30 PM	PCC, 226 B
457 Global Agronomy Poster	2:30 PM - 4:30 PM	PCC, Exhibit Hall CDE
Agronomic Solutions for Smallholders Community		
Tuesday		
226 Symposium--Technologies for Resilience to Climate Change and Information Technologies for Small Stakeholders	9:30 AM - 11:30 AM	PCC, 226 C
248 ASA Community Business Meeting--Agronomic Solutions for Smallholders	11:30 AM - 12:00 PM	PCC, 226 C
Agronomy in Africa Community		
Wednesday		
388 <i>Symposium--Transforming Smallholder Agronomy in Africa</i>	9:10 AM - 10:55 AM	PCC, 226 C
410 ASA Community Business Meeting--Agronomy in Africa	11:00 AM - 11:30 AM	PCC, 226 A
Gaining Access to Agronomic Inputs Community		
Monday		
107 Symposium--Feed the Future - Impacts, Successes and Challenges	1:30 PM - 3:30 PM	PCC, 221 B
143 ASA Community Business Meeting--Gaining Access to Agronomic Inputs	3:30 PM - 4:00 PM	PCC, 221 B
Tuesday		
326 Feed the Future - Impacts, Successes and Challenges Poster	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Global Digital Soil Map Community		
Tuesday		
225 <i>Symposium--Decision Agriculture: Integrating Precision Tools, Data Science, and Agronomic Knowledge for Improved Decisions</i>	9:30 AM - 11:30 AM	PCC, 126C
319 <i>On-Farm Research: Advancing Precision Ag Tools, Data Analysis and Extension implications (includes student competition)</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Wednesday		
404 <i>On-Farm Research: II. Advancing Precision Ag Tools</i>	10:15 AM - 3:00 PM	PCC, 223
421 ASA Community Business Meeting--Global Digital Soil Map	11:30 AM - 12:00 PM	PCC, 226 B
Perennial Grain Development Community		
Wednesday		
422 ASA Community Business Meeting--Perennial Grain Development	11:30 AM - 12:00 PM	PCC, 226 A
432 Perennial Grain Development for a Resilient Society Oral	1:30 PM - 2:05 PM	PCC, 226 A

Cosponsored sessions are identified in *italic*.

SESSION No./TITLE	DATE & TIME	LOCATION
Tropical Legumes Community		
Monday		
128 <i>Symposium--QTL That Matter</i>	2:30 PM - 4:35 PM	PCC, 123
Tuesday		
273 Tropical Legumes Oral	1:30 PM - 3:10 PM	PCC, 226 B
301 ASA Community Business Meeting--Tropical Legumes	3:10 PM - 3:40 PM	PCC, 226 B
327 Tropical Legumes Poster	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
U.S.-Sino Agricultural Research Forum Community		
Tuesday		
265 ASA Community Business Meeting-- U.S.-Sino Agricultural Research Forum	1:30 PM - 2:00 PM	PCC, 226 C
291 Symposium--Building Resilience to Face Climate Change in China-US Collaborative Research	2:00 PM - 5:00 PM	PCC, 226 C
ASA Section: Land Management and Conservation		
Sunday		
<i>Comet-Farm: Evaluate How Conservation Practices Can Impact the Carbon Footprint of Agriculture and Forestry.</i>	8:30 AM - 12:30 PM	PCC, 227 B
Monday		
106 <i>Symposium--the Grand Challenge – Water: Food, Energy and Environmental Security</i>	1:30 PM - 3:30 PM	PCC, 232 B
Tuesday		
275 Land Management and Conservation Oral	1:30 PM - 3:15 PM	PCC, 225 B
305 ASA Business Meeting--Land Management and Conservation	3:30 PM - 4:00 PM	PCC, 225 B
329 Land Management and Conservation Poster	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Agricultural Experiment Station Management Community		
Sunday		
<i>Urban Soils-the Desert/City Interface Phoenix</i>	7:00 AM - 4:30 PM	PCC, 3rd St Entrance
Monday		
54 Symposium--Agricultural Experiment Stations in the Southwest-Successes and Concerns	9:00 AM - 11:00 AM	PCC, 221 A
Wednesday		
383 Reaching out to Our Audience in the 21st Century	9:00 AM - 10:00 AM	PCC, 221 B
399 ASA Community Business Meeting-- Agricultural Experiment Station Management	10:00 AM - 10:30 AM	PCC, 221 B
Cover Crop Management Community		
Monday		
42 Cover Crop Management Oral (includes student competition)	8:00 AM - 11:40 AM	PCC, 221 B
Tuesday		
328 Cover Crop Management Poster	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Wednesday		
365 Economics of Cover Crops and Impact on Crop Productivity Oral	8:00 AM - 9:50 AM	PCC, 221 C
400 ASA Community Business Meeting--Cover Crop Management	10:00 AM - 10:30 AM	PCC, 221 C
444 Symposium--Can Cover Crop Mixtures Maximize Agro-Ecosystem Services?	1:30 PM - 3:40 PM	PCC, 221 C
Military Land Use and Management Community		
Tuesday		
295 ASA Community Business Meeting-- Military Land Use and Management	2:30 PM - 3:30 PM	PCC, 228 A
330 Military Land Use and Management Poster	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Soil Health Community		
Sunday		
<i>Comet-Farm: Evaluate How Conservation Practices Can Impact the Carbon Footprint of Agriculture and Forestry.</i>	8:30 AM - 12:30 PM	PCC, 227 B
20 <i>Symposium--Enabling Fiber Productivity Increases through Multi-Disciplinary Innovations</i>	3:00 PM - 4:50 PM	PCC, 221 B
Monday		
124 Symposium--Soil Health Measurements for Resilient Agriculture: Assessments for Land Managers	2:00 PM - 3:45 PM	PCC, 221 A
Tuesday		
224 Soil Health for Improving Soil Water Dynamics and Agroecosystem Resilience	9:30 AM - 11:20 AM	PCC, 221 A
249 ASA Community Business Meeting--Soil Health	11:30 AM - 12:00 PM	PCC, 221 A

Cosponsored sessions are identified in *italic*.

SESSION No./TITLE	DATE & TIME	LOCATION
331 Soil Health for Resilient Agroecosystems (includes student competition)	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Wednesday		
392 Soil Functional Zone Management: a Vehicle for Enhancing Agroecosystem Services	9:30 AM - 11:20 AM	PCC, 221 A
C01 Crop Breeding and Genetics		
Sunday		
<i>Field-Based Phenotyping in Maricopa-Sunday</i>	11:00 AM - 4:00 PM	PCC, 3rd St Entrance
20 <i>Symposium--Enabling Fiber Productivity Increases through Multi-Disciplinary Innovations</i>	3:00 PM - 4:50 PM	PCC, 221 B
Monday		
37 <i>Symposium--Plant Breeding Post Genome Sequence: Where Do We Go from Here?</i>	8:00 AM - 9:50 AM	PCC, 122 BC
76 <i>Symposium--Utilization of Omics Approaches to Improve Stress Tolerance</i>	10:00 AM - 12:00 PM	PCC, 225 B
128 <i>Symposium--QTL That Matter</i>	2:30 PM - 4:35 PM	PCC, 123
127 <i>Symposium--Approaches in IPR for Delivering Public Benefits of Plant Breeding</i>	2:30 PM - 4:30 PM	PCC, 124 A
128 <i>Symposium--QTL That Matter</i>	2:30 PM - 4:35 PM	PCC, 123
163 <i>Crop Breeding & Genetics Poster I</i> (includes graduate student competition)	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Tuesday		
214 <i>Ron Phillips Plant Genetics Lectureship</i>	8:30 AM - 9:35 AM	PCC, 122 BC
227 <i>Symposium--Novel and Ancient Crops: Small in Acreage, Large in Value</i>	9:30 AM - 11:35 AM	PCC, 122 A
234 <i>Symposium--Crop Modeling and Plant Breeding: Intersecting Disciplines for a Resilient Agriculture</i>	9:45 AM - 11:35 AM	PCC, 122 BC
258 <i>Symposium--Adapting Cropping Systems to Drought and Water Scarcity</i>	1:00 PM - 4:50 PM	PCC, 124 B
282 <i>Crop Breeding & Genetics Oral I</i>	1:30 PM - 3:50 PM	PCC, 122 BC
276 <i>Symposium--Native Crops and Genetic Resources from the Southwest</i>	1:30 PM - 3:30 PM	PCC, 122 A
332 <i>Crop Breeding & Genetics Poster II</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Wednesday		
394 <i>Symposium--the Prominent Role of Plant Genetic Resources and Genebanks in the Post-Genomic Era</i>	9:30 AM - 11:30 AM	Sheraton, Valley of the Sun D
424 <i>CSSA Business Meeting--Joint Division C01 and C07</i>	11:30 AM - 12:30 PM	Sheraton, Valley of the Sun D
<i>Field-Based Phenotyping in Maricopa-Wednesday</i>	12:30 PM - 4:00 PM	PCC, 3rd St Entrance
440 <i>Crop Breeding & Genetics Oral II</i>	1:30 PM - 3:30 PM	PCC, 124 B
C02 Crop Physiology and Metabolism		
Sunday		
<i>Field-Based Phenotyping in Maricopa-Sunday</i>	11:00 AM - 4:00 PM	PCC, 3rd St Entrance
Monday		
34 <i>C-2/C4 Graduate Student Oral Competition - I</i>	7:55 AM - 9:45 AM	PCC, 225 B
76 <i>Symposium--Utilization of Omics Approaches to Improve Stress Tolerance</i>	10:00 AM - 12:00 PM	PCC, 225 B
85 <i>Martin and Ruth Massengale Lectureship</i>	11:00 AM - 12:00 PM	PCC, 224 A
94 <i>C-2/C4 Graduate Student Oral Competition - II</i>	1:10 PM - 3:45 PM	PCC, 225 B
128 <i>Symposium--QTL That Matter</i>	2:30 PM - 4:35 PM	PCC, 123
164 <i>C-2/C-4 Student Competition Poster</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
166 <i>C-4/C-2 Student Competition Poster</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Tuesday		
195 <i>C-2/C4 Graduate Student Oral Competition - III</i>	7:55 AM - 9:15 AM	PCC, 123
217 <i>Crop Physiology and Metabolism Oral</i>	9:25 AM - 12:00 PM	PCC, 123
227 <i>Symposium--Novel & Ancient Crops: Small in Acreage, Large in Value</i>	9:30 AM - 11:35 AM	PCC, 122 A
234 <i>Symposium--Crop Modeling and Plant Breeding: Intersecting Disciplines for a Resilient Agriculture</i>	9:45 AM - 11:35 AM	PCC, 122 BC
256 <i>Crop Physiology and Metabolism Oral II</i>	12:55 PM - 4:00 PM	PCC, 123
Wednesday		
389 <i>Symposium--Sensing for Phenotyping and Management: What Can Remote and Proximal Sensors Tell Us about Physiological Properties of Crops?</i>	9:25 AM - 11:25 AM	Sheraton, Ahwatukee A
425 <i>CSSA Business Meeting--Crop Physiology and Metabolism</i>	11:30 AM - 12:30 PM	Sheraton, Ahwatukee A

Cosponsored sessions are identified in *italic*.

SESSION No./TITLE	DATE & TIME	LOCATION
458 <i>Field-Based Phenotyping in Maricopa-Wednesday</i> Crop Physiology and Metabolism Poster	12:30 PM - 4:00 PM 2:30 PM - 4:30 PM	PCC, 3rd St Entrance PCC, Exhibit Hall CDE
C03 Crop Ecology, Management and Quality		
Monday		
53 Symposium--Crop Perception to Environmental Stress	8:55 AM - 11:00 AM	PCC, 121 C
97 Poster and 5 Minute Rapid-- Crop Ecology, Management and Quality	1:30 PM - 2:05 PM	PCC, 121 C
165 Crop Ecology, Management and Quality Poster	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
150 <i>Developing Research and Extension Skills of Students in Integrated Agronomic Systems</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Tuesday		
218 Crop Ecology, Management and Quality Oral	9:25 AM - 2:15 PM	PCC, 121 C
334 Div. C03 Ph.D. Poster Competition	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
333 Div. C03 M.S. Poster Competition	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Wednesday		
395 CSSA Business Meeting--Crop Ecology, Management and Quality	9:30 AM - 12:00 PM	Sheraton, Camelback B
C04 Seed Physiology, Production and Technology		
Monday		
34 <i>C-2/C4 Graduate Student Oral Competition - I</i>	7:55 AM - 9:45 AM	PCC, 225 B
94 <i>C-2/C4 Graduate Student Oral Competition - II</i>	1:10 PM - 3:45 PM	PCC, 225 B
102 Symposium--Seed Production and Field Performance in Relation to Seed Quality	1:30 PM - 3:10 PM	PCC, 226 A
128 <i>Symposium--QTL That Matter</i>	2:30 PM - 4:35 PM	PCC, 123
138 CSSA Business Meeting-- Seed Physiology, Production and Technology	3:10 PM - 4:10 PM	PCC, 226 A
166 C-4/C-2 Student Competition Poster	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
164 <i>C-2/C-4 Student Competition Poster</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Tuesday		
195 <i>C-2/C4 Graduate Student Oral Competition - III</i>	7:55 AM - 9:15 AM	PCC, 123
C05 Turfgrass Science		
Sunday		
<i>Stiegler Fellowship Golf Fundraiser</i>	6:30 AM - 1:00 PM	PCC, 3rd St Entrance
<i>Introduction to JMP Software</i>	8:30 AM - 11:30 AM	PCC, 227 A
<i>Advanced Techniques in JMP Software</i>	1:30 PM - 4:30 PM	PCC, 227 A
24 What's New in the Turfgrass Industry	4:00 PM - 5:30 PM	PCC, 223
Monday		
35 Turfgrass Ecology and Management (student competition)	7:55 AM - 10:45 AM	PCC, 223
36 Applied Pest Management (student competition)	7:55 AM - 11:15 AM	PCC, 221 C
85 Martin and Ruth Massengale Lectureship	11:00 AM - 12:00 PM	PCC, 224 A
95 Turfgrass Management	1:25 PM - 3:15 PM	PCC, 223
103 Turfgrass Management: Weeds	1:30 PM - 3:20 PM	PCC, 221 C
168 Turfgrass Breeding, Genetics and Molecular Techniques Poster (includes student competition)	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
167 Golf Turf Poster (includes student competition)	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
169 Turfgrass Management Poster	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Tuesday		
198 Golf Turf Management (student competition)	7:55 AM - 10:15 AM	PCC, 224 A
196 Turfgrass Breeding, Genetics, and Molecular Techniques (student competition)	7:55 AM - 10:00 AM	PCC, 225 B
242 Turfgrass Breeding and Genetics	10:25 AM - 11:45 AM	PCC, 225 B
243 Turfgrass Management: Diseases/Insects	10:25 AM - 12:15 PM	PCC, 224 A
261 5 Minute Rapid--Turfgrass Science	1:25 PM - 2:50 PM	PCC, 224 A
263 Symposium--Future of Turf Undergraduate Programs: Admission, Enrollment and Retention	1:25 PM - 3:30 PM	PCC, 224 B
274 <i>Symposium--Manufactured, Blended, and Engineered Soils for Urban Applications</i>	1:30 PM - 3:15 PM	PCC, 124 A
300 5 Minute Rapid -- USGA/GCSAA Sponsored Research	3:00 PM - 4:35 PM	PCC, 224 A
306 <i>5 Minute Rapid: Stormwater Management--Where Do Soils Fit in?</i> (includes student competition)	3:30 PM - 4:00 PM	PCC, 226 A
335 Applied Pest Management Poster (includes student competition)	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
338 Turfgrass Science Poster	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
336 Turf Ecology and Management Poster (includes student competition)	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
337 Turfgrass Management Poster: Pests	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE

Cosponsored sessions are identified in *italic*.

SESSION No./TITLE	DATE & TIME	LOCATION
Wednesday		
393 CSSA Business Meeting--Turfgrass Science	9:30 AM - 11:30 AM	Sheraton, Deer Valley
C06 Forage and Grazinglands		
Sunday		
<i>Introduction to JMP Software</i>	8:30 AM - 11:30 AM	PCC, 227 A
<i>Advanced Techniques in JMP Software</i>	1:30 PM - 4:30 PM	PCC, 227 A
Monday		
39 Robert F Barnes Ph.D. Oral Contest	8:00 AM - 10:35 AM	PCC, 224 A
52 <i>Symposium--Manure Management: Measuring and Mitigating Nutrient Losses and Gaseous Emissions</i>	8:30 AM - 10:35 AM	PCC, 228 B
85 Martin and Ruth Massengale Lectureship	11:00 AM - 12:00 PM	PCC, 224 A
113 Forage and Grazinglands Oral I	1:30 PM - 4:00 PM	PCC, 225 A
170 Robert F Barnes M.S. Poster Contest	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
150 <i>Developing Research and Extension Skills of Students in Integrated Agronomic Systems</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Tuesday		
208 <i>Symposium--Resiliency in Forages and Grazinglands</i>	8:00 AM - 12:00 PM	PCC, 223
285 Forage and Grazinglands Oral II	1:30 PM - 4:00 PM	PCC, 223
271 <i>Manure Management: Maximizing Plant Production and Nutrient Use Efficiency</i>	1:30 PM - 3:05 PM	PCC, 125 A
339 Forage and Grazinglands Poster I	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Wednesday		
390 <i>Symposium--Forage Roundtable</i>	9:30 AM - 10:30 AM	Sheraton, Ahwatukee B
408 CSSA Business Meeting--Forage and Grazinglands	10:45 AM - 11:45 AM	Sheraton, Ahwatukee B
459 Forage and Grazinglands Poster II	2:30 PM - 4:30 PM	PCC, Exhibit Hall CDE
C07 Genomics, Molecular Genetics and Biotechnology		
Monday		
45 Genomics, Molecular Genetics and Biotechnology Oral (includes student competition)	8:00 AM - 2:00 PM	PCC, 124 A
37 <i>Symposium--Plant Breeding Post Genome Sequence: Where Do We Go from Here?</i>	8:00 AM - 9:50 AM	PCC, 122 BC
73 Biomedical, Health-Beneficial and Nutritionally Enhanced Plants Oral	9:45 AM - 12:30 PM	PCC, 123
98 Calvin Sperling Memorial Biodiversity Lectureship	1:30 PM - 2:30 PM	PCC, 123
128 <i>Symposium--QTL That Matter</i>	2:30 PM - 4:35 PM	PCC, 123
127 <i>Symposium--Approaches in IPR for Delivering Public Benefits of Plant Breeding</i>	2:30 PM - 4:30 PM	PCC, 124 A
171 Biomedical, Health-Beneficial and Nutritionally Enhanced Plants Poster	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
163 Crop Breeding & Genetics Poster I (includes graduate student competition)	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Tuesday		
214 Ron Phillips Plant Genetics Lectureship	8:30 AM - 9:35 AM	PCC, 122 BC
227 <i>Symposium--Novel and Ancient Crops: Small in Acreage, Large in Value</i>	9:30 AM - 11:35 AM	PCC, 122 A
234 <i>Symposium--Crop Modeling and Plant Breeding: Intersecting Disciplines for a Resilient Agriculture</i>	9:45 AM - 11:35 AM	PCC, 122 BC
276 <i>Symposium--Native Crops and Genetic Resources from the Southwest</i>	1:30 PM - 3:30 PM	PCC, 122 A
282 Crop Breeding & Genetics Oral I	1:30 PM - 3:50 PM	PCC, 122 BC
276 <i>Symposium--Native Crops and Genetic Resources from the Southwest</i>	1:30 PM - 3:30 PM	PCC, 122 A
304 Poster and 5 Minute Rapid--Plant Genetic Resources	3:30 PM - 3:55 PM	PCC, 122 A
340 Genomics, Molecular Genetics and Biotechnology Poster (includes student competition)	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
341 Plant Genetic Resources Poster	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
332 Crop Breeding & Genetics Poster II	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Wednesday		
394 <i>Symposium--the Prominent Role of Plant Genetic Resources and Genebanks in the Post-Genomic Era</i>	9:30 AM - 11:30 AM	Sheraton, Valley of the Sun D
426 CSSA Business Meeting--Joint Division C07 and C01	11:30 AM - 12:30 PM	Sheraton, Valley of the Sun D
445 Plant Genetic Resources Oral	1:30 PM - 4:20 PM	PCC, 126 A
440 Crop Breeding & Genetics Oral II	1:30 PM - 3:30 PM	PCC, 124 B

Cosponsored sessions are identified in *italic*.

