

Soil Fertility & Plant Nutrition / Nutrient Management & Soil and Plant Analysis Divisions Business Meeting

2016 International Meetings ASA-SSSA-CSSA


Phoenix, AZ

(approx. attendance: 90)





Thanks to our Generous Sponsors!!!!

- Mosaic (Reception after Leo Walsh Symposium)
 - Agrium U.S. Inc.
 - J.R. Simplot
 - Koch Agronomic Services Inc.
 - Potash Corp.
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Agenda

- Introduce leadership
- Election nominees needed for future leadership
- Division budgets
- SSSA reports
 - President, Harold van Es
 - Board reps
 - Member services, Susan Chapman
- Student competition results
- Division activities 2016 summary
- 2017 Meeting Plans
- 2018 (SSSA Jan 2019) Meeting Plans & Member survey
- Walsh Lecture
- Announcements / Other business

Division Chairs

Soil Fertility & Plant Analysis (S4)

- ▶ Carl Crozier– chair
- ▶ Carrie Laboski– past chair
- ▶ Jim Camberato– incoming chair
- ▶ Dorivar Ruiz Diaz– incoming chair elect

Nutrient Management & Soil and Plant Analysis (S8)

- ▶ Greg Schwab– chair
- ▶ Josh McGrath– past chair
- ▶ Rao Mylavarapu– incoming chair
- ▶ Kyle Freeman– incoming chair elect

Agricultural Soil & Food Systems Group Representatives to SSSA Board

- ▶ John Kovar (2014-2016)
- ▶ Alan Franzluebbbers (2015-2017)
- ▶ Richard Ferguson (2016-2018)
- ▶ John Grove (2017-2019)


Division Budgets for 2016

Item	Soil Fert & PI Nutr (\$4)	Nutr Mgmt & Soil & PI Anal. (\$8)
SSSA allotment 2016	\$1,500	\$1,500
SSSA carryover from 2015	\$2,010.61	\$2,010.61
Contributions for Walsh Symp (Mosaic)	\$2,500	\$2,500
Other contributions	\$1,500	\$1,500
Total funds available	\$7,510.61	\$7,510.61
Speaker travel support	-\$2,404.85	
Walsh reception	-\$2,491.88	-\$2,491.88
Graduate student competition awards	-\$2,613.88	-\$3,386.12
Total expenses	-\$7,510.61	-\$5,878
Balance	\$0	\$1,632.61



Report from SSSA

- President – Harold van Es
 - Board Reps – John Kovar presenting
 - Member Services – Susan Chapman
- 



2018 Annual Meeting (Jan 6-9, 2019 San Diego)

- Independent of ASA & CSSA (Nov 1-7, Baltimore)**
- First-ever North American Soil Science Meeting**
 - Soil Science Society of America**
 - Canadian Soil Science Society**
 - Mexican Soil Science Society**
- If interested in planning committee please contact SSSA Past-President Carolyn Olson**

News from the SSSA Board

Agricultural Soil & Food Systems

Soil & Water Mgmt & Conservation

Soil Fertility & Plant Nutrition

Nutrient Mgmt & Soil & Plant Analysis

John Kovar (2014-2016)

Alan Franzluebbers (2015-2017)

Richard Ferguson (2016-2018)

John Grove (2017-2019)



New SSSA Strategic Plan

- SSSA Board adopted a new Strategic Plan and invites members to review the plan posted to the Soils.org site on the “**About Society**” page.
- Contact your Board Representative with feedback.



Meetings

2017 Annual Meeting (Oct. 22-25, Tampa)

➤ theme: “Managing Global Resources for a Secure Future.”

ASA & CSSA meet in Baltimore Nov. 4-7, 2018 and SSSA meets Jan. 6-9, 2019 in San Diego

2019 Tri-Societies Annual Meeting (Nov. 10-13, San Antonio)



2019 Annual Meeting (Jan. 6-9, San Diego)

- **Independent of ASA and CSSA**
- **First-ever North American Soil Science Meeting**
- **Soil Science Society of America**
- **Canadian Soil Science Society**
- **Mexican Soil Science Society**



Agronomic Science Foundation

- ASF and Tri-societies supporting 15 Golden Opportunity Scholars and 6 Greenfield Scholars at this meeting
- Golden Opportunity Scholars program celebrates its 10th anniversary this year – 188 undergrads have participated



Public/Science Communications

- **Int. Year of Soils program received the American Society of Association Executives Gold Circle Award.**
- **SSSAJ and VZJ journal papers are covered in web stories written for the public and posted to Soils.org and promoted via news release. Lucas Silva and Michael Young are Communications Editors.**
- **SSSA established a new Communications Committee (S522) to develop a communications plan. Nick Comerford is Chair.**

Certification/Education

➤ CPSS:

- Soils Certifying Board making adjustments to CPSS requirements
- New Certified Soil Technician (CST) for those without a soil science degree
- Currently 792 CPSS and CPSC certifications

Publications Update

In 2016, 3,365 members have journal subscriptions, 2,240 members have a Digital Library subscription; 861 unique institutional accounts, 73 have DL subscriptions and 788 are non-DL subscriptions (single titles, journal package).



