

Renewing Soil restoring Life



AGENDA

3rd Annual Meeting

August 1-3, 2018

Hyatt Regency

Albuquerque, New Mexico USA



SOIL HEALTH
— INSTITUTE —

UNIFY ■ RESTORE ■ PROTECT

AGENDA

WEDNESDAY, AUGUST 1

- 5:00-7:00 pm REGISTRATION
- 6:00-7:00 pm RECEPTION
Poster Session
- 7:00-8:00 pm NIGHT AT THE MOVIES
Unveiling the "Living Soil" Documentary

THURSDAY, AUGUST 2

- 7:00-7:45 am BREAKFAST

PLENARY SESSIONS

- 8:00-8:20 am WELCOME
Dr. Wayne Honeycutt, Soil Health Institute
Mr. Bill Buckner, Noble Research Institute

■ ECONOMICS

Session: *The Farm Road to Environmental Markets and Corporate Sustainability is 'Paved' with Healthy Soil*
Moderator: Ms. Carolyn Baltz

- 8:20-8:30 am *Unlocking Connectivity in Agricultural Supply Chains*
Ms. Carolyn Baltz, The Sustainability Consortium

- 8:35-8:50 am *Advancing Ecosystem Service Markets for Farmer and Public Benefits*
Mr. Bill Buckner, Noble Research Institute

- 8:55-9:10 am *The Foundation of Great Food*
Mr. Jerry Lynch, General Mills

- 9:15-9:30 am *Farmer Focused and Farmer Driven: The Land O' Lakes SUSTAIN Program*
Mr. Jason Weller, Land O' Lakes

- 9:35-9:50 am EMAIL BREAK

■ RESEARCH

Session: *Advances in Soil Health Research*
Moderator: Dr. Veronica Acosta-Martinez

- 9:50-10:00 am *Changes in Soil Health in a Semiarid Region Transitioning to Dryland Cropping Systems*
Dr. Veronica Acosta-Martinez, USDA-ARS

- 10:05-10:20 am *Microbial Physiology Regulates How Much Crop Residue Becomes Soil Organic Matter*
Dr. Stuart Grandy, University of New Hampshire

- 10:25-10:40 am *Teaching Machines to Read the Soil Health Literature*
Dr. Dane Bell, University of Arizona

■ POLICY

Session: *Policies in Action*
Moderator: Mr. Sean McMahon

AGENDA

- 10:45-10:55 am *Turning Soil Health into \$oil Wealth: Policy and Economics*
Mr. Sean McMahon, Iowa Agriculture Water Alliance
- 11:00-11:15 am *Farm Bill Update from Washington, DC: Conservation Opportunities and Challenges in 2018 and Beyond*
Ms. Alyssa Charney, National Sustainable Agriculture Coalition
- 11:20-11:35 am *State Policies and Programs for Advancing Soil Health*
Ms. Jamie Fanous, Tufts University
- 11:40-11:55 am **NETWORKING BREAK**
- 12:00-1:15 pm **LUNCH**
Our Soil, Ourselves: The Links Between Soil and Human Health
Daphne Miller, M.D., University of California-San Francisco
- 1:15-1:30 pm **EMAIL BREAK**
- **MEASUREMENT, STANDARDS, and ASSESSMENT**
Session: *Assessing and Expanding Adoption of Soil Health Systems*
Moderator: *Dr. LaKisha Odom*
- 1:30-1:40 pm *Importance of Public-Private Partnerships in Achieving Healthy Soils and Thriving Farms: FFAR's Perspective on the Role of Collaborative Science*
Dr. LaKisha Odom, Foundation for Food & Agriculture Research
- 1:45-2:00 pm *Strategic Approach for Evaluating Soil Health Indicators*
Dr. Steven Shafer, Soil Health Institute
- 2:05-2:20 pm *Scaling Soil Health Research and Farmer Engagement*
Dr. Nick Goeser, NCGA Soil Health Partnership
- 2:25-2:40 pm *Engaging Farmers and Landowner Advisers on Soil Health*
Ms. Pipa Elias, The Nature Conservancy
- 2:45-3:00 pm **EMAIL BREAK**
- **COMMUNICATIONS and EDUCATION**
Panel Session: *Enhancing the Research-Farmer Connection*
Panel Moderator: Dr. Rob Myers
- 3:05-3:15 pm *Lessons Learned from 30 Years of SARE Farmer-Researcher Projects*
Dr. Rob Myers, USDA-SARE
- 3:15-3:25 pm *The Quest for Understanding Soil Health*
Mr. Jimmy Emmons, Farmer, Oklahoma
- 3:25-3:35 pm *The Science of Soil Health: Progress on the Path from Research to Implementation*
Dr. Bianca Moebius-Clune, USDA-NRCS
- 3:35-3:45 pm *Communicating 4R to Farmers and Connecting on Content*
Ms. Lara Moody, The Fertilizer Institute
- 3:45-3:55 pm *Relaying Usable Research Results to Farmers*
Dr. Diana Jerkins, Organic Farming and Research Foundation
- 3:55-5:00 pm Panel Discussion

- 5:00-6:00 pm *A Tribute to Vineyard Soils*
- 6:00-7:30 pm **DINNER**
The Roots of Food: Exploring the World of Agriculture
 Jim Richardson, Photojournalist, National Geographic Society

FRIDAY, AUGUST 3

- 7:00-7:45 am BREAKFAST
- 8:00-10:30 am **CALL TO ACTION – New and Renewed Action Teams**
 Dr. Wayne Honeycutt, Soil Health Institute
- ACTION TEAM WORKING SESSIONS**
- Research
 - Measurement, Standards, and Assessment
 - Economics
 - Communications and Education
 - Policy
- 10:30-10:45 am **EMAIL BREAK**
- 10:45-12:00 am **ACTION TEAM PLANS**
 Moderator: Mr. Sheldon Jones, Soil Health Institute
- Research
 - Measurement, Standards, and Assessment
 - Economics
 - Communications and Education
 - Policy
- 12:00 Noon **CLOSING**
 Dr. Wayne Honeycutt, Soil Health Institute

BE PART OF CHANGE IN RESEARCH:

Train the Annotaurus!

(and get a free lunch if you are one of the first 50 people to sign up)

The Soil Health Institute (SHI) has a priority to make rapid additions to the online collection of articles and reports that researchers can access with the Soil Health Research Landscape tool. SHI has collaborated with lum.ai to develop the Annotaurus, a tool that takes advantage of machine learning to assign key words to scientific articles. But it needs to be “trained” on what to look for.

Join Dane Bell from lum.ai and Steve Shafer from SHI to meet the Annotaurus and help train it.

How to participate in this 2-hour session:

1. Sign up for “Train the Annotaurus” at the Registration Desk. The first 50 people to sign up will participate.
2. Come to the session (room location to be announced) immediately after the SHI Annual Meeting concludes on Friday. BRING YOUR LAPTOP.
3. Eat the free lunch.
4. Meet the Annotaurus and learn what it does.
5. Help train it to identify and assign keywords so online soil research becomes much better and a whole lot faster.