SESSION No./TITLE	DATE & TIME	LOCATION
C08 Plant Genetic Resources		
Monday		
37 Symposium--Plant Breeding Post Genome Sequence: Where Do We Go from Here?	8:00 AM - 9:50 AM	PCC, 122 BC
98 Calvin Sperling Memorial Biodiversity Lectureship	1:30 PM - 2:30 PM	PCC, 123
128 Symposium--QTL That Matter	2:30 PM - 4:35 PM	PCC, 123
127 Symposium--Approaches in IPR for Delivering Public Benefits of Plant Breeding	2:30 PM - 4:30 PM	PCC, 124 A
128 <i>Symposium--QTL That Matter</i>	2:30 PM - 4:35 PM	PCC, 123
127 <i>Symposium--Approaches in IPR for Delivering Public Benefits of Plant Breeding</i>	2:30 PM - 4:30 PM	PCC, 124 A
Tuesday		
192 Frank N. Meyer Medal for Plant Genetic Resources Breakfast and Award	6:30 AM - 8:00 AM	Sheraton, Maryvale B
214 Ron Phillips Plant Genetics Lectureship	8:30 AM - 9:35 AM	PCC, 122 BC
227 Symposium--Novel and Ancient Crops: Small in Acreage, Large in Value	9:30 AM - 11:35 AM	PCC, 122 A
252 CSSA Business Meeting--Plant Genetic Resources	11:35 AM - 12:30 PM	PCC, 122 BC
276 Symposium--Native Crops and Genetic Resources from the Southwest	1:30 PM - 3:30 PM	PCC, 122 A
304 Poster and 5 Minute Rapid--Plant Genetic Resources	3:30 PM - 3:55 PM	PCC, 122 A
341 Plant Genetic Resources Poster	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Wednesday		
394 Symposium--the Prominent Role of Plant Genetic Resources and Genebanks in the Post-Genomic Era	9:30 AM - 11:30 AM	Sheraton, Valley of the Sun D
445 Plant Genetic Resources Oral	1:30 PM - 4:20 PM	PCC, 126 A
C09 Biomedical, Health-Beneficial and Nutritionally Enhanced Plants		
Sunday		
<i>Field-Based Phenotyping in Maricopa-Sunday</i>	11:00 AM - 4:00 PM	PCC, 3rd St Entrance
Monday		
37 <i>Symposium--Plant Breeding Post Genome Sequence: Where Do We Go from Here?</i>	8:00 AM - 9:50 AM	PCC, 122 BC
73 Biomedical, Health-Beneficial and Nutritionally Enhanced Plants Oral	9:45 AM - 12:30 PM	PCC, 123
127 Symposium--Approaches in IPR for Delivering Public Benefits of Plant Breeding	2:30 PM - 4:30 PM	PCC, 124 A
128 <i>Symposium--QTL That Matter</i>	2:30 PM - 4:35 PM	PCC, 123
171 Biomedical, Health-Beneficial and Nutritionally Enhanced Plants Poster	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Tuesday		
214 Ron Phillips Plant Genetics Lectureship	8:30 AM - 9:35 AM	PCC, 122 BC
227 Symposium--Novel and Ancient Crops: Small in Acreage, Large in Value	9:30 AM - 11:35 AM	PCC, 122 A
253 CSSA Business Meeting--Biomedical, Health-Beneficial and Nutritionally Enhanced Plants	11:40 AM - 12:10 PM	PCC, 122 A
276 <i>Symposium--Native Crops and Genetic Resources from the Southwest</i>	1:30 PM - 3:30 PM	PCC, 122 A
Wednesday		
394 <i>Symposium--the Prominent Role of Plant Genetic Resources and Genebanks in the Post-Genomic Era</i>	9:30 AM - 11:30 AM	Sheraton, Valley of the Sun D
<i>Field-Based Phenotyping in Maricopa-Wednesday</i>	12:30 PM - 4:00 PM	PCC, 3rd St Entrance
SSSA Division: Consulting Soil Scientists		
Sunday		
22 SSSA Business Meeting--Consulting Soil Scientists	3:00 PM - 5:30 PM	PCC, 227 C
Monday		
61 <i>Career Path Opportunities for Students, Post-Docs, and Early Career Members</i>	9:30 AM - 11:00 AM	PCC, Ballroom 120D
114 Symposium--so You Think You're an Expert - Consulting As an Expert Witness	1:30 PM - 4:00 PM	PCC, 227 C
189 SSSA Town Hall Meeting	6:00 PM - 7:30 PM	PCC, 224 A
Tuesday		
201 Consulting Soil Scientists Oral	8:00 AM - 9:05 AM	PCC, 227 A
274 <i>Symposium--Manufactured, Blended, and Engineered Soils for Urban Applications</i>	1:30 PM - 3:15 PM	PCC, 124 A

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SESSION No./TITLE	DATE & TIME	LOCATION
306 <i>5 Minute Rapid: Stormwater Management--Where Do Soils Fit in? (includes student competition)</i>	3:30 PM - 4:00 PM	PCC, 226 A
SSSA Division: Forest, Range and Wildland Soils		
Sunday		
<i>Comet-Farm: Evaluate How Conservation Practices Can Impact the Carbon Footprint of Agriculture and Forestry.</i>	8:30 AM - 12:30 PM	PCC, 227 B
Monday		
68 Foundations of Ecological Restoration: Recovery of Soil Functions after Drastic Disturbance Oral	9:30 AM - 12:20 PM	PCC, 132 A
66 <i>Symposium--What Can Soil Science Contribute to Land Surface Model Development</i>	9:30 AM - 12:00 PM	PCC, 132 B
96 <i>Symposium--Soils and Landscapes of the Southwestern United States</i>	1:25 PM - 3:40 PM	PCC, 132 C
119 Forest, Range, and Wildland Soils General Session I Oral	1:40 PM - 3:15 PM	PCC, 132 A
145 5 Minute Rapid--Forest, Range, and Wildland Soils	3:30 PM - 4:15 PM	PCC, 132 A
172 Forest, Range, and Wildland Soils General Session I Poster	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
173 Foundations of Ecological Restoration: Recovery of Soil Functions after Drastic Disturbance Poster	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
189 SSSA Town Hall Meeting	6:00 PM - 7:30 PM	PCC, 224 A
Tuesday		
197 <i>Symposium--Climate Mitigation from Soil - Meeting COP21 Initiative Goals</i>	7:55 AM - 10:00 AM	PCC, 129 A
204 <i>Remote Sensing of Land Surface and Vadose Zone Hydrologic Processes Oral</i>	8:00 AM - 10:00 AM	PCC, 131 A
212 <i>Symposium--Quantifying Uncertainty in Forest Ecosystem Studies</i>	8:15 AM - 12:00 PM	PCC, 132 B
240 <i>Symposium--Remote Sensing of Land Surface and Vadose Zone Hydrologic Processes</i>	10:00 AM - 12:15 PM	PCC, 131 A
264 <i>Symposium--Carbonates, Gypsum, Salts, and Dust</i>	1:25 PM - 3:40 PM	PCC, 131 B
272 Forest, Range, and Wildland Soils General Session II Oral	1:30 PM - 3:05 PM	PCC, 132 B
302 SSSA Business Meeting--Forest, Range, and Wildland Soils	3:15 PM - 4:15 PM	PCC, 132 B
342 Forest, Range, and Wildland Soils General Session II Poster	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
348 <i>Remote Sensing of Land Surface and Vadose Zone Hydrologic Processes Poster</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Wednesday		
367 <i>Symposium--Digital Soil Mapping of Forest Soil Properties</i>	8:00 AM - 10:05 AM	PCC, 122 B
372 <i>Soil Organic Matter Cycling As a Key Critical Zone Process</i>	8:00 AM - 11:30 AM	PCC, 123
402 Forest, Range, and Wildland Soils General Session III Oral	10:05 AM - 12:00 PM	PCC, 122 B
437 Sergei A. Wilde Distinguished Lectureship on Forest Soils	1:30 PM - 2:35 PM	PCC, 122 B
460 Digital Soil Mapping of Forest Soil Properties Poster	2:30 PM - 4:30 PM	PCC, Exhibit Hall CDE
461 Forest, Range, and Wildland Soils General Session III Poster	2:30 PM - 4:30 PM	PCC, Exhibit Hall CDE
SSSA Division: Nutrient Management and Soil and Plant Analysis		
Monday		
60 <i>S4/S8 Ph.D. Oral Competition</i>	9:25 AM - 4:05 PM	PCC, 129 A
72 <i>S4/S8 M.S. Oral Competition</i>	9:30 AM - 3:20 PM	PCC, 129 B
108 Polyhalite Use in Crop Product	1:30 PM - 3:30 PM	PCC, Exhibit Hall CDE
125 <i>S4/S8 M.S. Poster Competition</i>	2:00 PM - 4:00 PM	PCC, Exhibit Hall CDE
178 <i>S4/S8 Ph.D. Poster Competition</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
189 SSSA Town Hall Meeting	6:00 PM - 7:30 PM	PCC, 224 A
Tuesday		
216 Secondary, Micronutrients, and Animal Waste Oral	9:25 AM - 11:55 AM	PCC, 132 C
215 <i>Soil N Characterization and N Management</i>	9:25 AM - 11:50 AM	PCC, 130
229 <i>Symposium--Nitrogen Modeling Programs</i>	9:30 AM - 11:55 AM	PCC, 129 B
235 The Impact of 4Rs (Source, Rate, Time and Place) on Crop Yield Oral	9:50 AM - 2:50 PM	PCC, 132 A
277 General Nutrient Management Poster	1:30 PM - 3:30 PM	PCC, Exhibit Hall CDE
278 Organic Materials As Nutrient Sources	1:30 PM - 3:30 PM	PCC, Exhibit Hall CDE
289 <i>Gypsum Use in Agriculture Poster</i>	2:00 PM - 4:00 PM	PCC, Exhibit Hall CDE
314 SSSA Business Meeting--Nutrient Management and Soil and Plant Analysis	4:00 PM - 5:00 PM	PCC, 129 B
351 Leo M. Walsh Soil Fertility Distinguished Lectureship	5:15 PM - 8:00 PM	PCC, 129 AB
Wednesday		
362 <i>Soil Fertility for Corn, Wheat, and Soybean</i>	7:55 AM - 12:00 PM	PCC, 128 B
378 Fertilizer Management in Minor Acreage Crops Oral	8:25 AM - 11:45 AM	PCC, 127 C
441 Innovations in Soil Testing and Plant Analysis	1:30 PM - 3:30 PM	PCC, Exhibit Hall CDE
449 Impacts of 4Rs (Source, Rate, Time and Place) on Crop Performance Poster	2:00 PM - 4:00 PM	PCC, Exhibit Hall CDE

Cosponsored sessions are identified in *italic*.

SESSION No./TITLE	DATE & TIME	LOCATION
448 Fertilizer Coatings, Stabilizers and Additives	2:00 PM - 4:00 PM	PCC, Exhibit Hall CDE
468 <i>Fertilizer & Lime Responses 1</i>	2:30 PM - 4:30 PM	PCC, Exhibit Hall CDE
470 <i>Soil Fertility and Plant Nutrition Poster</i>	2:30 PM - 4:30 PM	PCC, Exhibit Hall CDE
469 <i>Nutrient-Soil Management Interactions</i>	2:30 PM - 4:30 PM	PCC, Exhibit Hall CDE

SSSA Division: Pedology

Sunday		
17 Soil Pedology Oral	1:55 PM - 4:30 PM	PCC, 221 A
Monday		
79 Symposium--Pedology & Earth's Critical Zone	10:25 AM - 11:30 AM	PCC, 232 C
96 <i>Symposium--Soils and Landscapes of the Southwestern United States</i>	1:25 PM - 3:40 PM	PCC, 132 C
148 <i>Poster and 5 Minute Rapid--Soils and Landscapes of the Southwestern United States (includes student competition)</i>	3:50 PM - 4:15 PM	PCC, 132 C
189 SSSA Town Hall Meeting	6:00 PM - 7:30 PM	PCC, 224 A
Tuesday		
199 Novel Approaches to Quantify and Combat Soil Degradation	7:55 AM - 12:00 PM	PCC, 227 C
197 <i>Symposium--Climate Mitigation from Soil - Meeting COP21 Initiative Goals</i>	7:55 AM - 10:00 AM	PCC, 129 A
204 <i>Remote Sensing of Land Surface and Vadose Zone Hydrologic Processes Oral</i>	8:00 AM - 10:00 AM	PCC, 131 A
211 Fundamental Changes in Soil Taxonomy	8:10 AM - 10:00 AM	PCC, 227 B
240 <i>Symposium--Remote Sensing of Land Surface and Vadose Zone Hydrologic Processes</i>	10:00 AM - 12:15 PM	PCC, 131 A
262 Symposium--Soil Systems - What Are They and Why Are They Important?	1:25 PM - 3:00 PM	PCC, 227 B
264 <i>Symposium--Carbonates, Gypsum, Salts, and Dust</i>	1:25 PM - 3:40 PM	PCC, 131 B
298 Quantitative Pedon Descriptions and Modeling – Digital Soil Morphometrics	2:55 PM - 4:30 PM	PCC, 227 C
344 Soil Pedology Poster	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
348 <i>Remote Sensing of Land Surface and Vadose Zone Hydrologic Processes Poster</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Wednesday		
358 Advancing Pedology Colloquium	7:00 AM - 8:00 AM	PCC, 126 B
363 <i>New Frontiers of Soil and Plant Sciences: Astropedology and Space Agriculture</i>	7:55 AM - 12:00 PM	PCC, 125 B
372 <i>Soil Organic Matter Cycling As a Key Critical Zone Process</i>	8:00 AM - 11:30 AM	PCC, 123
391 SSSA Business Meeting--Soil Pedology	9:30 AM - 11:00 AM	PCC, 126 B
413 <i>Poster and 5 Minute Rapid--Soil Pedology</i>	11:00 AM - 12:05 PM	PCC, 126 B
464 Soil Pedology Poster II	2:30 PM - 4:30 PM	PCC, Exhibit Hall CDE

SSSA Division: Soil and Water Management and Conservation

Sunday		
<i>Urban Soils-the Desert/City Interface Phoenix</i>	7:00 AM - 4:30 PM	PCC, 3rd St Entrance
15 Climate Change Impacts on Soil and Adaptation Strategies Oral	1:30 PM - 4:15 PM	PCC, 226 B
21 Soil and Water Management and Conservation Oral I	3:00 PM - 5:00 PM	PCC, 225 B
Monday		
67 Soil and Water Management and Conservation Oral II	9:30 AM - 12:10 PM	PCC, 231 B
70 <i>Fertilizer and Water Management Effects on the Soil Environment Oral (includes student competition)</i>	9:30 AM - 2:30 PM	PCC, 131 A
77 Soil Management Impacts on Soil Properties and Soil C and N Dynamics Oral I (includes student competition)	10:05 AM - 11:55 AM	PCC, 231 A
117 Soil and Water Management Conservation Oral III	1:30 PM - 4:30 PM	PCC, 231 B
106 <i>Symposium--the Grand Challenge – Water: Food, Energy and Environmental Security</i>	1:30 PM - 3:30 PM	PCC, 232 B
120 Soil Management Impacts on Soil Properties and Soil C and N Dynamics Oral II	1:55 PM - 3:45 PM	PCC, 231 A
176 Soil and Water Management and Conservation Poster I (student competition)	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
175 Quantifying and Predicting Soil Ecosystem Services for Water, Food, Energy and Environmental Security Poster (includes student competition)	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
174 Greenhouse Gas Emissions and Mitigation from Managed Lands Poster (includes student competition)	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
150 <i>Developing Research and Extension Skills of Students in Integrated Agronomic Systems</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
182 <i>Fertilizer and Water Management Effects on the Soil Environment Poster (includes student competition)</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
189 SSSA Town Hall Meeting	6:00 PM - 7:30 PM	PCC, 224 A

Cosponsored sessions are identified in *italic*.