Science Policy Office

- **If you have input or are interested in working on a Farm Bill Task Force, contact the Science Policy Office**
- **Congressional Visits Day: 64 participants, 121 meetings with congressional offices**
- **Congressional Science Fellows: applications open**
 - **Visit Science Policy Table (exhibit hall)**



SSSA Membership

- Membership down 9% this year to 6,296
- SSSA has 36 Friends of Soil Science and 42 Trial Memberships
- To boost membership, SSSA participated in the USA Science and Engineering Festival in Washington, DC (150,000+ attendees); SSSA K-12 committee is completing State Soils Booklets for all 50 states (viewable at soils4teachers.org); and SSSA launched the Soils Multimedia Gallery: soils.org/media-gallery

Finances

	2015	2017 (Proposed)
Revenues	\$3,159,367	\$3,153,706
Expenses	\$3,243,469	\$3,169,408
Loss	(\$84,103)	(\$15,702)
Investment Income/Loss	(\$27,974)	????
Net Income	(\$112,077)	????

► Provided by Aaron De Joia, SSSA Budget & Finance Committee Chair

Candidates needed for 2017 Ballot

- **Need 2 candidates** for each of the following:
 - **SSSA Division Chair-Elect**
 - **Two for Soil Fertility & Plant Nutrition**
 - **Two for Soil & Water Mgmt. & Conservation**
 - **Two for Nutrient Mgmt. & Soil & Plant Anal.**
 - **Board Rep for Agric. Soil & Food Systems (two for the group)**
- **Nominees for SSSA President-Elect**
- **Provide names to board rep or Sara Uttech by *November 30***



THANK YOU!




ACSESS Member Services Update - Susan Chapman





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- 

Thanks to the Student Competition Judges

Oral Judges

- Julie Howe
- Letúzia Maria Oliveira
- Dorivar Ruiz Diaz
- Keith Reid
- Navneet Brar
- Ronnie Schnell
- Zach Hayden
- Deanna Osmond
- Nathan Slaton
- Brian Gardener
- Laban Rutto
- Peter Vadas

Poster Judges

- Tai Maaz
- Avjinder Kaler
- Amber Moore
- Jake Mowrer
- Will Osterholz
- Anserd Foster
- Esraa Alalwan
- Natasha Macnak
- Sally Flis
- Matt Yost
- John Breen
- Syam Dodla
- Lakesh Sharma
- Rob Michitsch
- Ramdeo Seepaul

Graduate Student Oral Competition

1st: \$500; 2nd: \$400; 3rd: \$300; 4th: \$200; 5th: \$100

Ph.D.

1. Flavia Agostinho, Louisiana State Univ.
2. Maria Terraza Pira, Univ. of Georgia-Athens
3. Sarah Lyons, Cornell Univ.
4. Curtis Ransom, Univ. of Missouri
5. Mollie Hoss, Univ. of Illinois

M.S.

1. Carolyn Wilson, Dalhousie Univ.
2. John Breker, North Dakota State Univ.
3. Jordan Wade, Univ. of California-Davis
4. Justin Brackenrich, West Virginia State Univ.
5. Anastasia Vaccaro, Univ. of Florida

Graduate Student Poster Competition

1st: \$500; 2nd: \$400; 3rd: \$300; 4th: \$200; 5th: \$100

Ph.D.

