

## DRAFT SCHEDULE - NORTH AMERICAN AGROFORESTRY CONFERENCE – Updated 06/3/19

If you have any questions about the program, please contact Kate MacFarland at [katherine.macfarland@usda.gov](mailto:katherine.macfarland@usda.gov)

### MONDAY, JUNE 24

12:00-4:00pm	Pre-Conference Field Tour (optional, separate registration required)	
4:00-6:30pm	Registration Open	Richardson Hall
5:00-6:30pm	Welcome Reception	Richardson Hall
6:30pm	Dinner on Your Own	

### TUESDAY, JUNE 25

7:00-9:00am	Breakfast on Your Own and Registration	
8:00am	Vans Depart for Tour 1	Hilton Garden Inn
9:00am	Vans Depart for Tour 2	Hilton Garden Inn
12:00pm	Boxed Lunch	
5:00pm	Reception and Dinner at Tyee Winery	Tyee Winery

### WEDNESDAY, JUNE 26

7:30-8:30am	Breakfast and Registration	CH2M Hill Alumni Center
8:30-8:45am	<b>Welcome</b> Anthony Davis. <i>Interim Dean, College of Forestry</i> Badege Bishaw. <i>AFTA Conference Chair</i>	Cascade Ballroom
8:45-9:30am	<b>Keynote</b>	Cascade Ballroom
9:30-9:45am	<b>Coffee Break</b>	
9:45-10:45am	<b>Concurrent Session 1</b>	
<b>Track</b>	<b>Speaker 1 – 9:45-10:05</b>	<b>Speaker 2 – 10:05-10:25</b>
		<b>Speaker 3 – 10:25-10:45</b>
		<b>Room</b>

<i>Accessing Resources, Accessing Markets, and Managing Risk</i>	Panel Discussion Title: USDA Resources for Implementation Lauren Cartwright, Heather Tritt, Donna Sprenkle, Susan Stein, and Timothy O'Connell, moderated by Matthew Smith			Room A
<i>Advances in Technology Applications</i>	Roundtable Discussion Title: Bio-Regional Agroforestry Suitability Analysis: Using GIS to assess, inventory, and locate the appropriate implementation of tree crops and agroforestry systems. Russell Wallack			Room B
<i>Environmental Benefits</i>	Panel Discussion Title: Supporting Pacific Northwest Agriculture with Beneficial Insects and Agroforestry Mace Vaughan, Gary Bentrup, Bart Lawrence			Room C
<i>Specialty Forest Products</i>	Facilitated Discussion Title: The future of forest farming: What is it and who will do it? Eric Burkhart and John Munsell			Room D
<i>Climate Change</i>	Panel Discussion* Title: Evidence based Agroforestry Approaches for Enhancing Climate Smart Agricultural Production and Resilient Ecosystems Kiros Hadgu, Badege Bishaw, Miyuki Iiyama			Room E
<i>Adoption, Implementation, and Evaluation</i>	Speaker: Mick O'Neill Title: New Agroforestry Working Group in the American Southwest	Speaker: Jono Neiger Title: Chestnut Agroforestry in New England: Regional Initiative, Case Studies, and Gap Analysis	Speaker: Tom Sauer Possibilities: The map that guided the audacious 1930's Prairie States Forestry Project	Room F
<b>10:45–11:00am</b>	<b>Break</b>			

<b>11:00am–12:00pm</b>	<b>Concurrent Session 2</b>			
<b>Track</b>	<b>Speaker 1 – 11:00-11:20</b>	<b>Speaker 2 – 11:20-11:40</b>	<b>Speaker 3 – 11:40-12:00</b>	<b>Room</b>
<i>Accessing Resources, Accessing Markets, and Managing Risk</i>	Speaker: Sophie Mendelson Title: Leveraging terroir in North American agroforestry foodways	Speaker: Dean Current Title: Energy Bars, Beer and Super Foods: A method for, and case of, exploring markets for a non-timber forest product	Speaker: Lila Karki Title: Woodland Grazing for Minimizing the Costs of Raising Small Ruminants in the Southeast	Room A

<i>Advances in Technology Applications</i>	Speaker: Todd Kellerman Title: Mapping tree resources in the Great Plains using high-resolution imagery	Speaker: Phillip Ray Owens Title: Digital soil mapping to predict management zones for forage and tree production	Speaker: Maria Rosa Mosquera Losada Title: Recommendations for policy makers in light of climate change	Room B
<i>Environmental Benefits</i>	Speaker: Colin Mitchell Title: Agroforestry Pathways to Enhanced Ecosystem Services & Producer Payments for a Healthier Environment	Speaker: Maayan Kreitzman Title: Environmental and Food Production Outcomes of Woody Perennial Polycultures in the US Midwest	Speaker: Laura Poppy Title: Field Boundary Habitats - Their Role in the Health & Productivity of the Agro-Ecosystem	Room C
<i>Specialty Forest Products</i>	Panel Discussion Title: What do we know about specialty forest products? Lessons from the Assessment of nontimber forest products in the United States under Changing Conditions Toral Patel-Weynand, Susan Alexander, Frank Lake, and Gregory Ormsby Mori moderated by Marla Emery			Room D
<i>Climate Change</i>	Demonstration Title: FoodPlaces: A platform for creating productive landscapes in public and civic spaces Mario Yanez			Room E
<i>Adoption, Implementation, and Evaluation</i>	Speaker: Adam Beck Title: Projecting agroforestry nutrient trading in Virginia, U.S.A. using landowner surveys and BayFAST models	Speaker: Kate MacFarland Title: Multi-party arrangements: innovative land and capital partnerships for agroforestry	Speaker: Sarah Taylor Lovell Title: A Landscape Level Perspective for Agroforestry Planning	Room F
<b>12:00–1:15pm</b>	<b>Lunch</b>			
<b>1:15pm–2:15pm</b>	<b>Concurrent Session 3</b>			
<b>Track</b>	<b>Speaker 1 – 1:15-1:35</b>	<b>Speaker 2 – 1:35-1:55</b>	<b>Speaker 3 – 1:55-2:15</b>	<b>Room</b>
<i>Accessing Resources, Accessing Markets, and Managing Risk</i>	Panel Discussion Title: USDA Resources for Agroforestry Research Kate MacFarland, Sarah Taylor Lovell, John Fike, Nicholas Andrews and moderated by Matthew Smith			Room A
<i>Advances in Technology Applications</i>	Speaker: Adolfo Rosati Title: Agroforestry models overestimate photosynthesis of understory crops	Speaker: Kevin Wolz Title: Calibration of the 3D Hi-sAFe agroforestry model for hybrid walnut	Speaker: Chad W Higgins Title: Potential for agrivoltaics and an 'energy canopy'	Room B

