



HEALTHY SOILS PROGRAM WORKSHOP

Thursday, March 12th 2020

9AM - 4PM

AGENDA:

9:00 – 9:05AM	Jan Gonzales for Esther Mosase (UCCE San Diego) Introductory Remarks
9:05 – 9:25AM	Amber Pairis & Lindsey Jasperse (Climate Science Alliance) <i>Building Climate Resilience with Southern California Agriculture</i>
9:25 – 9:45AM	Mary Matava (Agri Service) <i>Building Healthy Soils</i>
9:45 – 10:30AM	Kristen Salgado for Esther Mosase (UCCE San Diego) Healthy Soils Program: Incentives and Demonstration Project Grants
10:30– 11:00AM	BREAK
11:00 – 12:00AM	Margaret Smither-Kopperl (NRCS) <i>Cover Crop Considerations for California</i>
12:00 – 1:00AM	LUNCH
1:00 – 1:30AM	Milt McGiffen (UCR) <i>Yardwaste mulch for orchards</i>
1:30 – 2:00PM	Lance Anderson (Mission RCD) <i>Soil Characteristics Impacts on Irrigation Management</i>
2:00 – 2:30PM	Martina Skjellerudsveen (Greater San Diego RCD) <i>Carbon farm planning and implementation in San Diego County</i>
2:30 – 3:00PM	Ellee Igoe (Solidarity Farms) <i>Healthy Soils Experiences: A Grower's Perspective</i>
3:00 – 3:15PM	Small groups breakout/ Interaction with the speakers
3:15 – 3:50PM	Esther Mosase (UCCE San Diego) <i>Help with online grant application</i>
3:50 – 4:00PM	Jan Gonzales for Esther Mosase (UCCE San Diego) <i>Closing Remarks</i>

SPEAKER'S BIOS



DR. MARGARET SMITHER-KOPPERL

Dr. Margaret Smither-Kopperl is Manager of the 106 acre, USDA-NRCS Lockeford Plant Materials Center (CAPMC) in Lockeford CA, which serves the Mediterranean Climate Area of California. Initially from a farming background in southern England, she has degrees in botany from London University and a Ph.D. from Michigan State University. The facility of the CAPMC carries out studies in support of NRCS conservation goals and in recent years has focused on cover crops, including adaptation of species and cultivars to different areas, management considerations within different cropping systems and effects on soil health.



DR. MILT MCGIFFEN

Milt grew up in the forests and farms of western Pennsylvania. He earned his BS at Penn State, MS at North Carolina State, and PhD at the Illinois. After working at the USDA's North Central Soil Conservation Research Lab he joined the Botany and Plant Sciences Department at UCR in 1992 as a Cooperative Extension Vegetable Crops Specialist. He does applied research and outreach on organic agriculture, weed science, and soil health.



DR. AMBER PAIRIS

Dr. Amber Pairis is the Director of the Climate Science Alliance-South Coast covering southern California and Baja. Her current work focuses on building a science focused network of leaders, scientists, and managers focused on sharing ecosystem-based resiliency approaches to safeguard our communities and natural resources from climate change. Pairis leads several initiatives related to innovative community engagement including Climate Kids and the role of art and artists in building community engagement on climate change. In 2013 Pairis was appointed by Governor Brown as the Assistant Secretary for Climate Change-California Natural Resources Agency and worked collaboratively to coordinate the State's activities related to climate change adaptation. Preceding the appointment, Pairis served as the Climate Change Advisor for the California Department of Fish and Wildlife for five years and created the Department's Climate Science Program and CDFW Climate College. In 2006 Pairis worked for the Association of Fish and Wildlife Agencies, Washington D.C. where she was the Science Liaison coordinating between the states and federal natural resource agencies on energy and climate change. Pairis is a scientist by training and completed her Ph.D. in Environmental Studies at Antioch University New England. Pairis is a fellow of the Robert and Patricia Switzer Foundation.



LINDSEY JASPERSE

Lindsey Jasperse is Science Program Manager at the Climate Science Alliance. Lindsey received her master's degree in Climate Science and Policy from the Scripps Institution of Oceanography (SIO), focusing her graduate career on the interface between climate science, agriculture, and natural resources. In her previous work at the Center of Western Weather and Water Extremes (CW3E) at SIO, she participated in seasonal monitoring of extreme precipitation events to advance understanding of their impacts for landscapes across the southwest. As Science Program Manager, Lindsey supports the Alliance's science-based programs and collaborative partnerships, including projects focused on agriculture and natural resources.

SPEAKER'S BIOS



MARY MATAVA

Mary Matava is an agronomist and the owner of Agri Service, which operates compost facilities in Southern California. With more than 35 years of experience assessing the agronomic suitability of Southern California soils and over 20 years of experience recycling organics, Mary is a leading expert in soil assessment, sustainable soil amendment practices, greenwaste recycling, and facility management. To date Agri Service has processed over 1 million tons of greenwaste and continues to advocate for improving Zero-Waste practices.



LANCE ANDERSON

Lance directs the Agricultural program for Mission RCD, assisting growers through irrigation evaluations and educating them about Best Management Practices for growing crops in San Diego County. He is responsible for keeping pace with regulations affecting San Diego Ag to be a resource of information on these issues for farmers in San Diego County. Lance is a Certified Agricultural Irrigation Specialist, and Certified Irrigation Designer, through the Irrigation Association. Which means he is an expert in running water uphill in San Diego County. He grew up in an Avocado grove in Escondido and spent 10 years farming in the Central Valley; growing grapes, blueberries, peaches and plums. Lance frequently speaks at seminars hosted by UC Cooperative Extension and Industry grower groups. Currently Lance is providing technical assistance to area growers as they develop plans to address resource concerns on their farms.



MARTINA SKJELLERUDSVEEN

Martina Skjellerudsveen is the Agricultural Outreach Specialist at the Resource Conservation District of Greater San Diego County. She has a Master's degree from Denmark in Agro-Environmental Management. She wrote one of the first Carbon Farm Plans in the County and has experience with the implementation of Carbon Farming Practices using the CDFA Healthy Soils Program. She is currently working with both farmers and ranchers to promote the use of practices that increase soil organic matter.



ELLEE IGOE

Ellee Igoe is the co-owner of Solidarity Farm in Pauma Valley, a 10-acre diversified fruit and vegetable operation and education center. In 2017, she co-launched the Carbon Sink Demonstration Farm in collaboration with the Pauma Band of Luiseno Indians to explore the intersection of indigenous knowledge and regenerative agriculture and to develop local strategies that build resilience to climate change on farms and within our local food system.