SESSION No./TITLE	DATE & TIME	LOCATION
Tuesday		
197 Symposium--Climate Mitigation from Soil - Meeting COP21 Initiative Goals	7:55 AM - 10:00 AM	PCC, 129 A
206 <i>Symposium--Soil Organic Amendments and N Cycling: Strategies to Improve Nitrogen Use Efficiency, Reduce Synthetic Fertilizer Input, Nitrate Leaching, and Nitrous Oxide Emissions</i>	8:00 AM - 11:00 AM	PCC, 131 B
234 <i>Symposium--Crop Modeling and Plant Breeding: Intersecting Disciplines for a Resilient Agriculture</i>	9:45 AM - 11:35 AM	PCC, 122 BC
241 Greenhouse Gas Emissions and Mitigation from Lands Oral (includes student competition)	10:10 AM - 2:30 PM	PCC, 128 B
258 <i>Symposium--Adapting Cropping Systems to Drought & Water Scarcity</i>	1:00 PM - 4:50 PM	PCC, 124 B
297 Quantifying and Predicting Soil Ecosystem Services for Water, Food, Energy and Environmental Security Oral	2:55 PM - 4:00 PM	PCC, 128 B
343 Soil Management Impacts on Soil Properties and Soil C and N Dynamics Poster I (includes student competition)	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Wednesday		
363 <i>New Frontiers of Soil and Plant Sciences: Astropedology and Space Agriculture</i>	7:55 AM - 12:00 PM	PCC, 125 B
381 Soil and Water Management and Conservation Oral IV	8:30 AM - 11:50 AM	PCC, 127 A
406 Soil Management Impacts on Soil Properties and Soil C and N Dynamics Oral III	10:25 AM - 12:00 PM	PCC, 127 B
436 SSSA Business Meeting-- Soil and Water Management and Conservation	1:30 PM - 2:30 PM	PCC, 127 B
438 <i>Water and Soil Microbial Populations Affected By Wastewater, Biosolids, and Manure</i>	1:30 PM - 2:40 PM	PCC, 128 B
462 Soil and Water Management and Conservation Poster II	2:30 PM - 4:30 PM	PCC, Exhibit Hall CDE
463 Soil Management Impacts on Soil Properties and Soil C and N Dynamics Poster II	2:30 PM - 4:30 PM	PCC, Exhibit Hall CDE
SSSA Division: Soil Biology and Biochemistry		
Sunday		
20 <i>Symposium--Enabling Fiber Productivity Increases through Multi-Disciplinary Innovations</i>	3:00 PM - 4:50 PM	PCC, 221 B
Monday		
62 Microbial Diversity of Oligotrophic Environments: Strategies, Processes, and Functions Oral	9:30 AM - 11:30 AM	PCC, 131 C
64 Soil Health in Agroecosystems/Rangelands Oral	9:30 AM - 12:00 PM	PCC, 131 B
68 <i>Foundations of Ecological Restoration: Recovery of Soil Functions after Drastic Disturbance Oral</i>	9:30 AM - 12:20 PM	PCC, 132 A
118 Symposium--Unearthing the Role of Global Soil Biodiversity in Ecosystems	1:30 PM - 4:45 PM	PCC, 131 C
177 Soil Biology and Biochemistry Poster I (includes student competition)	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
173 <i>Foundations of Ecological Restoration: Recovery of Soil Functions after Drastic Disturbance Poster</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
189 SSSA Town Hall Meeting	6:00 PM - 7:30 PM	PCC, 224 A
Tuesday		
197 <i>Symposium--Climate Mitigation from Soil - Meeting COP21 Initiative Goals</i>	7:55 AM - 10:00 AM	PCC, 129 A
209 Soil Biology and Biochemistry Oral	8:00 AM - 3:10 PM	PCC, 131 C
206 <i>Symposium--Soil Organic Amendments and N Cycling: Strategies to Improve Nitrogen Use Efficiency, Reduce Synthetic Fertilizer Input, Nitrate Leaching, and Nitrous Oxide Emissions</i>	8:00 AM - 11:00 AM	PCC, 131 B
236 <i>Symposium--Soils and Microbial Communities in Newly Formed and Heavily Disturbed Wetland Environments</i>	9:55 AM - 11:30 AM	PCC, 125 B
280 <i>Symposium--the Rhizosphere</i>	1:30 PM - 3:40 PM	PCC, 129 AB
346 Soil Health in Agroecosystems/Rangelands Poster	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
345 Microbial Diversity of Oligotrophic Environments: Strategies, Processes, and Functions Poster	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
324 <i>Animal Agriculture & the Environment (includes student competition)</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Wednesday		
372 Soil Organic Matter Cycling As a Key Critical Zone Process	8:00 AM - 11:30 AM	PCC, 123
368 Resiliency in Soil Microbial Communities Oral - Stress Responses & Hot Spots	8:00 AM - 10:30 AM	PCC, 122 C
382 <i>Physical, Chemical and Biological Processes Controlling Transport and Remediation of Emerging Contaminants in Soils Oral (includes student competition)</i>	8:35 AM - 2:30 PM	PCC, 125 A

Cosponsored sessions are identified in *italic*.

SESSION No./TITLE	DATE & TIME	LOCATION
442 Francis E. Clark Distinguished Lectureship on Soil Biology	1:30 PM - 3:30 PM	PCC, 124 A
438 <i>Water and Soil Microbial Populations Affected By Wastewater, Biosolids, and Manure</i>	1:30 PM - 2:40 PM	PCC, 128 B
466 Soil Biology and Biochemistry Poster II	2:30 PM - 4:30 PM	PCC, Exhibit Hall CDE
465 Resiliency in Soil Microbial Communities Poster	2:30 PM - 4:30 PM	PCC, Exhibit Hall CDE
472 <i>Physical, Chemical, and Biological Processes Controlling Transport and Remediation of Emerging Contaminants in Soils Poster (includes student competition)</i>	2:30 PM - 4:30 PM	PCC, Exhibit Hall CDE
478 SSSA Business Meeting--Soil Biology and Biochemistry	3:30 PM - 4:30 PM	PCC, 124 A
SSSA Division: Soil Chemistry		
Monday		
58 <i>Symposium--100th Anniversary of the Langmuir Equation, 1916-2016</i>	9:20 AM - 12:00 PM	PCC, 130
88 Langmuir's World (Video)	12:00 PM - 4:30 PM	PCC, 130
189 SSSA Town Hall Meeting	6:00 PM - 7:30 PM	PCC, 224 A
Tuesday		
200 Soil Chemistry Oral	7:55 AM - 12:00 PM	PCC, 225 A
228 <i>Impacts of Soil and Water Pollution on Food Safety Oral (includes student competition)</i>	9:30 AM - 11:50 AM	PCC, 228 B
269 Soil Chemistry Oral II	1:30 PM - 2:50 PM	PCC, 225 A
283 <i>Symposium--Impacts of Soil and Water Pollution on Food Safety</i>	1:30 PM - 3:50 PM	PCC, 228 B
299 SSSA Business Meeting--Soil Chemistry	3:00 PM - 4:00 PM	PCC, 225 A
349 <i>Impacts of Soil and Water Pollution on Food Safety Poster (includes student competition)</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Wednesday		
372 <i>Soil Organic Matter Cycling As a Key Critical Zone Process</i>	8:00 AM - 11:30 AM	PCC, 123
382 <i>Physical, Chemical and Biological Processes Controlling Transport and Remediation of Emerging Contaminants in Soils Oral (includes student competition)</i>	8:35 AM - 2:30 PM	PCC, 125 A
446 5 Minute Rapid--Soil Chemistry	2:00 PM - 2:30 PM	PCC, 225 B
467 Soil Chemistry Poster	2:30 PM - 4:30 PM	PCC, Exhibit Hall CDE
472 <i>Physical, Chemical, and Biological Processes Controlling Transport and Remediation of Emerging Contaminants in Soils Poster (includes student competition)</i>	2:30 PM - 4:30 PM	PCC, Exhibit Hall CDE
SSSA Division: Soil Education and Outreach		
Monday		
189 SSSA Town Hall Meeting	6:00 PM - 7:30 PM	PCC, 224 A
Tuesday		
202 Soil Education & Outreach Oral	8:00 AM - 9:45 AM	PCC, 231 B
239 SSSA Business Meeting--Soil Education & Outreach	10:00 AM - 11:30 AM	PCC, 231 B
266 Poster and 5 Minute Rapid--Soil Education & Outreach	1:30 PM - 2:00 PM	PCC, 231 B
347 Soil Education & Outreach Poster	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
SSSA Division: Soil Fertility and Plant Nutrition		
Sunday		
<i>Irrigation and Cropping Systems of Central Arizona</i>	8:00 AM - 2:00 PM	PCC, 3rd St Entrance
Monday		
58 <i>Symposium--100th Anniversary of the Langmuir Equation, 1916-2016</i>	9:20 AM - 12:00 PM	PCC, 130
60 S4/S8 Ph.D. Oral Competition	9:25 AM - 4:05 PM	PCC, 129 A
72 S4/S8 M.S. Oral Competition	9:30 AM - 3:20 PM	PCC, 129 B
71 Soil Fertility and Plant Nutrition Oral	9:30 AM - 3:00 PM	PCC, 128 B
70 <i>Fertilizer and Water Management Effects on the Soil Environment Oral (includes student competition)</i>	9:30 AM - 2:30 PM	PCC, 131 A
88 <i>Langmuir's World (Video)</i>	12:00 PM - 4:30 PM	PCC, 130
108 <i>Polyhalite Use in Crop Product</i>	1:30 PM - 3:30 PM	PCC, Exhibit Hall CDE
125 S4/S8 M.S. Poster Competition	2:00 PM - 4:00 PM	PCC, Exhibit Hall CDE
178 S4/S8 Ph.D. Poster Competition	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
182 <i>Fertilizer and Water Management Effects on the Soil Environment Poster (includes student competition)</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
189 SSSA Town Hall Meeting	6:00 PM - 7:30 PM	PCC, 224 A
Tuesday		
206 <i>Symposium--Soil Organic Amendments and N Cycling: Strategies to Improve Nitrogen Use Efficiency, Reduce Synthetic Fertilizer Input, Nitrate Leaching, and Nitrous Oxide Emissions</i>	8:00 AM - 11:00 AM	PCC, 131 B
215 Soil N Characterization and N Management	9:25 AM - 11:50 AM	PCC, 130
216 <i>Secondary, Micronutrients, and Animal Waste Oral</i>	9:25 AM - 11:55 AM	PCC, 132 C

Cosponsored sessions are identified in *italic*.

SESSION No./TITLE	DATE & TIME	LOCATION
229 Symposium--Nitrogen Modeling Programs	9:30 AM - 11:55 AM	PCC, 129 B
235 <i>The Impact of 4Rs (Source, Rate, Time and Place) on Crop Yield Oral</i>	9:50 AM - 2:50 PM	PCC, 132 A
280 Symposium--the Rhizosphere	1:30 PM - 3:40 PM	PCC, 129 AB
271 <i>Manure Management: Maximizing Plant Production and Nutrient Use Efficiency</i>	1:30 PM - 3:05 PM	PCC, 125 A
277 <i>General Nutrient Management Poster</i>	1:30 PM - 3:30 PM	PCC, Exhibit Hall CDE
278 <i>Organic Materials As Nutrient Sources</i>	1:30 PM - 3:30 PM	PCC, Exhibit Hall CDE
289 Gypsum Use in Agriculture Poster	2:00 PM - 4:00 PM	PCC, Exhibit Hall CDE
315 SSSA Business Meeting--Soil Fertility and Plant Nutrition	4:00 PM - 5:00 PM	PCC, 129 AB
351 Leo M. Walsh Soil Fertility Distinguished Lectureship	5:15 PM - 8:00 PM	PCC, 129 AB
Wednesday		
362 Soil Fertility for Corn, Wheat, and Soybean	7:55 AM - 12:00 PM	PCC, 128 B
377 Soil Health	8:10 AM - 11:45 AM	PCC, 128 A
378 <i>Fertilizer Management in Minor Acreage Crops Oral</i>	8:25 AM - 11:45 AM	PCC, 127 C
441 <i>Innovations in Soil Testing and Plant Analysis</i>	1:30 PM - 3:30 PM	PCC, Exhibit Hall CDE
449 <i>Impacts of 4Rs (Source, Rate, Time and Place) on Crop Performance Poster</i>	2:00 PM - 4:00 PM	PCC, Exhibit Hall CDE
448 <i>Fertilizer Coatings, Stabilizers and Additives</i>	2:00 PM - 4:00 PM	PCC, Exhibit Hall CDE
470 Soil Fertility and Plant Nutrition Poster	2:30 PM - 4:30 PM	PCC, Exhibit Hall CDE
469 Nutrient-Soil Management Interactions	2:30 PM - 4:30 PM	PCC, Exhibit Hall CDE
468 Fertilizer & Lime Responses 1	2:30 PM - 4:30 PM	PCC, Exhibit Hall CDE
SSSA Division: Soil Mineralogy		
Monday		
96 Symposium--Soils and Landscapes of the Southwestern United States	1:25 PM - 3:40 PM	PCC, 132 C
148 Poster and 5 Minute Rapid--Soils and Landscapes of the Southwestern United States (includes student competition)	3:50 PM - 4:15 PM	PCC, 132 C
186 Soil Mineralogy Poster	4:15 PM - 6:00 PM	PCC, Exhibit Hall CDE
189 SSSA Town Hall Meeting	6:00 PM - 7:30 PM	PCC, 224 A
Tuesday		
213 Soil Mineralogy Oral	8:25 AM - 9:15 AM	PCC, 126 B
264 Symposium--Carbonates, Gypsum, Salts, and Dust	1:25 PM - 3:40 PM	PCC, 131 B
355 SSSA Business Meeting--Soil Mineralogy	6:10 PM - 7:30 PM	PCC, 221 C
Wednesday		
363 <i>New Frontiers of Soil and Plant Sciences: Astropedology and Space Agriculture</i>	7:55 AM - 12:00 PM	PCC, 125 B
372 <i>Soil Organic Matter Cycling As a Key Critical Zone Process</i>	8:00 AM - 11:30 AM	PCC, 123
SSSA Division: Soil Physics and Hydrology		
Monday		
65 Advances in Soil Sensing and Model Integration with Instrumentation Oral	9:30 AM - 12:00 PM	PCC, 132 C
66 Symposium--What Can Soil Science Contribute to Land Surface Model Development	9:30 AM - 12:00 PM	PCC, 132 B
116 5 Minute Rapid--Soil Physics and Hydrology Student Competition (Includes Poster Session)	1:30 PM - 4:15 PM	PCC, 132 B
111 <i>Symposium--Evolution of Biophysical Measurements: Legacy of the US Water Conservation Lab and Advances in Rapid Phenotyping</i>	1:30 PM - 3:55 PM	PCC, 231 C
179 Advances in Soil Sensing and Model Integration with Instrumentation Poster	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
180 Soil Physics & Hydrology Poster I (includes student competition)	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
189 SSSA Town Hall Meeting	6:00 PM - 7:30 PM	PCC, 224 A
Tuesday		
204 Remote Sensing of Land Surface and Vadose Zone Hydrologic Processes Oral	8:00 AM - 10:00 AM	PCC, 131 A
232 <i>Symposium--Partitioning of Evapotranspiration: Instrumentation and Simulation</i>	9:30 AM - 12:15 PM	PCC, 126 A
240 Symposium--Remote Sensing of Land Surface and Vadose Zone Hydrologic Processes	10:00 AM - 12:15 PM	PCC, 131 A
286 Modeling Energy and Mass Transfer Processes at the Soil-Atmospheric Interface Oral	1:30 PM - 4:20 PM	PCC, 127 B
287 Soil Physics and Hydrology Oral I	1:30 PM - 4:20 PM	PCC, 127 A
281 <i>Evapotranspiration Measurements and Modeling Oral (includes student competition)</i>	1:30 PM - 3:45 PM	PCC, 126 A
348 Remote Sensing of Land Surface and Vadose Zone Hydrologic Processes Poster	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE

Cosponsored sessions are identified in *italic*.

SESSION No./TITLE	DATE & TIME	LOCATION
322 <i>Evapotranspiration Measurements and Modeling Poster (includes student competition)</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Wednesday		
361 <i>Symposium--Honoring the Contributions of Laj Ahuja: Building Bridges Among Disciplines By Synthesizing and Quantifying Soil and Plant Processes for Whole Systems Modeling</i>	7:30 AM - 10:45 AM	PCC, 227 C
363 <i>New Frontiers of Soil and Plant Sciences: Astropedology and Space Agriculture</i>	7:55 AM - 12:00 PM	PCC, 125 B
382 <i>Physical, Chemical and Biological Processes Controlling Transport and Remediation of Emerging Contaminants in Soils Oral (includes student competition)</i>	8:35 AM - 2:30 PM	PCC, 125 A
409 <i>Honoring the Contributions of Laj Ahuja: Building Bridges Among Disciplines by Synthesizing and Quantifying Soil and Plant Processes for Whole Systems Modeling Oral</i>	10:55 AM - 2:30 PM	PCC, 227 C
414 <i>SSSA Business Meeting/Luncheon--Soil Physics and Hydrology</i>	11:00 AM - 1:00 PM	PCC, 129 AB
431 <i>Soil Physics and Hydrology Oral II</i>	1:25 PM - 2:30 PM	PCC, 125 B
471 <i>Soil Physics and Hydrology Poster II</i>	2:30 PM - 4:30 PM	PCC, Exhibit Hall CDE
472 <i>Physical, Chemical, and Biological Processes Controlling Transport and Remediation of Emerging Contaminants in Soils Poster (includes student competition)</i>	2:30 PM - 4:30 PM	PCC, Exhibit Hall CDE
455 <i>Honoring the Contributions of Laj Ahuja: Building Bridges Among Disciplines By Synthesizing and Quantifying Soil and Plant Processes for Whole Systems Modeling Poster</i>	2:30 PM - 4:30 PM	PCC, Exhibit Hall CDE
SSSA Division: Soils and Environmental Quality		
Sunday		
<i>Comet-Farm: Evaluate How Conservation Practices Can Impact the Carbon Footprint of Agriculture and Forestry.</i>	8:30 AM - 12:30 PM	PCC, 227 B
Monday		
58 <i>Symposium--100th Anniversary of the Langmuir Equation, 1916-2016</i>	9:20 AM - 12:00 PM	PCC, 130
70 <i>Fertilizer and Water Management Effects on the Soil Environment Oral (includes student competition)</i>	9:30 AM - 2:30 PM	PCC, 131 A
68 <i>Foundations of Ecological Restoration: Recovery of Soil Functions after Drastic Disturbance Oral</i>	9:30 AM - 12:20 PM	PCC, 132 A
88 <i>Langmuir's World (Video)</i>	12:00 PM - 4:30 PM	PCC, 130
101 <i>Environmental Fate, Transport, and Monitoring of Pesticides (includes student competition)</i>	1:30 PM - 3:05 PM	PCC, 131 B
106 <i>Symposium--the Grand Challenge – Water: Food, Energy and Environmental Security</i>	1:30 PM - 3:30 PM	PCC, 232 B
141 <i>Poster and 5 Minute Rapid--Environmental Fate, Transport, and Monitoring of Pesticides Poster (includes student competition)</i>	3:20 PM - 3:50 PM	PCC, 131 B
182 <i>Fertilizer and Water Management Effects on the Soil Environment Poster (includes student competition)</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
181 <i>Dynamics of Pollutant Transport Beneath Onsite Wastewater Systems Poster (includes student competition)</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
183 <i>Soils and Environmental Quality Poster I</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
173 <i>Foundations of Ecological Restoration: Recovery of Soil Functions after Drastic Disturbance Poster</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
189 <i>SSSA Town Hall Meeting</i>	6:00 PM - 7:30 PM	PCC, 224 A
Tuesday		
197 <i>Symposium--Climate Mitigation from Soil - Meeting COP21 Initiative Goals</i>	7:55 AM - 10:00 AM	PCC, 129 A
199 <i>Novel Approaches to Quantify and Combat Soil Degradation</i>	7:55 AM - 12:00 PM	PCC, 227 C
205 <i>Soils and Environmental Quality Oral I</i>	8:00 AM - 10:35 AM	PCC, 228 A
204 <i>Remote Sensing of Land Surface and Vadose Zone Hydrologic Processes Oral</i>	8:00 AM - 10:00 AM	PCC, 131 A
228 <i>Impacts of Soil and Water Pollution on Food Safety Oral (includes student competition)</i>	9:30 AM - 11:50 AM	PCC, 228 B
240 <i>Symposium--Remote Sensing of Land Surface and Vadose Zone Hydrologic Processes</i>	10:00 AM - 12:15 PM	PCC, 131 A
283 <i>Symposium--Impacts of Soil and Water Pollution on Food Safety</i>	1:30 PM - 3:50 PM	PCC, 228 B
274 <i>Symposium--Manufactured, Blended, and Engineered Soils for Urban Applications</i>	1:30 PM - 3:15 PM	PCC, 124 A
349 <i>Impacts of Soil and Water Pollution on Food Safety Poster (includes student competition)</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
350 <i>Soils and Environmental Quality Poster II</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE

Cosponsored sessions are identified in *italic*.