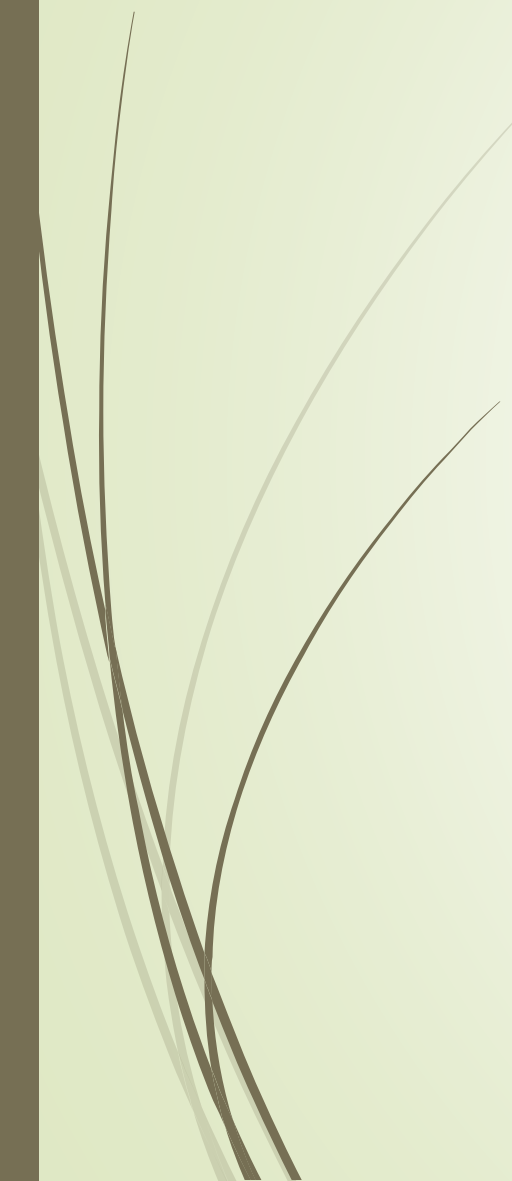
1. Corey Lacey, Purdue Univ.
2. Jeff Rutan, Michigan State Univ.
3. James Bowen, Univ. of Kentucky
4. Gurbir Singh, Southern Illinois State Univ.
5. Arun Jani, Univ. of Florida

M.S.

1. Dillon Cox, Univ. of Arkansas
2. Swetabh Patel, Iowa State Univ.
3. Tyler Richmond, Univ. of Arkansas
4. Cody Hornaday, Purdue Univ.
5. Chris Bandura, Univ. of Wisconsin-Madison



Sessions and Symposia

- Symposia
 - The Rhizosphere
 - Nitrogen Modeling Programs
 - Volunteered presentations (excluding students)
 - Oral – 87
 - Poster – 49
 - Graduate competition (62 students)
 - Ph.D. Oral - 18
 - M.S. Oral - 14
 - Ph.D. Poster - 16
 - M.S. Poster - 14
- 



Thanks To Presiding Officers

- ▶ William Pan
- ▶ Uttam Saha
- ▶ Jim Dunphy
- ▶ Bhupinder
Farmaha
- ▶ Cristie Edwards
- ▶ Kamaljit Banger
- ▶ Deli Chen
- ▶ Nathan Slaton
- ▶ Carl Crozier
- ▶ Bobby Golden
- ▶ Julie Howe
- ▶ Tiequan Zhang
- ▶ Sindhu
Jagadamma
- ▶ Austin Pearce



2017 Annual Meeting (Oct 22-25, Tampa)

Ideas to Improve Annual Meeting

- **Short symposia**
 - (2.5 h: 3-4 speakers; half day: 6-8 speakers)
- **15-min format still available**
- **“Ignite sessions” – 5 min presentations**



Ideas for Symposia at 2017 Annual Meetings?

- ▶ Contact:
 - ▶ Jim Camberato - Purdue Univ.
 - ▶ Rao Mylavarapu – Univ. of Florida



2018 Meetings

- ASA & CSSA – Nov. 4-7, 2018 – Baltimore, MD
- SSSA – Jan. 6-9, 2019, San Diego, CA
- World Congress of Soil Science – Aug. 12-17, 2018 – Rio de Janeiro, Brazil

- Options for the two divisions at either/or SSSA/ASA meetings?
 - Program presentations / session organization
 - Business Meeting
 - Graduate Student Competition
 - Walsh Lectureship

