

The American Society of Agronomy – California Chapter presents the 2020 California Plant and Science Conference, Tuesday and Wednesday, February 4–5, 2020, at the Double Tree by Hilton Hotel and Fresno Convention Center, 2233 Ventura Street, Fresno, CA 93721. Introduction and General Session begins at 9:30 am. in Salon B.

More information about the conference is available from the conference website (calasa.ucdavis.edu), including agenda, hotel information, and registration. The early-bird registration rate expires on January 29th, but the hotel conference rate is on a first-come, first-served basis. The conference offers PCA/pesticide applicators, CCA, and nutrient management continuing education credits.

Students may attend the conference at no cost by completing the document provided on the conference website.

For more information and to register, please visit:
http://calasa.ucdavis.edu/Conference_Registration/

For questions, please email CALASA President, Karen Lowell (Karen.Lowell@usda.gov). We hope to see you at this annual event!

2020 California Plant and Soil Conference Agenda

<http://calasa.ucdavis.edu>

February 4-5, 2020

DoubleTree by Hilton Hotel & Fresno Convention Center

2233 Ventura Street, Fresno, CA 93721

Tel: 559-268-1000

Tuesday, February 4	
General Session and Introduction by CA-ASA President, Karen Lowell	
9:30 A.M. – 11:45 A.M., Location: SALON B	
<i>What Do Cover Crops Have To Offer California Cropping Systems? Opportunities and Challenges</i>	
Chair: Karen Lowell 2.0 CEU	
9:30 – 9:45	Karen Lowell , USDA-NRCS, <i>Introductory remarks.</i>
9:45 – 10:25	Amelie Gaudin , UC-Davis, <i>Cover crops in almond systems: myths, benefits and potential tradeoffs.</i>
10:25 – 11:05	Richard Smith , UCCE, <i>Managing for Cover Crop Benefits in Coastal Vegetable Crops.</i>
11:05 – 11:45	Tim Bowles , UC-Berkeley, <i>Perceptions of cover cropping challenges and opportunities in California's complex socioeconomic and climate environment.</i>

LUNCH – 11:45 – 1:00 P.M. (SALON C)

Tuesday, February 4			
Concurrent Breakout Sessions: 1:25 P.M. – 3:00 P.M.			
SALON B		SALON D	
Session 1 – Cereal Crop Nitrogen Management Chair: Eric Ellison 1.5 CEU		Session 2 – Subsurface Drip Irrigation Chair: Khaled Bali, Dan Munk 1.5 CEU	
1:25	Introductory Remarks	1:25	Introductory Remarks
1:30	Bob Hutmacher , UC-Davis, <i>Forage sorghum and corn responses to nitrogen and SDI irrigation rates.</i>	1:30	Dan Putnam , UC-Davis, <i>Subsurface drip irrigation on alfalfa.</i>
2:00	Bruce Linqvist , UC-Davis, <i>Use of remote sensing to determine mid-season nitrogen needs in rice systems.</i>	2:00	Dominic Rossini , Netafim, <i>Lagoon water application via subsurface drip irrigation systems.</i>
2:30	Mark Lundy , UC-Davis, <i>Measuring and managing nitrogen to optimize efficiency in California small grains.</i>	2:30	Aliasghar Montazar , UCCE, <i>Subsurface drip irrigation for</i>

3:00 – 3:25 p.m. COFFEE BREAK

Tuesday, February 4			
Concurrent Breakout Sessions: 3:25 P.M. – 5:00 P.M.			
SALON B		SALON D	
Session 3 – Soil Amendments Chairs: Michelle Leinfelder-Miles, Mae Culumber 1.5 CEU		Session 4 – Water Quality Regulatory Updates Chair: Mark Cady 1.5 CEU	
3:25	Introductory Remarks	3:25	Introductory Remarks
3:30	Sanjai Parikh , UC-Davis, <i>Evaluating biochar use in agriculture.</i>	3:30	Charlotte Gallock , Kings River Water Quality Coalition, <i>CV SALTS: Kings River East Management Zone pilot study.</i>
4:00	Brent Holtz , UCCE, <i>Whole orchard recycling increases soil organic matter and second generation almond tree growth and yield.</i>	4:00	Elaine Sahl , CCRWQCB, <i>Central Coast Agricultural Order 4.0 development.</i>
4:30	Bob Hutmacher , UC-Davis, <i>Gypsum and sulfur – dealing with infiltration or salinity/sodicity issues.</i>	4:30	Till Angerman , Luhdorff & Scalmanin, <i>Central Valley dairy representative monitoring program.</i>

**5:00 p.m. POSTER SESSION AND EVENING SOCIAL (beverages and hors d'oeuvres served)
SALON A**

Wednesday, February 5			
Concurrent Breakout Sessions: 8:25 A.M. – 10:00 A.M.			
SALON B		SALON D	
Session 5 – Best Management Practices for Controlling Pesticides in Agriculture Runoff Chair: Michael Cahn 1.5 CEU		Session 6 – Plant Breeding Chair: Jeff Dahlberg 1.5 CEU	
8:25	Introductory remarks	8:25	Introductory remarks
8:30	Anson Main , CDPR. <i>DPR surface water protection program: an overview of agricultural monitoring throughout California.</i>	8:30	Lam Bao Huynh , UC-Riverside, <i>California cowpea blackeye-grain and cover-crop improvement program.</i>
9:00	Bryn Phillips , UC Davis. <i>Integrated approaches to mitigating pesticides in agricultural runoff.</i>	9:00	Thomas Gradziel , UC-Davis, <i>Clonal crop breeding: limitations and opportunities.</i>
9:30	Parry Klassen , CURES. <i>Outreach on pesticide BMPs for irrigators and spray applicator operators.</i>	9:30	Roger Chetelat , UC-Davis, <i>Accessing crop wild relatives: interspecific incompatibility mechanisms and introgression line breeding in tomato.</i>

10:00 – 10:25 p.m. COFFEE BREAK

Wednesday, February 5			
Concurrent Breakout Sessions: 10:25 A.M. – 12:00 P.M.			
SALON B		SALON D	
Session 7 – Pest Management Chair: Nick Clark 1.5 CEU		Session 8 – Organic Production Chair: Ehsan Toosi, Daniel Geisler 1.5 CEU	
10:25	Introductory remarks	10:25	Introductory remarks
10:30	Greg Douhan , UCCE, <i>Monitoring and quarantine of HLB and BMP's for control of ACP in CA.</i>	10:30	Gina Colfer , Wilbur-Ellis Company, <i>Pest management and N management in organic systems.</i>
11:00	Ian Grettenberger , UC Davis, <i>Current status and mitigation of insecticide resistance of alfalfa weevil.</i>	11:00	Margaret Lloyd , UCCE, <i>Nitrogen management in organic systems.</i>
11:30	Ruth Dahlquist-Willard , UCCE, <i>Pest management challenges in diversified specialty crop rotations.</i>	11:30	Ehsan Toosi , True Organic Products, <i>Soil health in organic systems, a field-based example.</i>

12:00 – 1:45 P.M. CA-ASA BUSINESS MEETING AND AWARDS LUNCHEON

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Field Crop & Nutrient Notes

January 2020

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