SESSION No./TITLE	DATE & TIME	LOCATION
348 <i>Remote Sensing of Land Surface and Vadose Zone Hydrologic Processes Poster</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
356 SSSA Business Meeting--Soils and Environmental Quality	6:10 PM - 7:30 PM	PCC, 228 B
Wednesday		
370 Soils and Environmental Quality Oral II	8:00 AM - 11:20 AM	PCC, 126C
375 <i>Symposium--Minimizing Phosphorus Losses during the Non-Growing Season</i>	8:00 AM - 12:15 PM	PCC, 124 A
382 Physical, Chemical and Biological Processes Controlling Transport and Remediation of Emerging Contaminants in Soils Oral (includes student competition)	8:35 AM - 2:30 PM	PCC, 125 A
472 Physical, Chemical, and Biological Processes Controlling Transport and Remediation of Emerging Contaminants in Soils Poster (includes student competition)	2:30 PM - 4:30 PM	PCC, Exhibit Hall CDE
473 Soils and Environmental Quality Poster III	2:30 PM - 4:30 PM	PCC, Exhibit Hall CDE

SSSA Division: Urban and Anthropogenic Soils

Sunday		
Urban Soils-the Desert/City Interface Phoenix	7:00 AM - 4:30 PM	PCC, 3rd St Entrance
Monday		
69 Urban & Anthropogenic Soils Oral (includes student competition)	9:30 AM - 12:20 PM	PCC, 126C
104 <i>Symposium--Optimizing Ecosystem Services of Urban Soils: Our Current State of the Science</i>	1:30 PM - 3:20 PM	PCC, 126C
184 Urban and Anthropogenic Soils Poster (includes student competition)	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
189 SSSA Town Hall Meeting	6:00 PM - 7:30 PM	PCC, 224 A
Tuesday		
240 <i>Symposium--Remote Sensing of Land Surface and Vadose Zone Hydrologic Processes</i>	10:00 AM - 12:15 PM	PCC, 131 A
274 <i>Symposium--Manufactured, Blended, and Engineered Soils for Urban Applications</i>	1:30 PM - 3:15 PM	PCC, 124 A
306 5 Minute Rapid: Stormwater Management--Where Do Soils Fit in? (includes student competition)	3:30 PM - 4:00 PM	PCC, 226 A
316 SSSA Business Meeting--Urban and Anthropogenic Soils	4:00 PM - 5:00 PM	PCC, 226 A
348 <i>Remote Sensing of Land Surface and Vadose Zone Hydrologic Processes Poster</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
Wednesday		
385 Urban Soil Restoration and Rehabilitation Oral (includes student competition)	9:00 AM - 10:50 AM	PCC, 130
411 Water Quality in Urbanizing Watersheds Oral (includes student competition)	11:00 AM - 11:50 AM	PCC, 130

SSSA Division: Wetland Soils

Sunday		
Urban Soils-the Desert/City Interface Phoenix	7:00 AM - 4:30 PM	PCC, 3rd St Entrance
Monday		
68 <i>Foundations of Ecological Restoration: Recovery of Soil Functions after Drastic Disturbance Oral</i>	9:30 AM - 12:20 PM	PCC, 132 A
79 <i>Symposium--Pedology & Earth's Critical Zone</i>	10:25 AM - 11:30 AM	PCC, 232 C
99 COP21 and Wetland Soils As Greenhouse Gas Sources and Sinks Oral	1:30 PM - 2:35 PM	PCC, 226 B
114 <i>Symposium--so You Think You're an Expert - Consulting As an Expert Witness</i>	1:30 PM - 4:00 PM	PCC, 227 C
173 <i>Foundations of Ecological Restoration: Recovery of Soil Functions after Drastic Disturbance Poster</i>	4:00 PM - 6:00 PM	PCC, Exhibit Hall CDE
189 SSSA Town Hall Meeting	6:00 PM - 7:30 PM	PCC, 224 A
Tuesday		
197 <i>Symposium--Climate Mitigation from Soil - Meeting COP21 Initiative Goals</i>	7:55 AM - 10:00 AM	PCC, 129 A
236 <i>Symposium--Soils and Microbial Communities in Newly Formed and Heavily Disturbed Wetland Environments</i>	9:55 AM - 11:30 AM	PCC, 125 B
274 <i>Symposium--Manufactured, Blended, and Engineered Soils for Urban Applications</i>	1:30 PM - 3:15 PM	PCC, 124 A
293 William H. Patrick, Jr. Memorial Lectureship	2:15 PM - 6:00 PM	PCC, 125 B
307 SSSA Business Meeting--Wetland Soils	3:30 PM - 4:30 PM	PCC, 125 B
306 5 Minute Rapid: Stormwater Management--Where Do Soils Fit in? (includes student competition)	3:30 PM - 4:00 PM	PCC, 226 A

Cosponsored sessions are identified in *italic*.

SESSION No./TITLE	DATE & TIME	LOCATION
Wednesday		
372 <i>Soil Organic Matter Cycling As a Key Critical Zone Process</i>	8:00 AM - 11:30 AM	PCC, 123
386 General Wetland Soils Oral (Includes Graduate Student Competition)	9:00 AM - 10:55 AM	PCC, 126 A
474 General Wetland Soils Poster I	2:30 PM - 4:30 PM	PCC, Exhibit Hall CDE
475 General Wetland Soils Poster II (includes student competition)	2:30 PM - 4:30 PM	PCC, Exhibit Hall CDE
Destination Tours		
Sunday		
Sedona, Arizona	7:30 AM - 4:00 PM	PCC, 3rd St Entrance
Monday		
Discover Phoenix & Scottsdale-Monday	9:00 AM - 12:00 PM	PCC, 3rd St Entrance
Tuesday		
Taliesin West and Carefree, AZ	9:00 AM - 1:30 PM	PCC, 3rd St Entrance
Wednesday		
Desert Botanical Gardens	9:00 AM - 12:00 PM	PCC, 3rd St Entrance
Tours		
Sunday		
Stiegler Fellowship Golf Fundraiser	6:30 AM - 1:00 PM	PCC, 3rd St Entrance
Urban Soils-the Desert/City Interface Phoenix	7:00 AM - 4:30 PM	PCC, 3rd St Entrance
Biosphere 2	8:00 AM - 3:30 PM	PCC, 3rd St Entrance
Irrigation and Cropping Systems of Central Arizona	8:00 AM - 2:00 PM	PCC, 3rd St Entrance
Field-Based Phenotyping in Maricopa-Sunday	11:00 AM - 4:00 PM	PCC, 3rd St Entrance
Wednesday		
Field-Based Phenotyping in Maricopa-Wednesday	12:30 PM - 4:00 PM	PCC, 3rd St Entrance
Workshops		
Sunday		
Comet-Farm:Evaluate How Conservation Practices Can Impact the Carbon Footprint of Agriculture and Forestry	8:30 AM - 12:30 PM	PCC, 227 B
Introduction to JMP Software	8:30 AM - 11:30 AM	PCC, 227 A
Utilizing the GAPIT R Package to Facilitate Analysis of Diversity Panels	9:00 AM - 11:00 AM	PCC, 228 A
Mechanical Measurements of Crops and Soils: Principles and Techniques	10:00 AM - 12:00 PM	Sheraton, Maryvale B
Intro to Multivariate Analysis	1:00 PM - 5:00 PM	PCC, 227 B
Advanced Techniques in JMP Software	1:30 PM - 4:30 PM	PCC, 227 A
Monday		
Foundations Yoga (beginner's class)	6:30 AM - 7:30 AM	Sheraton, Camelback AB
Implementing Genomic Selection in Plant Breeding Programs	8:00 AM - 12:00 PM	PCC, 227 A
Elemental Analysis Solutions for Farm-to-Table Safety, Quality and Sustainability	9:00 AM - 12:00 PM	PCC, 227 B
Make a Compelling Science Message: I	9:30 AM - 11:30 AM	Sheraton, Maryvale B
Generation Image – Photography 101 for Communicating Lab Research: I	1:00 PM - 3:00 PM	Sheraton, Maryvale B
Tuesday		
Urban Flow Yoga (intermediate-advanced class)	6:30 AM - 7:30 AM	Sheraton, Camelback AB
Generation Image – Photography 101 for Communicating Lab Research: II	9:30 AM - 11:30 AM	Sheraton, Maryvale B
Make a Compelling Science Message: II	1:00 PM - 3:00 PM	Sheraton, Maryvale B
Women in Science Workshop on Leadership/Reception (ACS526)	1:30 PM - 4:15 PM	PCC, 229 AB
Wednesday		
Make a Compelling Science Message: III	9:00 AM - 11:00 AM	Sheraton, Maryvale B
Exhibit Hall Activities		
Sunday		
Exhibits & Career Center Open	7:00 PM - 9:00 PM	PCC, Exhibit Hall CDE, Career Center
Graduate School Forum	7:00 PM - 9:00 PM	PCC, Exhibit Hall CDE
Welcome Reception	7:00 PM - 9:00 PM	PCC, Exhibit Hall CDE
Monday		
32 Extension Materials on Display I	7:00 AM - 6:00 PM	PCC, Exhibit Hall CDE
Graduate School Forum	9:00 AM - 6:00 PM	PCC, Exhibit Hall CDE
Exhibits & Career Center Open	9:00 AM - 6:00 PM	PCC, Exhibit Hall CDE, Career Center

Cosponsored sessions are identified in *italic*.

SESSION No./TITLE	DATE & TIME	LOCATION
84 Freezerworks - Sample Management Software for Quality Assurance in Crop Science	11:00 AM - 12:00 PM	PCC, Exhibit Hall CDE, Demonstration Stage
89 Gasmeter Technologies - Simultaneous measurement of N ₂ O, CH ₄ , CO ₂ and Ammonia in soil flux measurements using field portable FTIR gas analyzers.	12:30 PM - 1:30 PM	PCC, Exhibit Hall CDE, Demonstration Stage
122 METER Presents	2:00 PM - 3:00 PM	PCC, Exhibit Hall CDE, Demonstration Stage
137 Career Fair	3:00 PM - 6:00 PM	PCC, Exhibit Hall CDE, Career Center
146 ACSESS—Your Society Publisher, Your science lives here!	3:30 PM - 4:30 PM	PCC, Exhibit Hall CDE, Demonstration Stage
Tuesday		
194 Extension Materials on Display II Exhibits & Career Center Open	7:00 AM - 6:00 PM 9:00 AM - 6:00 PM	PCC, Exhibit Hall CDE PCC, Exhibit Hall CDE, Career Center
Graduate School Forum	9:00 AM - 6:00 PM	PCC, Exhibit Hall CDE
238 Bruker - Portable Elemental Analysis for Agriculture, Food Safety & Quality	10:00 AM - 11:00 AM	PCC, Exhibit Hall CDE, Demonstration Stage
250 Irrrometer Company, Inc. - Understanding Soil Moisture Sensor Data to Maximize Water Use Efficiency	11:30 AM - 12:30 PM	PCC, Exhibit Hall CDE, Demonstration Stage
257 Delta-T - Using the DeltaLINK weather simulator to develop GP2 Data Logger applications and refine experimental methods	1:00 PM - 2:00 PM	PCC, Exhibit Hall CDE, Demonstration Stage
294 MicaSense - Remote Sensing Solutions for Precision Agriculture	2:30 PM - 3:30 PM	PCC, Exhibit Hall CDE, Demonstration Stage
313 Daiki Rika Kogyo Co., Ltd. - NEW iTensiometer & iPenetrometer	4:00 PM - 5:00 PM	PCC, Exhibit Hall CDE, Demonstration Stage
Wednesday		
360 Extension Materials on Display III Graduate School Forum Exhibits & Career Center Open	7:00 AM - 4:30 PM 9:00 AM - 4:30 PM 9:00 AM - 4:30 PM	PCC, Exhibit Hall CDE PCC, Exhibit Hall CDE PCC, Exhibit Hall CDE, Career Center
401 Steven's Water Monitoring - Soil Monitoring With Stevens Hydra Probe Soil Sensor, Meeting the Challenges of new Applications	10:00 AM - 11:00 AM	PCC, Exhibit Hall CDE, Demonstration Stage
423 CID Bio-Science, Inc. - Applications for Root Imaging in Agriculture	11:30 AM - 12:30 PM	PCC, Exhibit Hall CDE, Demonstration Stage
430 USDA-NRCS - Using Web Soil Survey	1:00 PM - 2:00 PM	PCC, Exhibit Hall CDE, Demonstration Stage
450 Davis Instruments - Advances in Agricultural Data to the Farmer's Advantage	2:30 PM - 3:30 PM	PCC, Exhibit Hall CDE, Demonstration Stage
Live Streaming CEU Program		
Monday		
44 Symposium--IPM Resistance Management as related to CCA specialty certification exam prep	8:00 AM - 12:00 PM	PCC, 121 AB
93 Symposium--Nutrient Management as related to CCA specialty certification exam prep	1:00 PM - 5:00 PM	PCC, 121 AB
Tuesday		
207 Symposium--Crop Management as related to CCA specialty certification exam prep	8:00 AM - 12:00 PM	PCC, 121 AB
259 Symposium--Soil and Water Management as related to CCA specialty certification exam prep	1:00 PM - 5:00 PM	PCC, 121 AB
Wednesday		
376 Symposium--Sustainable Agronomic Practices	8:00 AM - 5:00 PM	PCC, 121 AB

Schedule by Date

No.	TIME	SESSION TITLE	LOCATION
Friday			
1	5:00 PM - 9:00 PM	SASES Registration	PCC, Registration Center
2	7:00 PM - 7:55 PM	SASES National Officer Meeting	PCC, Registration Center
3	8:00 PM - 9:00 PM	SASES Committee Member Meeting	PCC, Registration Center
Saturday			
4	6:00 AM - 7:30 AM	SASES Registration II	PCC, Registration Center
5	7:30 AM - 6:00 PM	SASES Tours	PCC, Third Street Entrance
	8:00 AM - 5:00 PM	W3128 Scaling Microirrigation Technologies to Address the Global Water Challenge	Hyatt, Ellis
6	10:00 AM - 5:00 PM	Graduate Student Leadership Conference	PCC, 229 AB
	1:00 PM - 4:00 PM	ACSESS Board of Directors Meeting	Sheraton, Deer Valley
	4:00 PM - 6:30 PM	Soil Science Certifying Board	Hyatt, Moran
7	7:00 PM - 8:30 PM	Presidents Trophy Competition	PCC, 224 AB
8	8:30 PM - 9:30 PM	SASES Business Meeting I	PCC, 224 AB
9	10:00 PM - 11:55 PM	SASES Dance	Hyatt, Regency Ballroom ABCD
Sunday			
	6:30 AM - 1:00 PM	Stiegler Fellowship Golf Fundraiser	PCC, Third Street Entrance
	7:00 AM - 7:30 AM	Moderator Training I	PCC, 221 C
	7:00 AM - 4:30 PM	Urban Soils-the Desert/City Interface Phoenix	PCC, Third Street Entrance
10	7:30 AM - 9:00 AM	SASES Registration: III	PCC, Registration Center
	7:30 AM - 4:00 PM	Sedona, Arizona	PCC, Third Street Entrance
	8:00 AM - 11:00 AM	SSSA Board of Directors Meeting	Sheraton, Deer Valley
	8:00 AM - 2:00 PM	Irrigation and Cropping Systems of Central Arizona	PCC, Third Street Entrance
	8:00 AM - 2:00 PM	ARS-Grand Challenges	Sheraton, Laveen A
	8:00 AM - 3:30 PM	Biosphere 2	PCC, Third Street Entrance
	8:30 AM - 11:30 AM	Introduction to JMP Software	PCC, 227 A
	8:30 AM - 12:30 PM	Comet-Farm:Evaluate How Conservation Practices Can Impact the Carbon Footprint of Agriculture and Forestry.	PCC, 227 B
11	9:00 AM - 10:30 AM	SASES Brunch and Keynote Speaker	Sheraton, Valley of the Sun ABC
	9:00 AM - 11:00 AM	Utilizing the GAPIT R Package to Facilitate Analysis of Diversity Panels	PCC, 228 A
	9:00 AM - 3:00 PM	North American 4R Nutrient Stewardship Researchers Meeting	Hyatt, Remington
	10:00 AM - 12:00 PM	Mechanical Measurements of Crops and Soils: Principles and Techniques	Sheraton, Maryvale B
12	10:30 AM - 11:30 AM	SASES Business Meeting II	Sheraton, Valley of the Sun ABC
	11:00 AM - 3:00 PM	NE-1438 Multistate Project Meeting	Sheraton, Laveen B
	11:00 AM - 4:00 PM	Field-Based Phenotyping in Maricopa-Sunday	PCC, Third Street Entrance
	12:00 PM - 12:30 PM	Moderator Training II	PCC, 221 C
13	12:00 PM - 2:20 PM	Undergraduate Research Contest - Oral II	PCC, 225 A
14	12:00 PM - 2:35 PM	Undergraduate Research Contest - Oral I	PCC, 226 A
	1:00 PM - 2:00 PM	S302 SSSA Journal Technical Editors	Sheraton, Deer Valley
	1:00 PM - 5:00 PM	Intro to Multivariate Analysis	PCC, 227 B
15	1:30 PM - 4:15 PM	Climate Change Impacts on Soil and Adaptation Strategies Oral	PCC, 226 B
	1:30 PM - 4:30 PM	Advanced Techniques in JMP Software	PCC, 227 A
16	1:30 PM - 5:15 PM	Symposium--Techniques for Jumpstarting the Restoration of Desertified Ag and Grasslands Soils	PCC, 228 B
17	1:55 PM - 4:30 PM	Soil Pedology Oral	PCC, 221 A
	2:00 PM - 2:45 PM	C312 Journal of Plant Registrations	Sheraton, Laveen A
	2:00 PM - 3:00 PM	S302 SSSA Journal New Editor Training	Sheraton, Deer Valley
	2:00 PM - 5:00 PM	W3128 Scaling Microirrigation Technologies to Address the Global Water Challenge	Hyatt, Ellis
	2:00 PM - 5:00 PM	USDA-ARS Gracenet/REAP & Associated Database Discussion Meeting	PCC, 221 C
	2:00 PM - 5:00 PM	Isee Project Meeting	Sheraton, Ahwatukee B
	2:00 PM - 6:00 PM	LCCB Meeting	Sheraton, Maryvale A