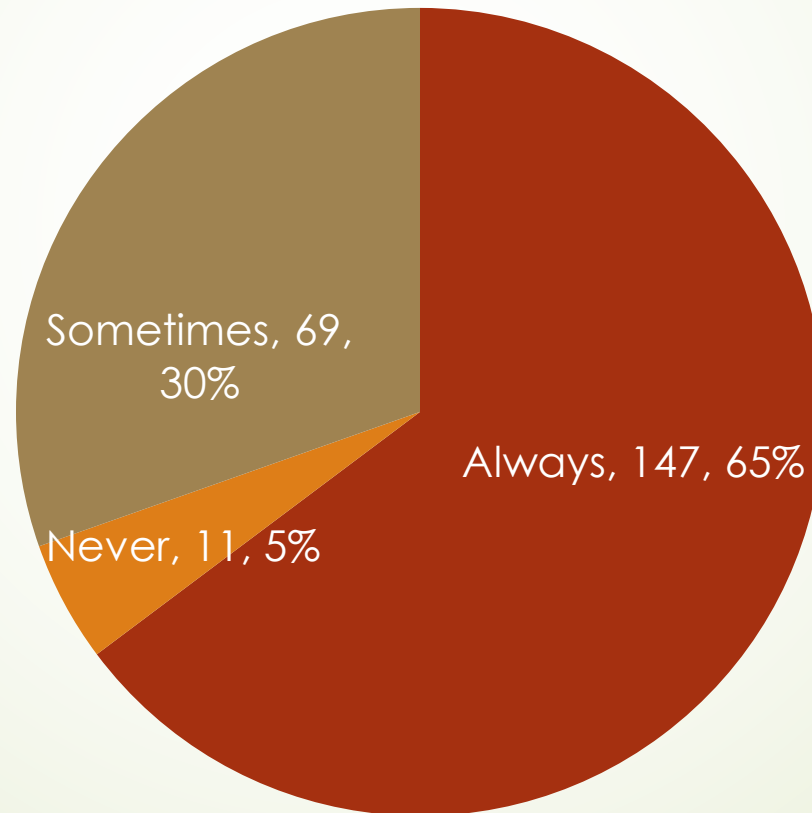
FYI – Collaborating Societies

- ▶ Mexican Society of Soil Science (Sociedad Mexicana de la Ciencia del Suelo, A.C.)
 - ▶ <http://www.smcsmx.org/>
 - ▶ Oct. 2016 meeting, 15 of 25 plenary presentations predominantly production ag-related topics
- ▶ Canadian Society of Soil Science / Societe Canadienne de la Science du Sol
 - ▶ <http://csss.ca/>
 - ▶ Pedology Subcommittee
 - ▶ Soil Education Subcommittee
 - ▶ Provincial Organizations (Agrologists, Soil & Water Conservation Societies, Soil Science Societies)

Joint Divisional Survey, Fall 2016

Do you usually attend the meetings (227)

Total



Always, Sometimes, or Never attend (227)

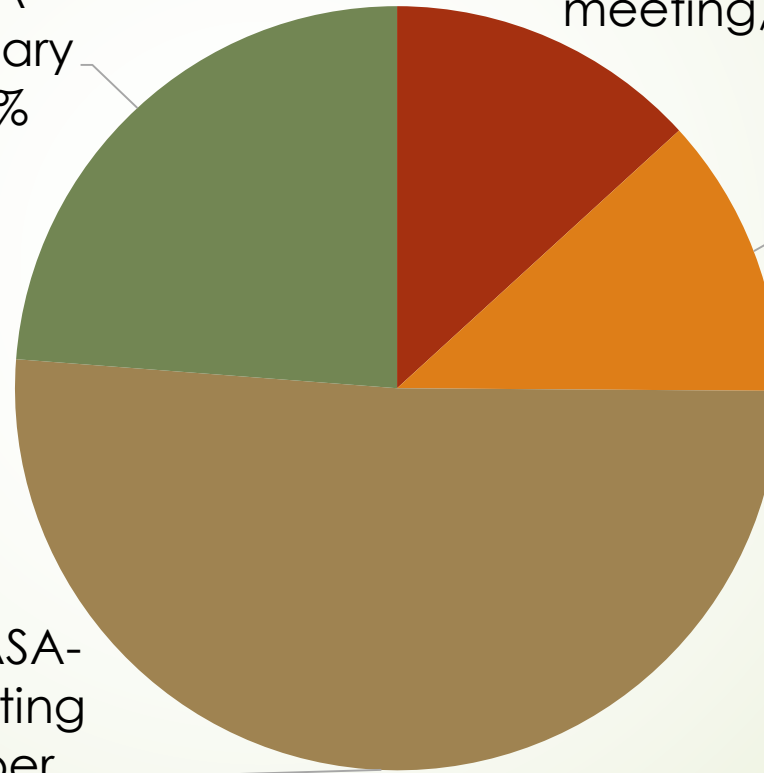
Which meeting will you attend in 2018?

