AGENDA
5th Annual Meeting
July 30-31, 2020
A Virtual Meeting
Overview of the Event
July 30 – July 31

Video Poster Session
10:00 a.m. to 12:00 (Noon) p.m. (Eastern Time) (Both Days)
During the Video Poster Session on July 31, many Poster authors will be available to discuss their research.

Plenary Sessions
12:30 p.m. to 5:00 - 5:10 p.m. (Eastern Time) (Both Days)

Thursday, July 30
Time (ET)
10:00-12:00 ■ VIDEO POSTER SESSIONS

12:15-12:30 Log-In

PLENARY SESSIONS

12:30-12:45 WELCOME
Dr. Wayne Honeycutt, Soil Health Institute

12:45-12:55
Mr. Jason Weller, Truterra, LLC
Chairman of the Board, Soil Health Institute

12:55-1:15 KEYNOTE
Advancing Regenerative Agriculture/Soil Health at General Mills
Mr. Jay Watson, General Mills

1:15-1:25 Comprehensive Strategy for Advancing Soil Health
Dr. Wayne Honeycutt, Soil Health Institute

1:25-1:35 BREAK
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>1:35-1:45</td>
<td><strong>Session: Determining Effective Measurements of Soil Health</strong></td>
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<td>Session Introduction: Dr. LaKisha Odom, Foundation for Food and Agriculture Research</td>
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<td>1:45-2:05</td>
<td><strong>North American Project to Evaluate Soil Health Measurements</strong></td>
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<td>Moderator: Dr. Cristine Morgan, Soil Health Institute</td>
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<td>2:05-2:25</td>
<td><strong>Management Indices that Reflect Foundational Soil Health Practices</strong></td>
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<td>Dr. Michael Cope, Soil Health Institute</td>
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<td>2:25-2:45</td>
<td><strong>The Soil Health Institute’s Flexible Framework to Quantify the Functions of Soil: An Example with Nitrogen Cycling</strong></td>
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<td>Dr. Shannon Cappellazzi, Soil Health Institute</td>
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<td>2:45-2:55</td>
<td>BREAK</td>
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<td>2:55-3:15</td>
<td><strong>Effects of Soil Health Management Practices on Soil Carbon Dynamics</strong></td>
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<td>Dr. Daniel Liptzin, Soil Health Institute</td>
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<td>3:15-3:35</td>
<td><strong>Selecting for Microbial Life Strategies in Agricultural Soils Under Soil Health Promoting Practices</strong></td>
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<td>Dr. Liz Rieke, Soil Health Institute</td>
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<td>3:35-3:55</td>
<td><strong>Evaluating a Biological Measurement of Soil Health in Agricultural Ecosystems Across North America</strong></td>
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<td>Dr. Charlotte Norris, Natural Resources Canada</td>
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<td>3:55-4:05</td>
<td>BREAK</td>
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<td>4:05-4:25</td>
<td><strong>Aggregate Stability as an Indicator of Soil Health for North American Soils</strong></td>
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<td>Dr. Kelsey Greub, Soil Health Institute</td>
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<td>4:25-4:45</td>
<td><strong>Effects of Soil Health Practices on Soil Water Characteristics</strong></td>
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<td>Dr. Gregory “Mac” Bean, Soil Health Institute</td>
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AGENDA

4:45-5:05  
Soil Health System Impacts on GHG Emissions  
Dr. Paul Tracy, Soil Health Institute

5:05-5:10  
CLOSE FOR THE DAY  
Dr. Wayne Honeycutt, Soil Health Institute

Friday, July 31

Time (ET)

10:00-12:00  
■ VIDEO POSTER SESSIONS  
(with Authors Present)

12:15-12:30  
Log-In

12:30-12:35  
WELCOME  
Dr. Wayne Honeycutt, Soil Health Institute

12:35-12:45  
Session: Soil Health Policies and Programs in Action  
Moderator: Ms. Pipa Elias, The Nature Conservancy

12:45-1:05  
Federal and State Level Soil Health Legislation  
Ms. Katie Harrigan, Tufts University

1:05-1:25  
Improving Soil Health and Water Quality through the Conservation Infrastructure Initiative  
Mr. Sean McMahon, Iowa Agriculture Water Alliance

1:25-1:35  
BREAK
AGENDA

■ BUSINESS CASE

1:35-1:45  
**Session: Filling the Economics Gap for Farmers**  
Moderator: Mr. Ryan Sirolli, Cargill

1:45-2:05  
**Identifying Costs and Benefits of Soil Health Management Systems**  
Dr. Archie Flanders, Soil Health Institute

2:05-2:25  
**Quantifying Economic Outcomes through Case Studies of Eight “Soil Health Successful Farmers”**  
Dr. Michelle Perez, American Farmland Trust

2:25-2:55  
**Panel: Farmers’ Experience**  
Moderator: Dr. John Shanahan, Soil Health Institute  
Lisa Lunz, Nebraska  
Matt Griggs, Tennessee  
Mark Jackson, Iowa

2:55-3:05  
BREAK

■ FARMER EDUCATION

3:05-3:15  
**Session: Dimensions of Adoption**  
Moderator: Dr. Cristine Morgan, Soil Health Institute

3:15-3:35  
**What Soil Health Means to a Producer and Why They Should Care**  
Dr. Jerry Hatfield, USDA-ARS (retired)

3:35-3:55  
**A New Tool for Farmers to Build Drought Resilience through Soil Health**  
Dr. Dianna Bagnall, Soil Health Institute

3:55-4:15  
**Soil Health Education Programs of the USDA-NRCS**  
Dr. Bianca Moebius-Clune, USDA-NRCS

4:15-4:35  
**The Soil Health Partnership: Partnering for Soil Health**  
Mr. John Mesko, Soil Health Partnership
AGENDA

4:35-4:55

Healthy Soils for Sustainable Cotton Program
Mr. David Lamm, Soil Health Institute

4:55-5:00

CLOSING
Dr. Wayne Honeycutt, Soil Health Institute

About the Soil Health Institute

The Soil Health Institute (www.soilhealthinstitute.org) is a non-profit whose mission is to safeguard and enhance the vitality and productivity of soil through scientific research and advancement. The Institute works with its many stakeholders to identify gaps in research and adoption; develop strategies, networks and funding to address those gaps; and ensure beneficial impact of those investments to agriculture, the environment and society.