No.	TIME	SESSION TITLE	LOCATION
19	2:30 PM - 4:00 PM	SASES National Speech Contest Prelims: II	PCC, 225 A
18	2:45 PM - 4:00 PM	SASES National Speech Contest Prelims: I	PCC, 226 A
20	3:00 PM - 4:50 PM	Symposium--Enabling Fiber Productivity Increases through Multi-Disciplinary Innovations	PCC, 221 B
	3:00 PM - 5:00 PM	AgMIP ET Model Intercomparison Discussion	Sheraton, Laveen B
	3:00 PM - 5:00 PM	S302 SSSA Journal Editorial Board	Sheraton, Deer Valley
	3:00 PM - 5:00 PM	NCSRBP Benchmarking Team Meeting	Sheraton, Laveen A
21	3:00 PM - 5:00 PM	Soil and Water Management and Conservation Oral I	PCC, 225 B
22	3:00 PM - 5:30 PM	SSSA Business Meeting--Consulting Soil Scientists	PCC, 227 C
23	3:30 PM - 5:00 PM	Undergraduate Professional Development Workshop	PCC, 228 A
	3:30 PM - 5:30 PM	Department Heads/Chairs Roundtable	Sheraton, Maryvale B
	3:45 PM - 4:45 PM	Golden Opportunity Scholars Orientation	PCC, 226 C
24	4:00 PM - 5:30 PM	What's New in the Turfgrass Industry	PCC, 223
25	4:00 PM - 6:00 PM	Graduate Student Networking Session - Building Professional Relations	PCC, 229 AB
26	4:50 PM - 5:30 PM	ASA Community Business Meeting--Cotton and Other Fibers	PCC, 221 B
27	5:00 PM - 6:00 PM	SASES Club Poster Contest	
	5:00 PM - 7:30 PM	Joint Meeting "Clover and Special Purpose Legumes" with "Forage and Turfgrass" Crop Germplasm Committees	Sheraton, Laveen B
28	6:00 PM - 7:00 PM	ASA, CSSA and SSSA Opening Keynote: Our Freshwater Future: New Solutions to Build Resilience in A Changing World	PCC, Ballroom 120 B-D
	7:00 PM - 9:00 PM	Welcome Reception	PCC, Exhibit Hall CDE
	7:00 PM - 9:00 PM	Exhibits & Career Center Open	PCC, Exhibit Hall CDE, Career Center
	7:00 PM - 9:00 PM	Graduate School Forum	PCC, Exhibit Hall CDE
29	8:00 PM - 9:00 PM	SASES National Speech Contest - Finals	PCC, 224 AB
30	9:00 PM - 11:00 PM	SASES Quiz Bowl	PCC, 224 AB

Monday

	6:30 AM - 7:30 AM	Foundations Yoga (beginner's class)	Sheraton, Camelback AB
	7:00 AM - 7:30 AM	Moderator Training III	PCC, 221 C
31	7:00 AM - 9:00 AM	SSSA Breakfast, Awards, and Plenary (Nyle C. Brady Frontiers of Soil Science Lectureship)	Sheraton, Valley of the Sun ABC
32	7:00 AM - 6:00 PM	Extension Materials on Display I	PCC, Exhibit Hall CDE
33	7:45 AM - 10:00 AM	Sensor Based Nutrient Management (includes student competition)	PCC, 126 B
34	7:55 AM - 9:45 AM	C-2/C4 Graduate Student Oral Competition - I	PCC, 225 B
35	7:55 AM - 10:45 AM	Turfgrass Ecology and Management (student competition)	PCC, 223
36	7:55 AM - 11:15 AM	Applied Pest Management (student competition)	PCC, 221 C
37	8:00 AM - 9:50 AM	Symposium--Plant Breeding Post Genome Sequence: Where Do We Go from Here?	PCC, 122 BC
38	8:00 AM - 10:15 AM	Symposium--Say Hello to My Little Friend!: Using Social Media Effectively to Increase Resiliency of Your Programs and Teaching	PCC, 127 A
39	8:00 AM - 10:35 AM	Robert F Barnes Ph.D. Oral Contest	PCC, 224 A
40	8:00 AM - 11:30 AM	Global Climate Change General Oral (includes student competition)	PCC, 232 B
41	8:00 AM - 11:40 AM	Symposium--Soil Moisture Sensing for Crop Health Assessment and Management	PCC, 231 C
42	8:00 AM - 11:40 AM	Cover Crop Management Oral (includes student competition)	PCC, 221 B
43	8:00 AM - 11:45 AM	Environmental Quality Oral	PCC, 127 C
	8:00 AM - 12:00 PM	Implementing Genomic Selection in Plant Breeding Programs	PCC, 227 A
44	8:00 AM - 12:00 PM	Symposium--IPM Resistance Management as related to CCA specialty certification exam prep	PCC, 121 AB
45	8:00 AM - 2:00 PM	Genomics, Molecular Genetics and Biotechnology Oral (includes student competition)	PCC, 124 A
46	8:00 AM - 3:15 PM	Agronomic Production Section, General II Oral	PCC, 126 A
47	8:00 AM - 3:15 PM	Agricultural Practices to Improve Nitrogen-Use Efficiency and Mitigate Greenhouse Gas Emission Oral	PCC, 226 C
48	8:15 AM - 10:20 AM	Show Me the Science: Chemistry, Structure, Techniques, and Stuff (includes student competition)	PCC, 226 B
49	8:25 AM - 3:00 PM	General Bioenergy Systems Oral	PCC, 125 B
50	8:30 AM - 10:00 AM	SASES Club Presidents' Round Table	PCC, 230

NO.	TIME	SESSION TITLE	LOCATION
51	8:30 AM - 10:30 AM	Symposium--Global Semiarid Cropping Systems Adaptation to Climate Variability	PCC, 124 B
52	8:30 AM - 10:35 AM	Symposium--Manure Management: Measuring and Mitigating Nutrient Losses and Gaseous Emissions	PCC, 228 B
53	8:55 AM - 11:00 AM	Symposium--Crop Perception to Environmental Stress	PCC, 121 C
54	9:00 AM - 11:00 AM	Symposium--Agricultural Experiment Stations in the Southwest--Successes and Concerns	PCC, 221 A
55	9:00 AM - 11:20 AM	Model Applications in Field Research Oral I	PCC, 232 A
56	9:00 AM - 11:25 AM	Symposium--Counting Carbon on the Farm: Science, System, and Support	PCC, 227 C
	9:00 AM - 12:00 PM	Discover Phoenix & Scottsdale-Monday	PCC, Third Street Entrance
	9:00 AM - 12:00 PM	Elemental Analysis Solutions for Farm-to-Table Safety, Quality and Sustainability	PCC, 227 B
	9:00 AM - 6:00 PM	Exhibits & Career Center Open	PCC, Exhibit Hall CDE, Career Center
	9:00 AM - 6:00 PM	Graduate School Forum	PCC, Exhibit Hall CDE
57	9:15 AM - 12:00 PM	Symposium--Sustainable Intensification: Global Frameworks and Implications for the U.S.	PCC, 128 A
58	9:20 AM - 12:00 PM	Symposium--100th Anniversary of the Langmuir Equation, 1916-2016	PCC, 130
59	9:25 AM - 3:15 PM	Applied Soybean Research Oral (includes student competition)	PCC, 125 A
60	9:25 AM - 4:05 PM	S4/S8 Ph.D. Oral Competition	PCC, 129 A
61	9:30 AM - 11:00 AM	Career Path Opportunities for Students, Post-Docs, and Early Career Members	PCC, Ballroom 120D
	9:30 AM - 11:30 AM	Make a Compelling Science Message: I	Sheraton, Maryvale B
62	9:30 AM - 11:30 AM	Microbial Diversity of Oligotrophic Environments: Strategies, Processes, and Functions Oral	PCC, 131 C
63	9:30 AM - 11:35 AM	Symposium--Multivariate Analysis in Agronomy	PCC, 122 A
64	9:30 AM - 12:00 PM	Soil Health in Agroecosystems/Rangelands Oral	PCC, 131 B
65	9:30 AM - 12:00 PM	Advances in Soil Sensing and Model Integration with Instrumentation Oral	PCC, 132 C
66	9:30 AM - 12:00 PM	Symposium--What Can Soil Science Contribute to Land Surface Model Development	PCC, 132 B
67	9:30 AM - 12:10 PM	Soil and Water Management and Conservation Oral II	PCC, 231 B
68	9:30 AM - 12:20 PM	Foundations of Ecological Restoration: Recovery of Soil Functions after Drastic Disturbance Oral	PCC, 132 A
69	9:30 AM - 12:20 PM	Urban and Anthropogenic Soils Oral (includes student competition)	PCC, 126C
70	9:30 AM - 2:30 PM	Fertilizer and Water Management Effects on the Soil Environment Oral (includes student competition)	PCC, 131 A
71	9:30 AM - 3:00 PM	Soil Fertility and Plant Nutrition Oral	PCC, 128 B
72	9:30 AM - 3:20 PM	S4/S8 M.S. Oral Competition	PCC, 129 B
73	9:45 AM - 12:30 PM	Biomedical, Health-Beneficial and Nutritionally Enhanced Plants Oral	PCC, 123
	10:00 AM - 12:00 PM	AC315 Crop, Forage & Turfgrass Management Editorial Board	PCC, 226 A
	10:00 AM - 12:00 PM	Agronomic Science Foundation Board of Directors Meeting	Sheraton, Laveen B
74	10:00 AM - 12:00 PM	CCA Career Accelerator Round Table	PCC, 229 B
75	10:00 AM - 12:00 PM	Grad School Workshop for Undergrads	PCC, 228 A
76	10:00 AM - 12:00 PM	Symposium--Utilization of Omics Approaches to Improve Stress Tolerance	PCC, 225 B
77	10:05 AM - 11:55 AM	Soil Management Impacts on Soil Properties and Soil C and N Dynamics Oral I (includes student competition)	PCC, 231 A
78	10:15 AM - 10:45 AM	ASA Community Business Meeting--Social Media in Education/Extension	PCC, 127 A
79	10:25 AM - 11:30 AM	Symposium--Pedology & Earth's Critical Zone	PCC, 232 C
80	10:30 AM - 11:00 AM	ASA Community Business Meeting--Adaptive Nutrient Management	PCC, 126 B
81	10:40 AM - 12:00 PM	On-Farm Research: I. Data Analysis & Extension Implications	PCC, 127 B
82	10:45 AM - 11:45 AM	ASA Community Business Meeting--Semi-Arid Dryland Cropping Systems	PCC, 124 B
83	11:00 AM - 11:30 AM	ASA Community Business Meeting--Nutrient Management Professionals	PCC, 126 B
84	11:00 AM - 12:00 PM	Freezerworks - Sample Management Software for Quality Assurance in Crop Science	PCC, Exhibit Hall CDE, Demonstration Stage
85	11:00 AM - 12:00 PM	Martin and Ruth Massengale Lectureship	PCC, 224 A

No.	TIME	SESSION TITLE	LOCATION
86	12:00 PM - 12:30 PM	Moderator Training IV	PCC, 221 C
	12:00 PM - 1:00 PM	SASES Advisor Luncheon	PCC, 230
	12:00 PM - 1:30 PM	ACS732 Annual Meeting Planning Committee	PCC, Chorus
87	12:00 PM - 1:30 PM	Pop in with the Presidents	
88	12:00 PM - 4:30 PM	Langmuir's World (Video)	PCC, 130
89	12:30 PM - 1:30 PM	Gasmet Technologies - Simultaneous measurement of N2O, CH4, CO2 and Ammonia in soil flux measurements using field portable FTIR gas analyzers.	PCC, Exhibit Hall CDE, Demonstration Stage
90	1:00 PM - 2:00 PM	C302 Crop Science Technical Editors	PCC, 232 C
	1:00 PM - 2:30 PM	Behavioral Interviewing	PCC, 224 B
	1:00 PM - 3:00 PM	Generation Image – Photography 101 for Communicating Lab Research: I	Sheraton, Maryvale B
91	1:00 PM - 3:00 PM	Crops Judging Contest Showcase	PCC, Ballroom 120D
92	1:00 PM - 3:00 PM	Interactive Workshop: Writing Manuscripts for Publication	PCC, 229 A
93	1:00 PM - 5:00 PM	Symposium--Nutrient Management as related to CCA specialty certification exam prep	PCC, 121 AB
94	1:10 PM - 3:45 PM	C-2/C4 Graduate Student Oral Competition - II	PCC, 225 B
95	1:25 PM - 3:15 PM	Turfgrass Management	PCC, 223
96	1:25 PM - 3:40 PM	Symposium--Soils and Landscapes of the Southwestern United States	PCC, 132 C
97	1:30 PM - 2:05 PM	Poster and 5 Minute Rapid--Crop Ecology, Management and Quality	PCC, 121 C
98	1:30 PM - 2:30 PM	Calvin Sperling Memorial Biodiversity Lectureship	PCC, 123
99	1:30 PM - 2:35 PM	COP21 and Wetland Soils As Greenhouse Gas Sources and Sinks Oral	PCC, 226 B
100	1:30 PM - 3:00 PM	Symposium--"Hot" Tools and Technologies from Public- and Private-sector Agronomy Programs	PCC, 127 B
101	1:30 PM - 3:05 PM	Environmental Fate, Transport, and Monitoring of Pesticides (includes student competition)	PCC, 131 B
102	1:30 PM - 3:10 PM	Symposium--Seed Production and Field Performance in Relation to Seed Quality	PCC, 226 A
103	1:30 PM - 3:20 PM	Turfgrass Management: Weeds	PCC, 221 C
104	1:30 PM - 3:20 PM	Symposium--Optimizing Ecosystem Services of Urban Soils: Our Current State of the Science	PCC, 126C
105	1:30 PM - 3:25 PM	Symposium--Environmental Quality: A One Health Perspective	PCC, 127 C
106	1:30 PM - 3:30 PM	Symposium--the Grand Challenge – Water: Food, Energy and Environmental Security	PCC, 232 B
107	1:30 PM - 3:30 PM	Symposium--Feed the Future - Impacts, Successes and Challenges	PCC, 221 B
108	1:30 PM - 3:30 PM	Polyhalite Use in Crop Product	PCC, Exhibit Hall CDE
109	1:30 PM - 3:35 PM	Biometry & Statistical Computing Oral	PCC, 122 A
110	1:30 PM - 3:50 PM	Symposium--Extreme Temperature and Drought Effects on ET and Crop Water Stress: Data, Concepts, and Modeling	PCC, 232 A
111	1:30 PM - 3:55 PM	Symposium--Evolution of Biophysical Measurements: Legacy of the US Water Conservation Lab and Advances in Rapid Phenotyping	PCC, 231 C
112	1:30 PM - 4:00 PM	Semiarid Dryland Cropping Systems Oral	PCC, 228 A
113	1:30 PM - 4:00 PM	Forage and Grazinglands Oral I	PCC, 225 A
114	1:30 PM - 4:00 PM	Symposium--so You Think You're an Expert - Consulting As an Expert Witness	PCC, 227 C
115	1:30 PM - 4:15 PM	Sustainable Intensification Research: Assessing Multiple Biophysical and Socioeconomic Outcomes	PCC, 228 B
116	1:30 PM - 4:15 PM	5 Minute Rapid--Soil Physics and Hydrology Student Competition (Includes Poster Session)	PCC, 132 B
117	1:30 PM - 4:30 PM	Soil and Water Management Conservation Oral III	PCC, 231 B
118	1:30 PM - 4:45 PM	Symposium--Unearthing the Role of Global Soil Biodiversity in Ecosystems	PCC, 131 C
119	1:40 PM - 3:15 PM	Forest, Range, and Wildland Soils General Session I Oral	PCC, 132 A
120	1:55 PM - 3:45 PM	Soil Management Impacts on Soil Properties and Soil C and N Dynamics Oral II	PCC, 231 A
121	1:55 PM - 4:00 PM	Symposium--Exchanging Waterway Nutrient Abundance for Scarcity	PCC, 127 A
122	2:00 PM - 3:00 PM	C302 Crop Science Editorial Board	PCC, 232 C
	2:00 PM - 3:00 PM	METER Presents	PCC, Exhibit Hall CDE, Demonstration Stage