Only the SSSA meeting (January 2019), 54, 24%

Both the SSSA meeting and the ASA-CSSA meeting, 30, 13%

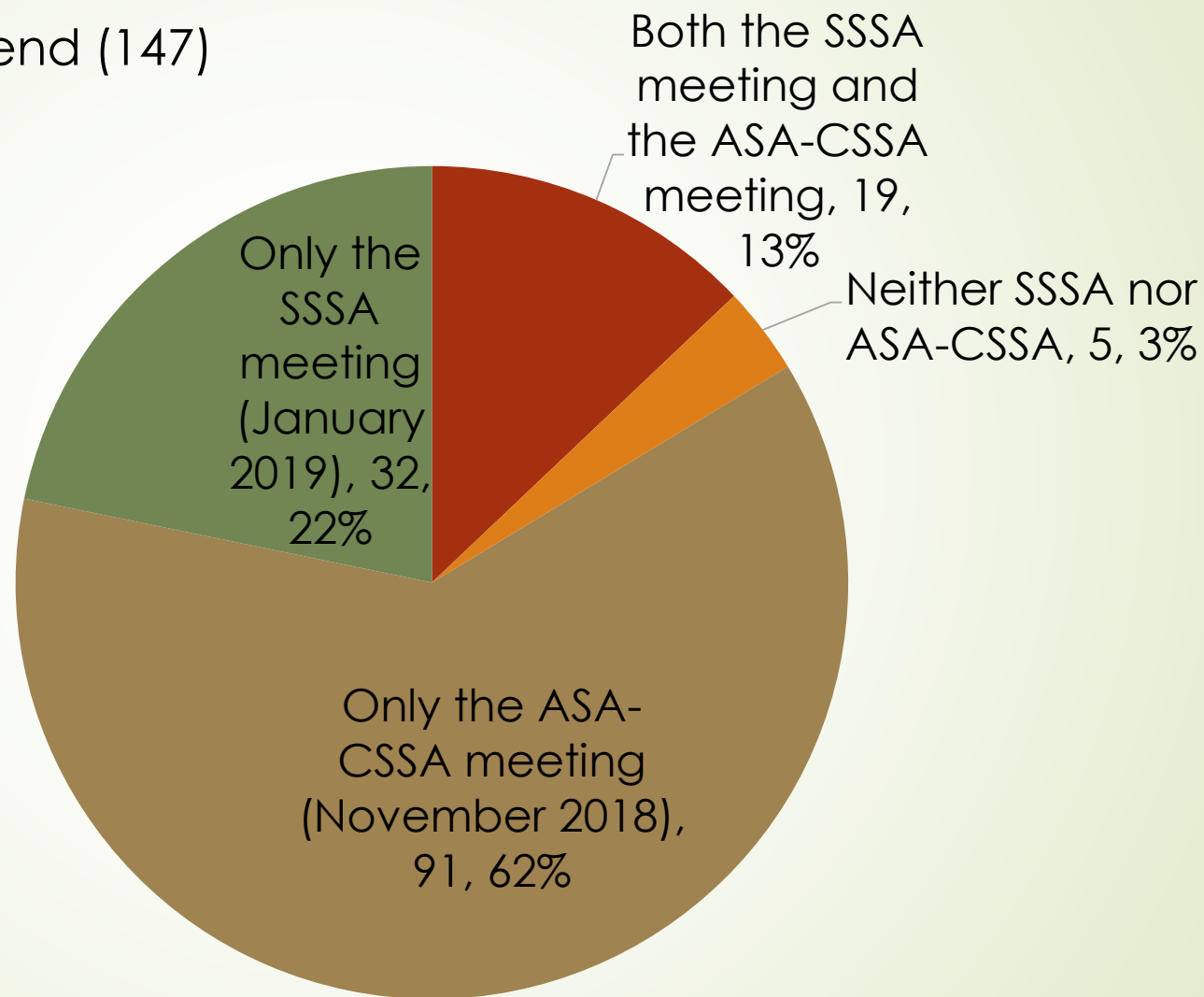
Neither SSSA nor ASA-CSSA, 27, 12%

Only the ASA-CSSA meeting (November 2018), 116, 51%



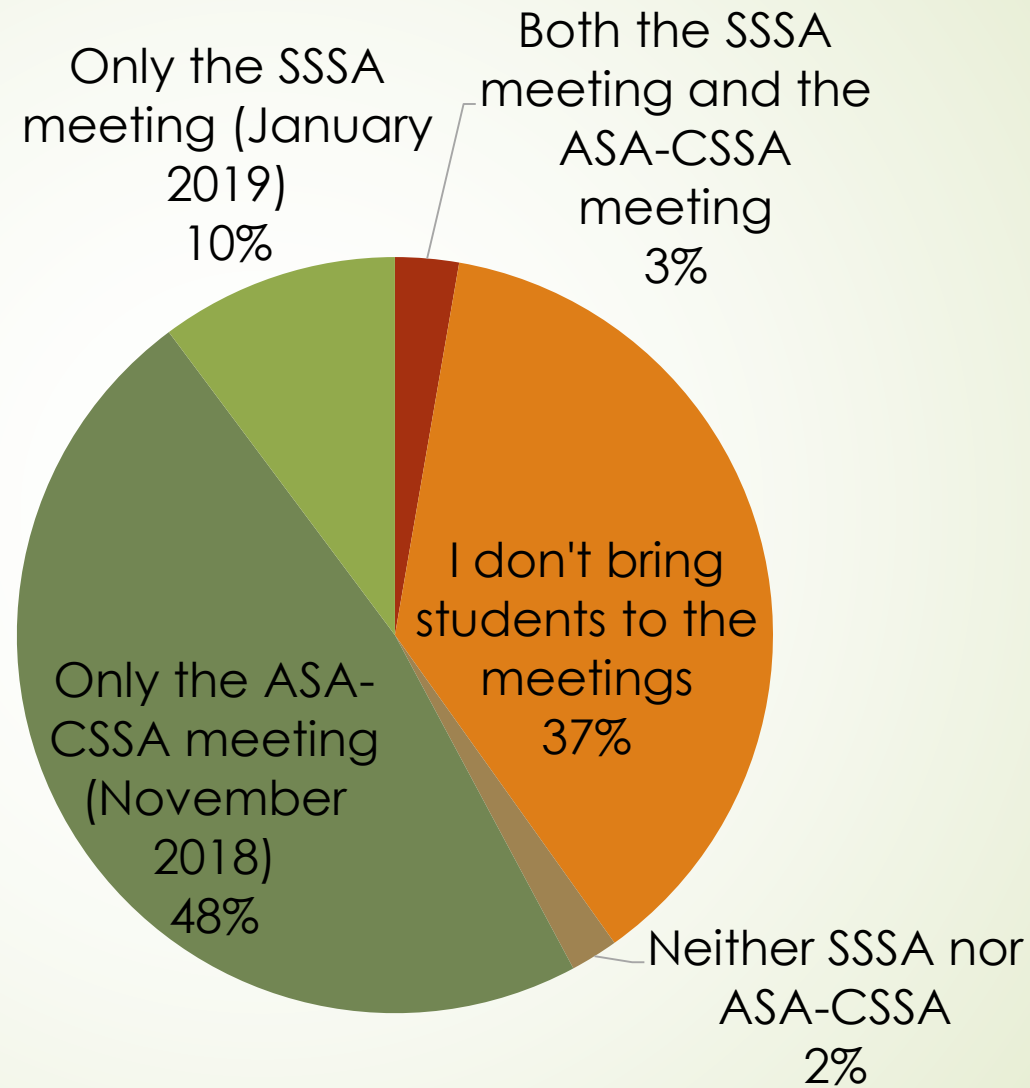
