

Program Team: **Agronomy**

Present

Abdel Moneim, Ali Montazar, Anthony Fulford, Bruce Linqvist, Cameron Pittelkow, Daniel H. Putnam, Daniel J Geisseler, Deanne Meyer, Dinh Giang, Dong Wang, Gale Perez, Giuliano Carneiro Galdi, Ian Grettenberger, Jason Kelley, Jeannette Warnert, Jeffery Dahlberg, Jessie Kanter, José Luiz Carvalho de Souza Dias, Joy Hollingsworth, Katherine Lynn Swanson, Khaled Bali, Konrad Mathesius, Kosana Suvocarev, Linda Forbes, Luis Espino, Mallika Arudi Nocco, Mark Bell, Mark Lundy, Michelle Leinfelder-Miles, Nicholas Clark, Oli Bachie, Pam Kan-Rice, Peggy Lemaux, Rachael Long, Rob Wilson, Robert Hutmacher, Sarah Light, Sonja Brodt, Steve Kaffka, Sultan Begna, Taylor Suzanne Nelsen, Tom Getts, Umair Gull, Whitney Brim-DeForest

Meeting objectives

1. Update PT on progress of statewide collaborative agronomy needs assessment project
2. Share PT communication processes for internal review of written extension material which is subsequently communicated to clientele served by PT members' efforts across EIPD, SFS, and WQQS SI's
3. PT members will network to learn from each other and elevate general PT-wide knowledge about best practices for virtual extension methods
4. PT members will share program progress and network with colleagues to identify opportunities to improve research and extension impacts as well as opportunities for collaboration

Primary meeting outcomes

1. Attendees are more informed on ANRs web integration efforts and what they are doing to communicate our story. Had a brief discussion Mark Bell.
2. Skills shared for improving virtual extension delivery
 - a. Tom Getts, Nick Clark, Mark Lundy, Taylor Nelson, Kellie McFarland
3. Introduced new members and academics and provided PT networking.
 - a. José Luiz Carvalho de Souza Dias, Giuliano Galdi, Kosana Suvocarev, Mallika Nocco
4. Presentations of newly developed Agronomy fact sheet production and review processes
 - a. Bruce Linqvist, Luis Espino, Konrad Mathesius, Whitney Brim-DeForest
5. Individual program updates provided information on various agronomy research and extension efforts across the state.
 - a. Rachael Long (IPM in alfalfa), Ali Montazar (alfalfa irrigation management), Tom Getts (weed mgmt. work in alfalfa), Dan Putnam (alfalfa salinity research), Khaled Bali (groundwater recharge in alfalfa), Ian Grettenberger (alfalfa and cotton insect pest research), Bob Hutmacher (cotton research activities and future efforts), Konrad Mathesius (class-A biosolids as fertilizer source in wheat), Oli Bachie (low desert agronomy research trials update), Steve Kaffka (alternative winter crops in SJV dairy systems), Nick Clark (dairy manure nutrient mgmt.), Mark Lundy (N mgmt. in small grains), Sarah Light (cover crops in agronomic cropping systems)
6. Updated PT on progress of Agronomy Statewide Needs Assessment. Participation has been adequate. Seeking new participation for next phase of interpreting data for practical use in guiding program efforts.
 - a. Jessie Kanter, Cameron Pittelkow

7. Interaction on the strengths, weaknesses, opportunities, and threats (SWOT) related to using webinars and other virtual extension methods. Coupled with training on virtual extension “quick-skill” methodologies for improving communication and learning outcomes.

Next steps

1. Agronomy PT is continuing to focus efforts on statewide, collaborative needs assessment for agronomic crops clientele
2. PT Co-Chairs, Mark Lundy and Nick Clark, are following up with members to provide an archive of meeting and supplemental material, including post-meeting evaluation survey results, to members.
3. PT Co-Chairs will follow-up with Work Group chairs to share evaluation data which suggests some preference for more detailed commodity- and discipline-based discussion which may require near future Work Group meetings

How the PT activities contribute to the larger SI picture (See table for reference).

This meeting contributed to improving our outreach in the area of Sustainable Food Systems. It also helped foster potential collaboration among our group.

We see the major contribution of the PT to these Focal areas

Sustainable Production; Water Quality and Quantity; Climate Change Mitigation

And these Grand Challenges

Sustainable Production: COVID safety; Labor scarcity; Dealing with regulatory requirements; Water - quantity and quality; Farm Prices; Climate change; Emerging pests