No.	TIME	SESSION TITLE	LOCATION
123	2:00 PM - 3:45 PM	Symposium--Plant-Plant Communication: Implications for Novel Control of Invasive Weeds and Yield Resilience	PCC, 126 B
124	2:00 PM - 3:45 PM	Symposium--Soil Health Measurements for Resilient Agriculture: Assessments for Land Managers	PCC, 221 A
	2:00 PM - 4:00 PM	USDA-ARS All Hands Meeting	PCC, 122 BC
125	2:00 PM - 4:00 PM	S4/S8 M.S. Poster Competition	PCC, Exhibit Hall CDE
126	2:00 PM - 5:00 PM	Symposium--Sustainability Challenges in Organic Agriculture	PCC, 124 B
127	2:30 PM - 4:30 PM	Symposium--Approaches in IPR for Delivering Public Benefits of Plant Breeding	PCC, 124 A
128	2:30 PM - 4:35 PM	Symposium--QTL That Matter	PCC, 123
129	2:40 PM - 2:55 PM	ASA Community Business Meeting--Biophysical Measurements and Sensors	PCC, 231 C
130	3:00 PM - 4:00 PM	ASA Community Business Meeting--Advancing Agronomy via Public-Private Collaboration	PCC, 127 B
131	3:00 PM - 4:30 PM	Symposium--Harnessing Senior and Emeritus Members to Advance Agronomy, Crops and Soils	PCC, 128 A
	3:00 PM - 5:00 PM	Soil and Plant Council Board Meeting	Sheraton, Laveen B
132	3:00 PM - 5:00 PM	Undergraduate Research Contest - Poster Section I	PCC, Exhibit Hall CDE
133	3:00 PM - 5:00 PM	Undergraduate Research Contest - Poster Section II	PCC, Exhibit Hall CDE
134	3:00 PM - 5:00 PM	Undergraduate Research Contest - Poster Section III	PCC, Exhibit Hall CDE
135	3:00 PM - 5:00 PM	Undergraduate Research Contest - Poster Section IV	PCC, Exhibit Hall CDE
136	3:00 PM - 5:00 PM	Undergraduate Research Contest - Poster Section V	PCC, Exhibit Hall CDE
137	3:00 PM - 6:00 PM	Career Fair	PCC, Exhibit Hall CDE, Career Center
138	3:10 PM - 4:10 PM	CSSA Business Meeting--Seed Physiology, Production and Technology	PCC, 226 A
139	3:15 PM - 4:00 PM	ASA Community Business Meeting--Applied Soybean Research	PCC, 125 A
140	3:15 PM - 4:45 PM	Expert panel: ASA/CSSA/SSSA Journals – From Manuscript Submission to Publishing.	PCC, 229 A
141	3:20 PM - 3:50 PM	Poster and 5 Minute Rapid--Environmental Fate, Transport, and Monitoring of Pesticides Poster (includes student competition)	PCC, 131 B
142	3:20 PM - 4:20 PM	ASA Business Meeting--Agronomic Production Systems	PCC, 126 A
143	3:30 PM - 4:00 PM	ASA Community Business Meeting--Gaining Access to Agronomic Inputs	PCC, 221 B
144	3:30 PM - 4:15 PM	ASA Community Business Meeting--Sustainable Intensification Community	PCC, 228 B
145	3:30 PM - 4:15 PM	5 Minute Rapid--Forest, Range, and Wildland Soils	PCC, 132 A
146	3:30 PM - 4:30 PM	ACSESS— Your Society Publisher, Your science lives here!	PCC, Exhibit Hall CDE, Demonstration Stage
	3:30 PM - 6:00 PM	NAPT-PAP Oversight Committee s-890	Sheraton, Deer Valley
147	3:35 PM - 3:45 PM	ASA Community Business Meeting--Weedy and Invasive Plant Species	PCC, 126 B
148	3:50 PM - 4:15 PM	Poster and 5 Minute Rapid--Soils and Landscapes of the Southwestern United States (includes student competition)	PCC, 132 C
149	4:00 PM - 5:00 PM	Global Climate Change General Poster (includes student competition)	PCC, Exhibit Hall CDE
150	4:00 PM - 6:00 PM	Developing Research and Extension Skills of Students in Integrated Agronomic Systems	PCC, Exhibit Hall CDE
151	4:00 PM - 6:00 PM	Applied Soybean Research Poster	PCC, Exhibit Hall CDE
152	4:00 PM - 6:00 PM	Bioenergy Systems Poster Competition	PCC, Exhibit Hall CDE
153	4:00 PM - 6:00 PM	Crop Irrigation Strategies and Management Poster (includes student competition)	PCC, Exhibit Hall CDE
154	4:00 PM - 6:00 PM	General Bioenergy Systems Poster	PCC, Exhibit Hall CDE
155	4:00 PM - 6:00 PM	Biometry & Statistical Computing Poster	PCC, Exhibit Hall CDE
156	4:00 PM - 6:00 PM	Soil-Plant-Water Relations Poster (includes student competition)	PCC, Exhibit Hall CDE
157	4:00 PM - 6:00 PM	Applied Agronomic Research and Extension Poster	PCC, Exhibit Hall CDE
158	4:00 PM - 6:00 PM	Connecting Agronomy and STEM Education in K-12 Poster	PCC, Exhibit Hall CDE
159	4:00 PM - 6:00 PM	General Extension Education Poster	PCC, Exhibit Hall CDE
160	4:00 PM - 6:00 PM	Undergraduate Education Poster	PCC, Exhibit Hall CDE
161	4:00 PM - 6:00 PM	Agricultural Practices to Improve Nitrogen-Use Efficiency and Mitigate Greenhouse Gas Emission Poster (includes student competition)	PCC, Exhibit Hall CDE
162	4:00 PM - 6:00 PM	Counting Carbon on the Farm: Science, Systems and Support Poster (includes student competition)	PCC, Exhibit Hall CDE
163	4:00 PM - 6:00 PM	Crop Breeding & Genetics Poster I (includes grad student competition)	PCC, Exhibit Hall CDE

No.	TIME	SESSION TITLE	LOCATION
164	4:00 PM - 6:00 PM	C-2/C-4 Student Competition Poster	PCC, Exhibit Hall CDE
165	4:00 PM - 6:00 PM	Crop Ecology, Management and Quality Poster	PCC, Exhibit Hall CDE
166	4:00 PM - 6:00 PM	C-4/C-2 Student Competition Poster	PCC, Exhibit Hall CDE
167	4:00 PM - 6:00 PM	Golf Turf Poster (includes student competition)	PCC, Exhibit Hall CDE
168	4:00 PM - 6:00 PM	Turfgrass Breeding, Genetics and Molecular Techniques Poster (includes student competition)	PCC, Exhibit Hall CDE
169	4:00 PM - 6:00 PM	Turfgrass Management Poster	PCC, Exhibit Hall CDE
170	4:00 PM - 6:00 PM	Robert F Barnes M.S. Poster Contest	PCC, Exhibit Hall CDE
171	4:00 PM - 6:00 PM	Biomedical, Health-Beneficial and Nutritionally Enhanced Plants Poster	PCC, Exhibit Hall CDE
172	4:00 PM - 6:00 PM	Forest, Range, and Wildland Soils General Session I Poster	PCC, Exhibit Hall CDE
173	4:00 PM - 6:00 PM	Foundations of Ecological Restoration: Recovery of Soil Functions after Drastic Disturbance Poster	PCC, Exhibit Hall CDE
174	4:00 PM - 6:00 PM	Greenhouse Gas Emissions and Mitigation from Managed Lands Poster (includes student competition)	PCC, Exhibit Hall CDE
175	4:00 PM - 6:00 PM	Quantifying and Predicting Soil Ecosystem Services for Water, Food, Energy and Environmental Security Poster (includes student competition)	PCC, Exhibit Hall CDE
176	4:00 PM - 6:00 PM	Soil and Water Management and Conservation Poster I (student competition)	PCC, Exhibit Hall CDE
177	4:00 PM - 6:00 PM	Soil Biology and Biochemistry Poster I (includes student competition)	PCC, Exhibit Hall CDE
178	4:00 PM - 6:00 PM	S4/S8 Ph.D. Poster Competition	PCC, Exhibit Hall CDE
179	4:00 PM - 6:00 PM	Advances in Soil Sensing and Model Integration with Instrumentation Poster	PCC, Exhibit Hall CDE
180	4:00 PM - 6:00 PM	Soil Physics and Hydrology Poster I (includes student competition)	PCC, Exhibit Hall CDE
181	4:00 PM - 6:00 PM	Dynamics of Pollutant Transport Beneath Onsite Wastewater Systems Poster (includes student competition)	PCC, Exhibit Hall CDE
182	4:00 PM - 6:00 PM	Fertilizer and Water Management Effects on the Soil Environment Poster (includes student competition)	PCC, Exhibit Hall CDE
183	4:00 PM - 6:00 PM	Soils and Environmental Quality Poster I	PCC, Exhibit Hall CDE
184	4:00 PM - 6:00 PM	Urban and Anthropogenic Soils Poster (includes student competition)	PCC, Exhibit Hall CDE
185	4:10 PM - 4:40 PM	ASA Community Business Meeting-- Professional Applied Agronomists	PCC, 126 B
186	4:15 PM - 6:00 PM	Soil Mineralogy Poster	PCC, Exhibit Hall CDE
187	4:30 PM - 5:30 PM	ACS330 Agricultural & Environmental Letters Journal Editorial Board	Sheraton, Laveen A
	4:30 PM - 6:00 PM	Biochar Period: If You Have Data We Want to See It (includes student competition)	PCC, Exhibit Hall CDE
	5:30 PM - 6:30 PM	ACS324.1 Journal of Environmental Quality Technical Editors	Sheraton, Laveen A
	5:30 PM - 6:30 PM	Association of Agricultural Scientists of Indian Origin (AASIO) Annual Meeting	PCC, 231 A
	5:30 PM - 7:00 PM	University of Arkansas Pigout	Sheraton, Camelback A
	5:30 PM - 7:30 PM	Colorado State University Alumni Reception	Sheraton, Ahwatukee B
	5:30 PM - 7:30 PM	University of Minnesota Mixer	Sheraton, Camelback B
	5:30 PM - 7:30 PM	Purdue Boilermaker Reception	Sheraton, Valley of the Sun D
188	5:45 PM - 6:30 PM	Delegate Training for SASES Clubs	Sheraton, Valley of the Sun ABC
189	6:00 PM - 7:30 PM	SSSA Town Hall Meeting	PCC, 224 A
	6:00 PM - 8:00 PM	All Illinois Mixer	Sheraton, Ahwatukee A
	6:00 PM - 8:00 PM	Southern US Turfgrass Improvement Program – SCRI Project Meeting	Sheraton, Laveen B
	6:00 PM - 8:00 PM	Missouri Reception	Sheraton, Valley of the Sun E
	6:30 PM - 7:30 PM	Soil Micromorphology Committee Business Meeting	Sheraton, Laveen A
	6:30 PM - 8:30 PM	2016 Annual Meeting of the Association of Chinese Soil & Plant Scientists in North America	PCC, 221 C
190	6:30 PM - 9:00 PM	SASES Dinner, Awards, and Elections	Sheraton, Valley of the Sun ABC
	6:30 PM - 9:30 PM	Christian Fellowship	Sheraton, Maryvale B
	7:30 PM - 9:00 PM	2017 Program Planning Meeting	PCC, 221 A
	7:30 PM - 9:30 PM	DSSAT Foundation Open Forum	Sheraton, Deer Valley
191	9:30 PM - 11:55 PM	SASES Social	Sheraton, Encanto AB

Tuesday

6:30 AM - 7:30 AM	Urban Flow Yoga (intermediate-advanced class)	Sheraton, Camelback AB
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No.	TIME	SESSION TITLE	LOCATION
192	6:30 AM - 8:00 AM 6:30 AM - 8:30 AM 7:00 AM - 7:30 AM 7:00 AM - 8:00 AM	Frank N. Meyer Medal for Plant Genetic Resources Breakfast & Award SSSA (S591) K-12 Committee Moderator Training V North American Forest Soils Conference Planning Committee Meeting	Sheraton, Maryvale B Sheraton, Laveen A PCC, 221 C Sheraton, Laveen B
193	7:00 AM - 9:10 AM	ASA Breakfast, Awards, and Plenary (York Lectureship)	Sheraton, Valley of the Sun ABC
194	7:00 AM - 6:00 PM	Extension Materials on Display II	PCC, Exhibit Hall CDE
195	7:55 AM - 9:15 AM	C-2/C4 Graduate Student Oral Competition - III	PCC, 123
196	7:55 AM - 10:00 AM	Turfgrass Breeding, Genetics, and Molecular Techniques (student competition)	PCC, 225 B
197	7:55 AM - 10:00 AM	Symposium--Climate Mitigation from Soil - Meeting COP21 Initiative Goals	PCC, 129 A
198	7:55 AM - 10:15 AM	Golf Turf Management (student competition)	PCC, 224 A
199	7:55 AM - 12:00 PM	Novel Approaches to Quantify and Combat Soil Degradation	PCC, 227 C
200	7:55 AM - 12:00 PM	Soil Chemistry Oral	PCC, 225 A
201	8:00 AM - 9:05 AM	Consulting Soil Scientists Oral	PCC, 227 A
202	8:00 AM - 9:45 AM	Soil Education & Outreach Oral	PCC, 231 B
203	8:00 AM - 9:50 AM	General Organic Management Systems Oral I (includes student competition)	PCC, 127 A
204	8:00 AM - 10:00 AM	Remote Sensing of Land Surface and Vadose Zone Hydrologic Processes Oral	PCC, 131 A PCC, 228 A
205	8:00 AM - 10:35 AM	Soils and Environmental Quality Oral I	
206	8:00 AM - 11:00 AM	Symposium--Soil Organic Amendments and N Cycling: Strategies to Improve Nitrogen Use Efficiency, Reduce Synthetic Fertilizer Input, Nitrate Leaching, and Nitrous Oxide Emissions	PCC, 131 B
207	8:00 AM - 12:00 PM	Symposium--Crop Management as related to CCA specialty certification exam prep	PCC, 121 AB
208	8:00 AM - 12:00 PM	Symposium--Resiliency in Forages and Grazinglands	PCC, 223
209	8:00 AM - 3:10 PM	Soil Biology and Biochemistry Oral	PCC, 131 C
210	8:00 AM - 4:00 PM	Gateway Scholars Program	PCC, 128 A
211	8:10 AM - 10:00 AM	Fundamental Changes in Soil Taxonomy	PCC, 227 B
212	8:15 AM - 12:00 PM	Symposium--Quantifying Uncertainty in Forest Ecosystem Studies	PCC, 132 B
213	8:25 AM - 9:15 AM	Soil Mineralogy Oral	PCC, 126 B
214	8:30 AM - 9:35 AM 9:00 AM - 1:30 PM 9:00 AM - 6:00 PM	Ron Phillips Plant Genetics Lectureship Taliesin West and Carefree, AZ Exhibits & Career Center Open	PCC, 122 BC PCC, Third Street Entrance PCC, Exhibit Hall CDE, Career Center
	9:00 AM - 6:00 PM	Graduate School Forum	PCC, Exhibit Hall CDE
215	9:25 AM - 11:50 AM	Soil N Characterization and N Management	PCC, 130
216	9:25 AM - 11:55 AM	Secondary, Micronutrients, and Animal Waste Oral	PCC, 132 C
217	9:25 AM - 12:00 PM	Crop Physiology and Metabolism Oral	PCC, 123
218	9:25 AM - 2:15 PM	Crop Ecology, Management and Quality Oral	PCC, 121 C
219	9:30 AM - 10:45 AM	Applied Agronomic Research and Extension Oral	PCC, 226 A
220	9:30 AM - 10:50 AM	Crop Irrigation Strategies and Management Oral (includes student competition)	PCC, 126 B
221	9:30 AM - 10:50 AM 9:30 AM - 11:00 AM	Watershed Management Planning: Predicting Nutrient Reductions Due to the Implementation of Best Management Practices ACS321 Editorial Affairs	PCC, 227 A Sheraton, Deer Valley
222	9:30 AM - 11:00 AM	Negotiation Strategies for Early Career Scientists	PCC, 230
223	9:30 AM - 11:00 AM	Undergraduate Education Oral	PCC, 226 B
224	9:30 AM - 11:20 AM 9:30 AM - 11:30 AM	Soil Health for Improving Soil Water Dynamics and Agroecosystem Resilience Generation Image – Photography 101 for Communicating Lab Research: II	PCC, 221 A Sheraton, Maryvale B
225	9:30 AM - 11:30 AM	Symposium--Decision Agriculture: Integrating Precision Tools, Data Science, and Agronomic Knowledge for Improved Decisions	PCC, 126C
226	9:30 AM - 11:30 AM	Symposium--Technologies for Resilience to Climate Change and Information Technologies for Small Stakeholders	PCC, 226 C
227	9:30 AM - 11:35 AM	Symposium--Novel and Ancient Crops: Small in Acreage, Large in Value	PCC, 122 A
228	9:30 AM - 11:50 AM	Impacts of Soil and Water Pollution on Food Safety Oral (includes student competition)	PCC, 228 B