Which meeting(s) will you attend in 2018?

Of those who always attend (147)



Which meeting will your students attend?

Of those who always attend



Should S4/S8 set up an ASA community in 2018 for oral and poster presentations?

Always attend

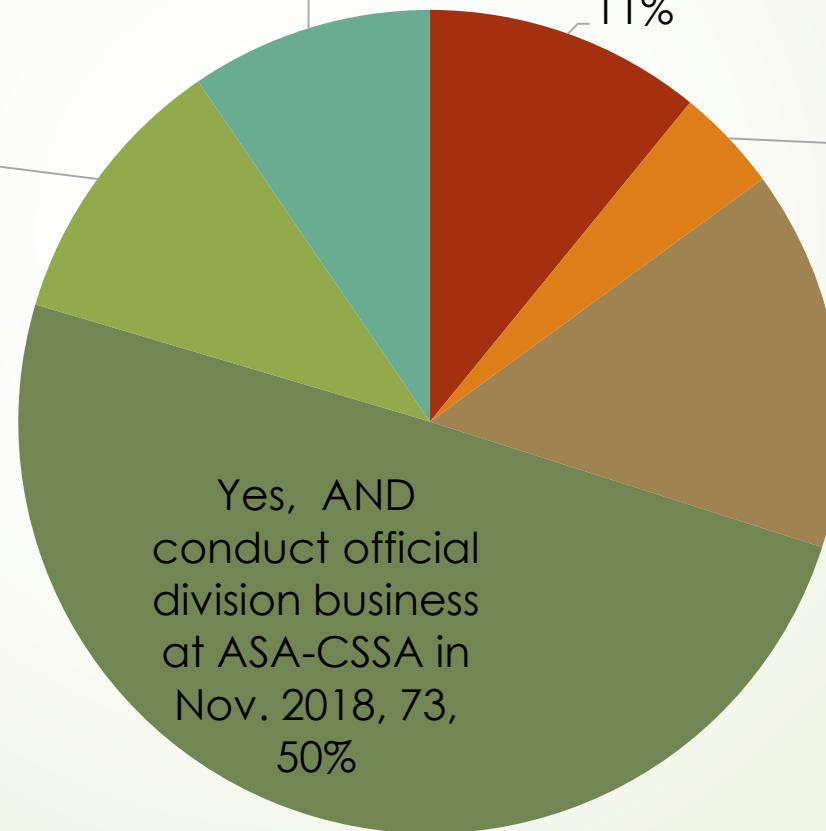
Yes, BUT conduct all...