No.	TIME	SESSION TITLE	LOCATION
229	9:30 AM - 11:55 AM	Symposium--Nitrogen Modeling Programs	PCC, 129 B
230	9:30 AM - 12:00 PM	ACS528 Diversity Student Poster Competition	PCC, Exhibit Hall CDE
231	9:30 AM - 12:10 PM	Management Practices and Land-Use Impact on Global Warming Potential and Greenhouse Gas Intensity	PCC, 127 C
232	9:30 AM - 12:15 PM	Symposium--Partitioning of Evapotranspiration: Instrumentation and Simulation	PCC, 126 A
233	9:40 AM - 11:00 AM	Current Agricultural and Environmental Uses of Gypsum	PCC, 127 B
234	9:45 AM - 11:35 AM	Symposium--Crop Modeling and Plant Breeding: Intersecting Disciplines for a Resilient Agriculture	PCC, 122 BC
235	9:50 AM - 2:50 PM	The Impact of 4Rs (Source, Rate, Time and Place) on Crop Yield Oral	PCC, 132 A
236	9:55 AM - 11:30 AM	Symposium--Soils and Microbial Communities in Newly Formed and Heavily Disturbed Wetland Environments	PCC, 125 B
237	9:55 AM - 11:55 AM	Agronomic Production Systems Oral	PCC, 127 A
238	10:00 AM - 11:00 AM	Braker - Portable Elemental Analysis for Agriculture, Food Safety & Quality	PCC, Exhibit Hall CDE, Demonstration Stage
239	10:00 AM - 11:30 AM	SSSA Business Meeting--Soil Education & Outreach	PCC, 231 B
240	10:00 AM - 12:15 PM	Symposium--Remote Sensing of Land Surface and Vadose Zone Hydrologic Processes	PCC, 131 A
241	10:10 AM - 2:30 PM	Greenhouse Gas Emissions and Mitigation from Lands Oral (includes student competition)	PCC, 128 B
242	10:25 AM - 11:45 AM	Turfgrass Breeding and Genetics	PCC, 225 B
243	10:25 AM - 12:15 PM	Turfgrass Management: Diseases/Insects	PCC, 224 A
244	11:00 AM - 12:00 PM	ASA Community Business Meeting--Extension Education	PCC, 226 A
245	11:00 AM - 12:00 PM	ASA Community Business Meeting--Undergraduate Education	PCC, 226 B
246	11:00 AM - 12:30 PM	ASA Community Business Meeting--By-product Gypsum Uses in Agriculture	PCC, 127 B
	11:00 AM - 1:00 PM	Golden Opportunity Scholars Program	Sheraton, Ahwatukee AB
247	11:10 AM - 12:00 PM	ASA Community Business Meeting--Crop Irrigation Strategies and Management	PCC, 126 B
248	11:30 AM - 12:00 PM	ASA Community Business Meeting--Agronomic Solutions for Smallholders	PCC, 226 C
249	11:30 AM - 12:00 PM	ASA Community Business Meeting--Soil Health	PCC, 221 A
	11:30 AM - 12:30 PM	Soil Methods Editorial Board	Sheraton, Deer Valley
250	11:30 AM - 12:30 PM	Irrrometer Company, Inc. - Understanding Soil Moisture Sensor Data to Maximize Water Use Efficiency	PCC, Exhibit Hall CDE, Demonstration Stage
251	11:30 AM - 12:30 PM	ASA Community Business Meeting--Precision Agriculture Systems	PCC, 126C
252	11:35 AM - 12:30 PM	CSSA Business Meeting--Plant Genetic Resources	PCC, 122 BC
253	11:40 AM - 12:10 PM	CSSA Business Meeting--Biomedical, Health-Beneficial and Nutritionally Enhanced Plants	PCC, 122 A
	12:00 PM - 12:30 PM	Moderator Training VI	PCC, 221 C
254	12:00 PM - 1:30 PM	Science Policy Graduate Student Luncheon	Sheraton, Valley of the Sun DE
255	12:30 PM - 2:00 PM	Tips from the Experts on the Job Application & Interviewing Process	PCC, 230
256	12:55 PM - 4:00 PM	Crop Physiology and Metabolism Oral II	PCC, 123
	1:00 PM - 2:00 PM	ACS320 Book and Multimedia Publishing	Sheraton, Deer Valley
257	1:00 PM - 2:00 PM	Delta-T - Using the DeltaLINK weather simulator to develop GP2 Data Logger applications and refine experimental methods	PCC, Exhibit Hall CDE, Demonstration Stage
	1:00 PM - 3:00 PM	Make a Compelling Science Message: II	Sheraton, Maryvale B
258	1:00 PM - 4:50 PM	Symposium--Adapting Cropping Systems to Drought & Water Scarcity	PCC, 124 B
259	1:00 PM - 5:00 PM	Symposium--Soil and Water Management as related to CCA specialty certification exam prep	PCC, 121 AB
260	1:15 PM - 5:05 PM	Climatology and Modeling Oral	PCC, 126C
261	1:25 PM - 2:50 PM	5 Minute Rapid--Turfgrass Science	PCC, 224 A
262	1:25 PM - 3:00 PM	Symposium--Soil Systems - What Are They and Why Are They Important?	PCC, 227 B
263	1:25 PM - 3:30 PM	Symposium--Future of Turf Undergraduate Programs: Admission, Enrollment and Retention	PCC, 224 B
264	1:25 PM - 3:40 PM	Symposium--Carbonates, Gypsum, Salts, and Dust	PCC, 131 B

No.	TIME	SESSION TITLE	LOCATION
265	1:30 PM - 2:00 PM	ASA Community Business Meeting-- U.S.-Sino Agricultural Research Forum	PCC, 226 C
266	1:30 PM - 2:00 PM	Poster and 5 Minute Rapid--Soil Education & Outreach	PCC, 231 B
267	1:30 PM - 2:10 PM	Poster and 5 Minute Rapid--Agronomic Production Systems	PCC, 126 B
268	1:30 PM - 2:30 PM	ASA Community Business Meeting--Soil Carbon and Greenhouse Gas Emissions	PCC, 127 C
269	1:30 PM - 2:50 PM	Soil Chemistry Oral II	PCC, 225 A
270	1:30 PM - 3:00 PM	Improving Accuracy and Precision of Soil Carbon and Greenhouse Gas Emission Measurements and Quantification Oral	PCC, 227 A
271	1:30 PM - 3:05 PM	Manure Management: Maximizing Plant Production and Nutrient Use Efficiency	PCC, 125 A
272	1:30 PM - 3:05 PM	Forest, Range, and Wildland Soils General Session II Oral	PCC, 132 B
273	1:30 PM - 3:10 PM	Tropical Legumes Oral	PCC, 226 B
274	1:30 PM - 3:15 PM	Symposium--Manufactured, Blended, and Engineered Soils for Urban Applications	PCC, 124 A
275	1:30 PM - 3:15 PM	Land Management and Conservation Oral	PCC, 225 B
276	1:30 PM - 3:30 PM	Symposium--Native Crops & Genetic Resources from the Southwest	PCC, 122 A
277	1:30 PM - 3:30 PM	General Nutrient Management Poster	PCC, Exhibit Hall CDE
278	1:30 PM - 3:30 PM	Organic Materials As Nutrient Sources	PCC, Exhibit Hall CDE
279	1:30 PM - 3:35 PM	Symposium--Processing High-Throughput Data for Statistical Analysis	PCC, 221 C
280	1:30 PM - 3:40 PM	Symposium--the Rhizosphere	PCC, 129 AB
281	1:30 PM - 3:45 PM	Evapotranspiration Measurements and Modeling Oral (includes student competition)	PCC, 126 A
282	1:30 PM - 3:50 PM	Crop Breeding & Genetics Oral I	PCC, 122 BC
283	1:30 PM - 3:50 PM	Symposium--Impacts of Soil and Water Pollution on Food Safety	PCC, 228 B
284	1:30 PM - 4:00 PM	Symposium--Pulse Crops: Partners in Resilience	PCC, 221 B
285	1:30 PM - 4:00 PM	Forage and Grazinglands Oral II	PCC, 223
286	1:30 PM - 4:15 PM	Women in Science Workshop on Leadership/Reception (ACS526).	PCC, 229 AB
286	1:30 PM - 4:20 PM	Modeling Energy and Mass Transfer Processes at the Soil-Atmospheric Interface Oral	PCC, 127 B
287	1:30 PM - 4:20 PM	Soil Physics and Hydrology Oral I	PCC, 127 A
288	2:00 PM - 4:00 PM	Building Active Teaching- and Extension-based Programs	PCC, 230
289	2:00 PM - 4:00 PM	Gypsum Use in Agriculture Poster	PCC, Exhibit Hall CDE
290	2:00 PM - 4:05 PM	Symposium--Enhancing the Sustainability and Resilience of Food Production with Extension and Integrated Extension-Research Strategies	PCC, 231 A
291	2:00 PM - 5:00 PM	Symposium--Building Resilience to Face Climate Change in China-US Collaborative Research	PCC, 226 C
292	2:15 PM - 2:55 PM	5 Minute Rapid--Agronomic Production Systems	PCC, 126 B
293	2:15 PM - 6:00 PM	William H. Patrick, Jr. Memorial Lectureship	PCC, 125 B
293	2:30 PM - 3:00 PM	AE Training for A302 Agronomy Journal Editorial Board	PCC, 231 C
294	2:30 PM - 3:30 PM	MicaSense - Remote Sensing Solutions for Precision Agriculture	PCC, Exhibit Hall CDE, Demonstration Stage
295	2:30 PM - 3:30 PM	ASA Community Business Meeting--Military Land Use and Management	PCC, 228 A
296	2:45 PM - 4:05 PM	5 Minute Rapid: Denitrification Strategies to Reduce Nutrient Excesses in Waterways	PCC, 127 C
297	2:55 PM - 4:00 PM	Quantifying and Predicting Soil Ecosystem Services for Water, Food, Energy and Environmental Security Oral	PCC, 128 B
298	2:55 PM - 4:30 PM	Quantitative Pedon Descriptions and Modeling - Digital Soil Morphometrics	PCC, 227 C
299	3:00 PM - 4:00 PM	SSSA Business Meeting--Soil Chemistry	PCC, 225 A
300	3:00 PM - 4:35 PM	5 Minute Rapid -- USGA/GCSAA Sponsored Research	PCC, 224 A
300	3:00 PM - 5:00 PM	Yield Forecasting Center Team Meeting	Sheraton, Laveen B
300	3:00 PM - 5:00 PM	A302 Agronomy Journal Editorial Board	PCC, 231 C
301	3:10 PM - 3:40 PM	ASA Community Business Meeting--Tropical Legumes	PCC, 226 B
302	3:15 PM - 4:15 PM	SSSA Business Meeting--Forest, Range, and Wildland Soils	PCC, 132 B
303	3:30 PM - 3:45 PM	ASA Community Business Meeting-- Evapotranspiration Measurement and Modeling	PCC, 126 A
304	3:30 PM - 3:55 PM	Poster and 5 Minute Rapid--Plant Genetic Resources	PCC, 122 A
305	3:30 PM - 4:00 PM	ASA Business Meeting--Land Management and Conservation	PCC, 225 B

No.	TIME	SESSION TITLE	LOCATION
306	3:30 PM - 4:00 PM	5 Minute Rapid: Stormwater Management-- Where Do Soils Fit in? (includes student competition)	PCC, 226 A
307	3:30 PM - 4:30 PM	SSSA Business Meeting--Wetland Soils	PCC, 125 B
308	3:35 PM - 4:05 PM	ASA Community Business Meeting--Sensor-Based Water Management	PCC, 126 B
309	4:00 PM - 4:50 PM	ASA Business Meeting--Biometry & Statistical Computing	PCC, 221 C
310	4:00 PM - 4:50 PM	ASA Community Business Meeting--Bioinformatics in Crops and Soils	PCC, 221 C
311	4:00 PM - 4:50 PM	ASA Community Business Meeting--Spatial Statistics Applications	PCC, 221 C
312	4:00 PM - 4:50 PM	ASA Community Business Meeting-- Statistical Education/Training for Researchers	PCC, 221 C
313	4:00 PM - 5:00 PM	Daiki Rika Kogyo Co., Ltd. - NEW iTensiometer & iPenetrometer	PCC, Exhibit Hall CDE, Demonstration Stage
314	4:00 PM - 5:00 PM	SSSA Business Meeting-- Nutrient Management and Soil and Plant Analysis	PCC, 129 B
315	4:00 PM - 5:00 PM	SSSA Business Meeting--Soil Fertility and Plant Nutrition	PCC, 129 AB
316	4:00 PM - 5:00 PM	SSSA Business Meeting--Urban and Anthropogenic Soils	PCC, 226 A
	4:00 PM - 5:30 PM	Soil Judging Contest Committee Meeting AS425	Sheraton, Deer Valley
317	4:00 PM - 6:00 PM	Cotton and Other Fiber Crops (includes student competition)	PCC, Exhibit Hall CDE
318	4:00 PM - 6:00 PM	General Organic Management Systems Poster (includes student competition)	PCC, Exhibit Hall CDE
319	4:00 PM - 6:00 PM	On-Farm Research: Advancing Precision Ag Tools, Data Analysis and Extension implications (includes student competition)	PCC, Exhibit Hall CDE
320	4:00 PM - 6:00 PM	Semiarid Dryland Cropping Systems Poster (includes student competition)	PCC, Exhibit Hall CDE
321	4:00 PM - 6:00 PM	Climatology and Modeling Poster	PCC, Exhibit Hall CDE
322	4:00 PM - 6:00 PM	Evapotranspiration Measurements and Modeling Poster (includes student competition)	PCC, Exhibit Hall CDE
323	4:00 PM - 6:00 PM	Model Applications in Field Research and Management Poster (includes student competition)	PCC, Exhibit Hall CDE
324	4:00 PM - 6:00 PM	Animal Agriculture & the Environment (includes student competition)	PCC, Exhibit Hall CDE
325	4:00 PM - 6:00 PM	Improving Accuracy and Precision of Soil Carbon and Greenhouse Gas Emission Measurements and Quantification Poster (includes student competition)	PCC, Exhibit Hall CDE
326	4:00 PM - 6:00 PM	Feed the Future - Impacts, Successes and Challenges Poster	PCC, Exhibit Hall CDE
327	4:00 PM - 6:00 PM	Tropical Legumes Poster	PCC, Exhibit Hall CDE
328	4:00 PM - 6:00 PM	Cover Crop Management Poster	PCC, Exhibit Hall CDE
329	4:00 PM - 6:00 PM	Land Management and Conservation Poster	PCC, Exhibit Hall CDE
330	4:00 PM - 6:00 PM	Military Land Use and Management Poster	PCC, Exhibit Hall CDE
331	4:00 PM - 6:00 PM	Soil Health for Resilient Agroecosystems (includes student competition)	PCC, Exhibit Hall CDE
332	4:00 PM - 6:00 PM	Crop Breeding & Genetics Poster II	PCC, Exhibit Hall CDE
333	4:00 PM - 6:00 PM	Div. C03 M.S. Poster Competition	PCC, Exhibit Hall CDE
334	4:00 PM - 6:00 PM	Div. C03 Ph.D. Poster Competition	PCC, Exhibit Hall CDE
335	4:00 PM - 6:00 PM	Applied Pest Management Poster (includes student competition)	PCC, Exhibit Hall CDE
336	4:00 PM - 6:00 PM	Turf Ecology and Management Poster (includes student competition)	PCC, Exhibit Hall CDE
337	4:00 PM - 6:00 PM	Turfgrass Management Poster: Pests	PCC, Exhibit Hall CDE
338	4:00 PM - 6:00 PM	Turfgrass Science Poster	PCC, Exhibit Hall CDE
339	4:00 PM - 6:00 PM	Forage and Grazinglands Poster I	PCC, Exhibit Hall CDE
340	4:00 PM - 6:00 PM	Genomics, Molecular Genetics and Biotechnology Poster (includes student competition)	PCC, Exhibit Hall CDE
341	4:00 PM - 6:00 PM	Plant Genetic Resources Poster	PCC, Exhibit Hall CDE
342	4:00 PM - 6:00 PM	Forest, Range, and Wildland Soils General Session II Poster	PCC, Exhibit Hall CDE
343	4:00 PM - 6:00 PM	Soil Management Impacts on Soil Properties and Soil C and N Dynamics Poster I (includes student competition)	PCC, Exhibit Hall CDE
344	4:00 PM - 6:00 PM	Soil Pedology Poster	PCC, Exhibit Hall CDE
345	4:00 PM - 6:00 PM	Microbial Diversity of Oligotrophic Environments: Strategies, Processes, and Functions Poster	PCC, Exhibit Hall CDE
346	4:00 PM - 6:00 PM	Soil Health in Agroecosystems/Rangelands Poster	PCC, Exhibit Hall CDE
347	4:00 PM - 6:00 PM	Soil Education & Outreach Poster	PCC, Exhibit Hall CDE
348	4:00 PM - 6:00 PM	Remote Sensing of Land Surface and Vadose Zone Hydrologic Processes Poster	PCC, Exhibit Hall CDE
349	4:00 PM - 6:00 PM	Impacts of Soil and Water Pollution on Food Safety Poster (includes student competition)	PCC, Exhibit Hall CDE

No.	TIME	SESSION TITLE	LOCATION
350	4:00 PM - 6:00 PM 5:00 PM - 6:00 PM	Soils and Environmental Quality Poster II Dupont Plant Sciences Symposia Series	PCC, Exhibit Hall CDE Sheraton, Maryvale B
351	5:15 PM - 8:00 PM	Leo M. Walsh Soil Fertility Distinguished Lectureship	PCC, 129 AB
352	5:30 PM - 6:45 PM 5:30 PM - 7:00 PM 5:30 PM - 7:30 PM	Elevator Speech Contest for Grad Students and Post-Docs S303 Vadose Zone Journal Editorial Board Dow Agrosociences/University of Illinois Urbana Champaign Social	PCC, 121 C Sheraton, Deer Valley Sheraton, Camelback A
	5:30 PM - 7:30 PM	Kansas State University, Dept of Agronomy	Sheraton, Ahwatukee B
353	6:00 PM - 7:15 PM 6:00 PM - 7:30 PM	ASA Business Meeting--Climatology and Modeling SSSA Higher Education Materials Committee	PCC, 126C Sheraton, Laveen B
354	6:00 PM - 9:00 PM	Election Night Watch Party	PCC, Ballroom 120 B-D
355	6:10 PM - 7:30 PM	SSSA Business Meeting--Soil Mineralogy	PCC, 221 C
356	6:10 PM - 7:30 PM 6:30 PM - 8:30 PM	SSSA Business Meeting--Soils and Environmental Quality University of Nebraska-Lincoln Department of Agronomy & Horticulture, Big Red Mixer	PCC, 228 B Sheraton, Ahwatukee A
357	7:15 PM - 7:30 PM	ASA Community Business Meeting--Agroclimatology and Agronomic Modeling	PCC, 126C
Wednesday			
	7:00 AM - 7:30 AM	Moderator Training VII	PCC, 221 C
358	7:00 AM - 8:00 AM	Advancing Pedology Colloquium	PCC, 126 B
359	7:00 AM - 9:00 AM	CSSA Breakfast, Awards, and Plenary (Klepper Lectureship)	Sheraton, Valley of the Sun ABC
360	7:00 AM - 4:30 PM	Extension Materials on Display III	PCC, Exhibit Hall CDE
361	7:30 AM - 10:45 AM	Symposium--Honoring the Contributions of Laj Ahuja: Building Bridges Among Disciplines By Synthesizing and Quantifying Soil and Plant Processes for Whole Systems Modeling	PCC, 227 C
362	7:55 AM - 12:00 PM	Soil Fertility for Corn, Wheat, and Soybean	PCC, 128 B
363	7:55 AM - 12:00 PM	New Frontiers of Soil and Plant Sciences: Astropedology and Space Agriculture	PCC, 125 B
	8:00 AM - 8:50 AM	ACS530 Early Career Committee Meeting	PCC, 129 AB
364	8:00 AM - 9:50 AM	Education and Extension Oral	PCC, 225 B
365	8:00 AM - 9:50 AM	Economics of Cover Crops and Impact on Crop Productivity Oral	PCC, 221 C
366	8:00 AM - 10:00 AM	Soil-Plant-Atmosphere Interactions and Soil Carbon Dynamics in Long-Term Research Experiments	PCC, 122 A
367	8:00 AM - 10:05 AM	Symposium--Digital Soil Mapping of Forest Soil Properties	PCC, 122 B
368	8:00 AM - 10:30 AM	Resiliency in Soil Microbial Communities Oral - Stress Responses & Hot Spots	PCC, 122 C
369	8:00 AM - 10:55 AM	Symposium--Biofuel Crop Production without Competing for Food Crops	PCC, 227 B
370	8:00 AM - 11:20 AM	Soils and Environmental Quality Oral II	PCC, 126C
371	8:00 AM - 11:25 AM	Global Agronomy Oral	PCC, 226 B
372	8:00 AM - 11:30 AM	Soil Organic Matter Cycling As a Key Critical Zone Process	PCC, 123
373	8:00 AM - 12:00 PM	Symposium--Humic Products: Optimizing Agroecosytem Balance	PCC, 230
374	8:00 AM - 12:00 PM	Agricultural Remote Sensing Oral	PCC, 228 A
375	8:00 AM - 12:15 PM	Symposium--Minimizing Phosphorus Losses during the Non-Growing Season	PCC, 124 A
376	8:00 AM - 5:00 PM	Symposium--Sustainable Agronomic Practices	PCC, 121 AB
377	8:10 AM - 11:45 AM	Soil Health	PCC, 128 A
378	8:25 AM - 11:45 AM	Fertilizer Management in Minor Acreage Crops Oral	PCC, 127 C
379	8:30 AM - 10:50 AM	Model Applications in Field Research Oral II (includes student competition)	PCC, 228 B
380	8:30 AM - 11:30 AM	Communicating Your Science for Graduate Students: Messaging for a Greater Impact	PCC, 229 A
381	8:30 AM - 11:50 AM	Soil and Water Management and Conservation Oral IV	PCC, 127 A
382	8:35 AM - 2:30 PM	Physical, Chemical and Biological Processes Controlling Transport and Remediation of Emerging Contaminants in Soils Oral (includes student competition)	PCC, 125 A
383	9:00 AM - 10:00 AM	Reaching out to Our Audience in the 21st Century	PCC, 221 B
384	9:00 AM - 10:20 AM	Where the Rubber Meets the Road: Novel and Real Uses of Biochar to Help People, Profit, and Plant (includes student competition)	PCC, 121 C

NO.	TIME	SESSION TITLE	LOCATION
385	9:00 AM - 10:50 AM	Urban Soil Restoration and Rehabilitation Oral (includes student competition)	PCC, 130
386	9:00 AM - 10:55 AM	General Wetland Soils Oral (Includes Graduate Student Competition)	PCC, 126 A
	9:00 AM - 11:00 AM	International Wheat Initiative Agronomy Expert Working Group	PCC, 232 A
	9:00 AM - 11:00 AM	Make a Compelling Science Message: III	Sheraton, Maryvale B
387	9:00 AM - 11:00 AM	Grant Application Navigation and Resources for Expanding Early Career Opportunities	PCC, 229 B
	9:00 AM - 12:00 PM	Desert Botanical Gardens	PCC, Third Street Entrance
	9:00 AM - 4:30 PM	Exhibits & Career Center Open	PCC, Exhibit Hall CDE, Career Center
	9:00 AM - 4:30 PM	Graduate School Forum	PCC, Exhibit Hall CDE
388	9:10 AM - 10:55 AM	Symposium--Transforming Smallholder Agronomy in Africa	PCC, 226 C
389	9:25 AM - 11:25 AM	Symposium--Sensing for Phenotyping and Management: What Can Remote and Proximal Sensors Tell Us about Physiological Properties of Crops?	Sheraton, Ahwatukee A
	9:30 AM - 10:30 AM	Crops & Soils Editorial Board Meeting	Sheraton, Camelback A
390	9:30 AM - 10:30 AM	Symposium--Forage Roundtable	Sheraton, Ahwatukee B
391	9:30 AM - 11:00 AM	SSSA Business Meeting--Soil Pedology	PCC, 126 B
392	9:30 AM - 11:20 AM	Soil Functional Zone Management:a Vehicle for Enhancing Agroecosystem Services	PCC, 221 A
393	9:30 AM - 11:30 AM	CSSA Business Meeting--Turfgrass Science	Sheraton, Deer Valley
394	9:30 AM - 11:30 AM	Symposium--the Prominent Role of Plant Genetic Resources and Genebanks in the Post-Genomic Era	Sheraton, Valley of the Sun D
395	9:30 AM - 12:00 PM	CSSA Business Meeting--Crop Ecology, Management and Quality	Sheraton, Camelback B
396	9:35 AM - 9:50 AM	ASA Community Business Meeting--K-12 Outreach and Activities	PCC, 225 A
397	9:50 AM - 10:50 AM	ASA Business Meeting--Education and Extension	PCC, 225 B
398	9:55 AM - 10:30 AM	General Extension Education Oral	PCC, 225 A
399	10:00 AM - 10:30 AM	ASA Community Business Meeting-- Agricultural Experiment Station Management	PCC, 221 B
400	10:00 AM - 10:30 AM	ASA Community Business Meeting--Cover Crop Management	PCC, 221 C
401	10:00 AM - 11:00 AM	Steven's Water Monitoring - Soil Monitoring With Stevens Hydra Probe Soil Sensor, Meeting the Challenges of new Applications	PCC, Exhibit Hall CDE, Demonstration Stage
	10:00 AM - 12:00 PM	ACS324.1 Journal of Environmental Quality Editorial Board	Sheraton, Laveen B
402	10:05 AM - 12:00 PM	Forest, Range, and Wildland Soils General Session III Oral	PCC, 122 B
403	10:15 AM - 11:50 AM	Symposium--Use of Aerial Imagery for Nutrient Management	PCC, 231 B
404	10:15 AM - 3:00 PM	On-Farm Research: II. Advancing Precision Ag Tools	PCC, 223
405	10:25 AM - 12:00 PM	General Organic Management Systems Oral II (includes student competition)	PCC, 231 A
406	10:25 AM - 12:00 PM	Soil Management Impacts on Soil Properties and Soil C and N Dynamics Oral III	PCC, 127 B
407	10:35 AM - 10:50 AM	ASA Community Business Meeting-- Model Applications in Field Research	PCC, 228 B
408	10:45 AM - 11:45 AM	CSSA Business Meeting--Forage and Grazinglands	Sheraton, Ahwatukee B
409	10:55 AM - 2:30 PM	Honoring the Contributions of Laj Ahuja: Building Bridges Among Disciplines by Synthesizing and Quantifying Soil and Plant Processes for Whole Systems Modeling Oral	PCC, 227 C
410	11:00 AM - 11:30 AM	ASA Community Business Meeting--Agronomy in Africa	PCC, 226 A
411	11:00 AM - 11:50 AM	Water Quality in Urbanizing Watersheds Oral (includes student competition)	PCC, 130
412	11:00 AM - 12:00 PM	ASA Community Business Meeting-- Bioenergy Systems (Open to Members)	PCC, 227 B
413	11:00 AM - 12:05 PM	Poster and 5 Minute Rapid--Soil Pedology	PCC, 126 B
	11:00 AM - 1:00 PM	Ogallala Water CAP Project Meeting	Sheraton, Laveen A
414	11:00 AM - 1:00 PM	SSSA Business Meeting/Luncheon--Soil Physics and Hydrology	PCC, 129 AB
415	11:15 AM - 12:00 PM	ASA Business Meeting--Environmental Quality	PCC, 122 A
416	11:30 AM - 12:00 PM	ASA Community Business Meeting--Crop Management Professionals	PCC, 231 C
417	11:30 AM - 12:00 PM	ASA Community Business Meeting-- Integrated Pest Management Professionals	PCC, 231 C
418	11:30 AM - 12:00 PM	ASA Community Business Meeting-- Soil and Water Management Professionals	PCC, 231 C

No.	TIME	SESSION TITLE	LOCATION
419	11:30 AM - 12:00 PM	ASA Community Business Meeting--Solar Corridor Crop System	PCC, 227 A
420	11:30 AM - 12:00 PM	ASA Community Business Meeting-- Airborne and Satellite Remote Sensing	PCC, 228 A
421	11:30 AM - 12:00 PM	ASA Community Business Meeting--Global Digital Soil Map	PCC, 226 B
422	11:30 AM - 12:00 PM	ASA Community Business Meeting--Perennial Grain Development	PCC, 226 A
423	11:30 AM - 12:30 PM	CID Bio-Science, Inc. - Applications for Root Imaging in Agriculture	PCC, Exhibit Hall CDE, Demonstration Stage
424	11:30 AM - 12:30 PM	CSSA Business Meeting--Joint Division C01 and C07	Sheraton, Valley of the Sun D
425	11:30 AM - 12:30 PM	CSSA Business Meeting--Crop Physiology and Metabolism	Sheraton, Ahwatukee A
426	11:30 AM - 12:30 PM	CSSA Business Meeting--Joint Division C07 and C01	Sheraton, Valley of the Sun D
427	11:50 AM - 12:20 PM	ASA Community Business Meeting-- Sensor-Based Nutrient Management	PCC, 231 B
428	12:00 PM - 1:30 PM	Think Tank on the Future of Agricultural and Environmental Research: Addressing the Need to Do More with Less	PCC, 224 AB
429	12:20 PM - 12:35 PM	ASA Community Business Meeting-- Nutrients and Environmental Quality	PCC, 124 A
	12:30 PM - 4:00 PM	Field-Based Phenotyping in Maricopa-Wednesday	PCC, Third Street Entrance
	1:00 PM - 2:00 PM	S774 Kirkham Conference Committee Meeting	PCC, 129 AB
430	1:00 PM - 2:00 PM	USDA-NRCS - Using Web Soil Survey	PCC, Exhibit Hall CDE, Demonstration Stage
	1:00 PM - 5:00 PM	Humic Products Trade Association Business Meeting	Hyatt, Sundance
431	1:25 PM - 2:30 PM	Soil Physics and Hydrology Oral II	PCC, 125 B
432	1:30 PM - 2:05 PM	Perennial Grain Development for a Resilient Society Oral	PCC, 226 A
433	1:30 PM - 2:30 PM	ASA Community Business Meeting--Organic Management Systems	PCC, 225 A
434	1:30 PM - 2:30 PM	ASA Community Business Meeting-- Biochar: Agronomic and Environmental Uses	PCC, 127 C
435	1:30 PM - 2:30 PM	ASA Business Meeting--Global Agronomy	PCC, 226 B
436	1:30 PM - 2:30 PM	SSSA Business Meeting--Soil and Water Management and Conservation	PCC, 127 B
437	1:30 PM - 2:35 PM	Sergei A. Wilde Distinguished Lectureship on Forest Soils	PCC, 122 B
438	1:30 PM - 2:40 PM	Water and Soil Microbial Populations Affected By Wastewater, Biosolids, and Manure	PCC, 128 B
439	1:30 PM - 3:30 PM	Nutrient Management Law and Regulation	PCC, 128 A
440	1:30 PM - 3:30 PM	Crop Breeding & Genetics Oral II	PCC, 124 B
441	1:30 PM - 3:30 PM	Innovations in Soil Testing and Plant Analysis	PCC, Exhibit Hall CDE
442	1:30 PM - 3:30 PM	Francis E. Clark Distinguished Lectureship on Soil Biology	PCC, 124 A
443	1:30 PM - 3:35 PM	Soil-Plant-Water Relations Oral	PCC, 228 B
444	1:30 PM - 3:40 PM	Symposium--Can Cover Crop Mixtures Maximize Agro-Ecosystem Services?	PCC, 221 C
445	1:30 PM - 4:20 PM	Plant Genetic Resources Oral	PCC, 126 A
446	2:00 PM - 2:30 PM	5 Minute Rapid--Soil Chemistry	PCC, 225 B
	2:00 PM - 3:00 PM	A213 Stewardship and Review Committee Meeting	PCC, 129 AB
447	2:00 PM - 3:25 PM	AgMIP: Advances in Crop & Soil Model Intercomparison and Improvement Oral	PCC, 228 A
448	2:00 PM - 4:00 PM	Fertilizer Coatings, Stabilizers and Additives	PCC, Exhibit Hall CDE
449	2:00 PM - 4:00 PM	Impacts of 4Rs (Source, Rate, Time and Place) on Crop Performance Poster	PCC, Exhibit Hall CDE
450	2:30 PM - 3:30 PM	Davis Instruments - Advances in Agricultural Data to the Farmer's Advantage	PCC, Exhibit Hall CDE, Demonstration Stage
451	2:30 PM - 4:00 PM	Education and Extension Poster	PCC, Exhibit Hall CDE
452	2:30 PM - 4:30 PM	Agronomic Production Systems, Cropping Systems and Tillage Poster	PCC, Exhibit Hall CDE
453	2:30 PM - 4:30 PM	Agronomic Production Systems, General Poster	PCC, Exhibit Hall CDE
454	2:30 PM - 4:30 PM	Agricultural Remote Sensing Poster	PCC, Exhibit Hall CDE
455	2:30 PM - 4:30 PM	Honoring the Contributions of Laj Ahuja: Building Bridges Among Disciplines By Synthesizing and Quantifying Soil and Plant Processes for Whole Systems Modeling Poster	PCC, Exhibit Hall CDE
456	2:30 PM - 4:30 PM	Environmental Quality Poster	PCC, Exhibit Hall CDE
457	2:30 PM - 4:30 PM	Global Agronomy Poster	PCC, Exhibit Hall CDE
458	2:30 PM - 4:30 PM	Crop Physiology and Metabolism Poster	PCC, Exhibit Hall CDE
459	2:30 PM - 4:30 PM	Forage and Grazinglands Poster II	PCC, Exhibit Hall CDE
460	2:30 PM - 4:30 PM	Digital Soil Mapping of Forest Soil Properties Poster	PCC, Exhibit Hall CDE

No.	TIME	SESSION TITLE	LOCATION
461	2:30 PM - 4:30 PM	Forest, Range, and Wildland Soils General Session III Poster	PCC, Exhibit Hall CDE
462	2:30 PM - 4:30 PM	Soil and Water Management and Conservation Poster II	PCC, Exhibit Hall CDE
463	2:30 PM - 4:30 PM	Soil Management Impacts on Soil Properties and Soil C and N Dynamics Poster II	PCC, Exhibit Hall CDE
464	2:30 PM - 4:30 PM	Soil Pedology Poster II	PCC, Exhibit Hall CDE
465	2:30 PM - 4:30 PM	Resiliency in Soil Microbial Communities Poster	PCC, Exhibit Hall CDE
466	2:30 PM - 4:30 PM	Soil Biology and Biochemistry Poster II	PCC, Exhibit Hall CDE
467	2:30 PM - 4:30 PM	Soil Chemistry Poster	PCC, Exhibit Hall CDE
468	2:30 PM - 4:30 PM	Fertilizer & Lime Responses 1	PCC, Exhibit Hall CDE
469	2:30 PM - 4:30 PM	Nutrient-Soil Management Interactions	PCC, Exhibit Hall CDE
470	2:30 PM - 4:30 PM	Soil Fertility and Plant Nutrition Poster	PCC, Exhibit Hall CDE
471	2:30 PM - 4:30 PM	Soil Physics and Hydrology Poster II	PCC, Exhibit Hall CDE
472	2:30 PM - 4:30 PM	Physical, Chemical, and Biological Processes Controlling Transport and Remediation of Emerging Contaminants in Soils Poster (includes student competition)	PCC, Exhibit Hall CDE
473	2:30 PM - 4:30 PM	Soils and Environmental Quality Poster III	PCC, Exhibit Hall CDE
474	2:30 PM - 4:30 PM	General Wetland Soils Poster I	PCC, Exhibit Hall CDE
475	2:30 PM - 4:30 PM	General Wetland Soils Poster II (includes student competition)	PCC, Exhibit Hall CDE
476	2:40 PM - 3:40 PM	ASA Community Business Meeting--Animal Agriculture and the Environment	PCC, 128 B
	3:00 PM - 4:00 PM	ASA Community & Section Feedback Meeting	PCC, 129 AB
477	3:30 PM - 4:30 PM	AgMIP: Advances in Crop & Soil Model Intercomparison and Improvement Poster	PCC, Exhibit Hall CDE
478	3:30 PM - 4:30 PM	SSSA Business Meeting--Soil Biology and Biochemistry	PCC, 124 A
479	3:35 PM - 4:00 PM	ASA Community Business Meeting--Global Climate Change	PCC, 228 A
480	3:35 PM - 4:05 PM	ASA Community Business Meeting--Soil-Plant-Water Relations	PCC, 228 B
	4:30 PM - 5:00 PM	Closing Reception	PCC, Ballroom 120 B-D
481	5:00 PM - 6:00 PM	ASA, CSSA and SSSA Closing Keynote	PCC, Ballroom 120 B-D
	5:00 PM - 7:00 PM	SERA-17 Mixer and Poster Session	Hyatt, Phoenix Ballroom

Thursday

7:00 AM - 9:00 AM	ASA Board of Directors Meeting	Sheraton, Encanto A
7:30 AM - 5:00 PM	SERA-17 Meeting	Hyatt, Phoenix Ballroom
8:00 AM - 5:00 PM	Annual Meeting of the Global Research Alliance - Croplands Research Group	Hyatt, Regency Ballroom AB
9:30 AM - 11:30 AM	CSSA Board of Directors Meeting	Sheraton, Encanto B