No preference, 16,
11%

No, all Division
activities should be
conducted at SSSA
in Jan. 2019, 6, 4%

Yes, BUT conduct all
official business and
have some
symposia/papers at
SSSA as well, 16, 11%

We should re-survey
membership after
initial poll results of
attendance plans
become available.,
22, 15%

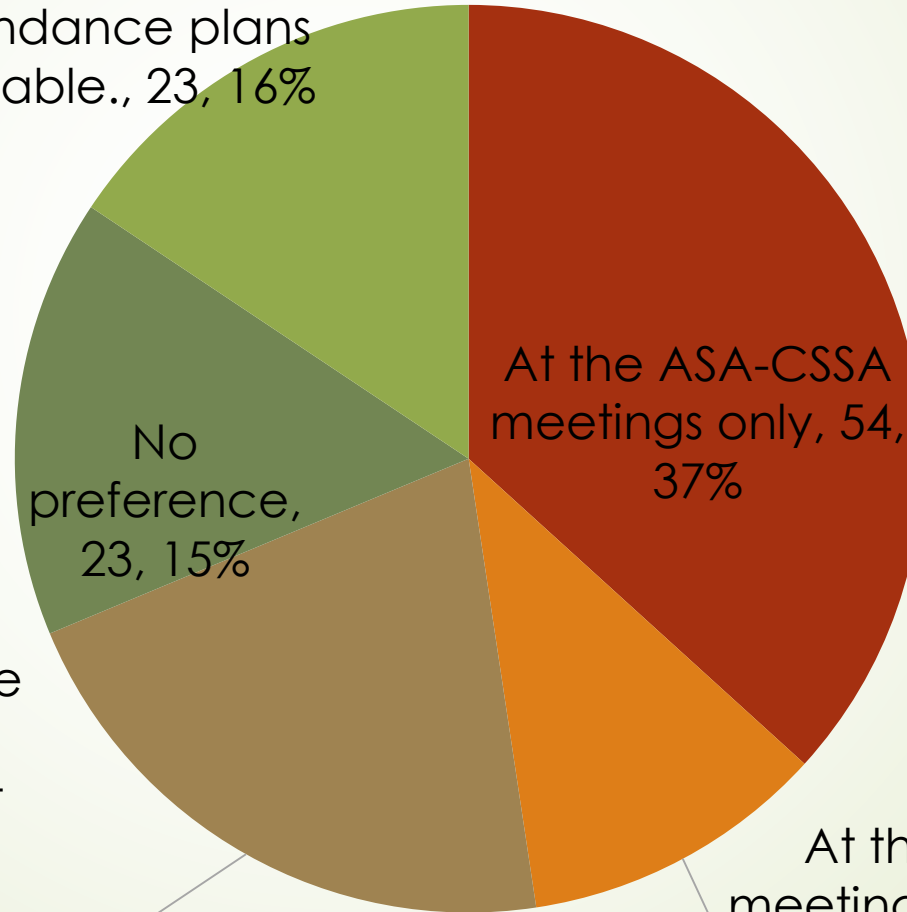


Yes, AND
conduct official
division business
at ASA-CSSA in
Nov. 2018, 73,
50%

What about student competition?

Always attend

Re-survey membership after initial poll results of attendance plans available., 23, 16%



Limited graduate student competitions at both SSSA and ASA-CSSA meetings, 31, 21%

At the SSSA meetings only, 16, 11%

What should we do with Walsh Lecture?

Always attend

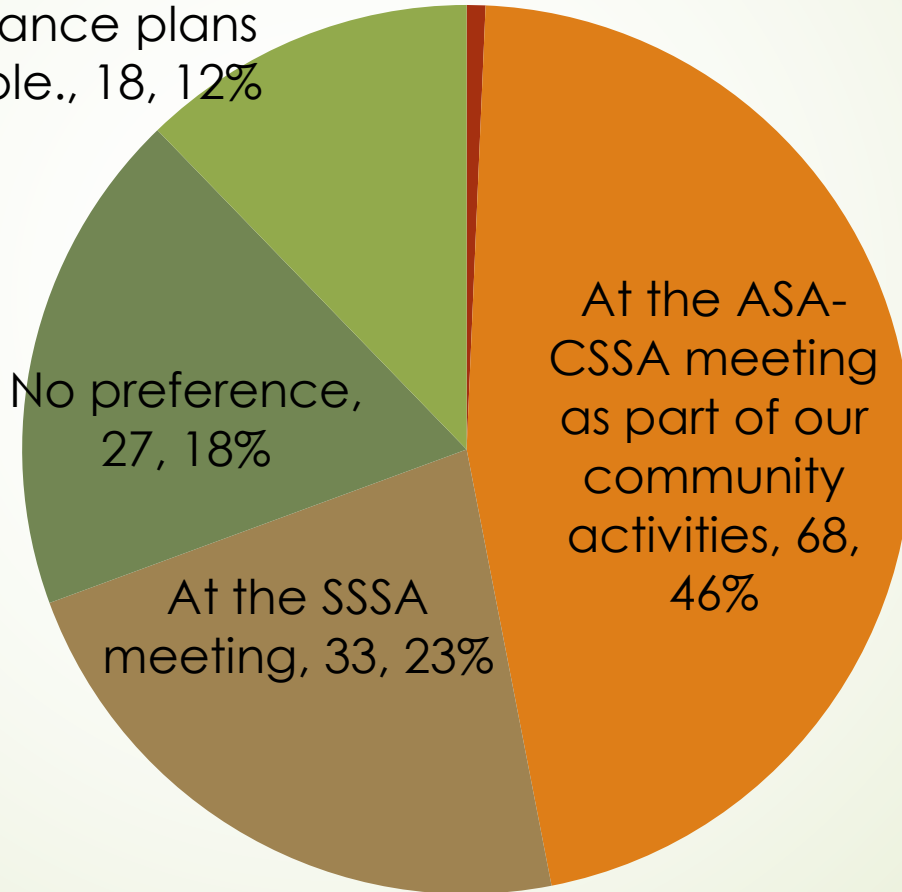
Re-survey membership after initial poll results of attendance plans available., 18, 12%

Ask Dr. Walsh., 1, 1%

No preference, 27, 18%

At the SSSA meeting, 33, 23%

At the ASA-CSSA meeting as part of our community activities, 68, 46%



Survey Summary (147 that “always” attend)

Question	Only SSSA	Both	Only ASA	Other	Other
Your attendance?	22%	13%	62%	3% neither	
Your student's attendance?	10%	3%	48%	2% neither	37% don't bring students
Student competition preference?	11%	21%	37%	15% no pref.	16% re-survey later
Leo Walsh lecture preference?	23%	---	46%	18% no pref.	12% re-survey later

Division chairs tentative plan for discussion

- Professional programs & session leadership at both ASA & SSSA meetings
 - At ASA: develop symposia and/or topical sessions to be presented as S-divisions
 - At SSSA: develop symposia and/or topical sessions “Agricultural soil fertility & management” in collaboration with other SSSA divisions & the other societies
- Business meetings at both ASA & SSSA meetings
- Leo Walsh Lecture at ASA meeting, & if funding available repeat at SSSA meeting
- Graduate student competition at ASA meeting, and if sufficient presentations, also at SSSA.

Election Nominations

Soil Fertility & Plant Analysis (S4)

- ▶ 1 Fabian Fernandez, Univ. MN
- ▶ 2 Upendra Singh, IFDC

Nutrient Management & Soil and Plant Analysis (S8)

- ▶ 1 Kelly Nelson, Univ. MO
- ▶ 2 Wade Thomason, VA Tech

Agricultural Soil & Food Systems Group Representatives to SSSA Board (from which division?)

- ▶ 1 Bobby Golden, Miss. St. Univ.
- ▶ 2

SSSA President

- ▶ 1 William Pan, Wash. St. Univ.

Nominations due on 11/30/16

**Contact: Carl Crozier
Greg Schwab
(or board reps or Sara Utrecht)**

Walsh Lecture & Reception

- Precision Agriculture for the Developed & Developing World– William R. Raun
 - 5:15 pm
 - Reception immediately after
 - Location:
 - Sponsored by Mosaic
- 2015 – William Pan
 - 2014 – Jim Schepers
 - 2013 – Paul Fixen
 - 2012 – Mark Alley
 - 2011 – David Kissel
 - 2010 – Arthur Johnston
 - 2009 – Dave Mengel, Bob Hoefl, and Gyles Randall
 - 2008 – Liping Yang
 - 2007 – Mike McLaughlin



Announcements





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THANK YOU!