<i>Environmental Benefits</i>	Speaker: Tom Sauer Title: Effect of red cedar windbreaks on soil physical properties in the U.S. Great Plains	Speaker: Francis Dube Title: Sustainable silvopastoral systems in an over-mature, degraded Nothofagus forest of the Andes of southwestern South America and its influence on soil quality		Room C
<i>Specialty Forest Products</i>	Speaker: Tiffany Hopkins Title: Pacific Northwest NTFP Production and how local woodland coop is helping producers break through market barriers	Speaker: Katie Commender Title: The Appalachian Harvest Herb Hub - Successes and Challenges	Speaker: Eric Burkhart Title: Neither wild nor cultivated: American ginseng ( <i>Panax quinquefolius L.</i> ) trade surveys in Pennsylvania, U.S.A., provide insights into husbandry of an internationally traded non-timber forest product.	Room D
				Room E
<i>Adoption, Implementation, and Evaluation</i>	Speaker: Dean Current Title: Determining landowner knowledge, attitudes and practices related to adoption of snow control measures	Speaker: Dean Current Title: Determining landowner knowledge, attitudes and practices related to adoption of snow control measures	Speaker: Andy Perleberg Title: 15-Year Survival and Growth Review of the Davenport Living Snow Fence Demonstration in Washington State	Room F
<b>2:15–2:30pm</b>	<b>Coffee Break</b>			
<b>2:30–3:30pm</b>	<b>Concurrent Session 4</b>			
<b>Track</b>	<b>Speaker 1 – 2:30-2:50</b>	<b>Speaker 2 – 2:50-3:10</b>	<b>Speaker 3 – 3:10-3:30</b>	<b>Room</b>
<i>Accessing Resources, Accessing Markets, and Managing Risk</i>	Panel Discussion Title: Agroforestry costs and benefits: Information sharing and collaboration Sarah Taylor Lovell, Kevin Wolz, Tracey Coulter, John Hendrickson moderated by Gary Bentrup			Room A
<i>Advances in Technology Applications</i>	Speaker: Alonso Ulloa Leiton Title: Analysis of the structure, morphology and chemical composition of the prickly pear spine to determine its potential uses.	Speaker: Khanh-Van Ho Title: Anti-inflammatory properties of black walnut ( <i>Juglans nigra</i> ) extracts in human pro-monocytic cell line U-937	Speaker: Rosa Garcia-Nuñez Title: Trees and Shrubs of Multiple Uses in the Southeast of Guanajuato: Mezquites and Huizaches	Room B

<i>Education, Outreach, and Community Engagement</i>	Speaker: Mike Gold Title: Tracing 35 Years of Agroforestry Development in the USA: Past, Present, Future	Speaker: Adolfo Rosati Title: Updates from the European Agroforestry Federation (EURAF)		Room C
<i>Specialty Forest Products</i>	Speaker: Andy Perleberg Title: Dangers you ought to be aware of while working in the forest	Speaker: Gary Wyatt Title: Food Forests - Building Edible Community Landscapes		Room D
<i>Adoption, Implementation, and Evaluation</i>	Speaker: Rowan Reid Title: 25 years on: Australian farmers validate an alternative model for agroforestry development	Speaker: Sonia Bruck Title: Results of the Pre-Test Assessing Adoption of Agroforestry in West Tanzania	Speaker: Maria Edna Alvarez-Sanchez Title: Integrative Agroforestry in a Community of the Sierra Madre Oriental	Room F
<b>3:30–3:45pm</b>	<b>Break</b>			
<b>3:45–4:45pm</b>	<b>Concurrent Session 5</b>			
<b>Track</b>	<b>Speaker 1 – 3:45-4:05</b>	<b>Speaker 2 – 4:05-4:25</b>	<b>Speaker 3 – 4:25-4:45</b>	<b>Room</b>
<i>Accessing Resources, Accessing Markets, and Managing Risk</i>	Speaker: Caroline Simard Title: Private and societal values of agroforestry systems in southern Quebec: how to enhance voluntary adoption?	Speaker: Susan Stein Title: Opportunities and Recommendations for Enhancing Agroforestry Economics		Room A
<i>Production Science</i>	Speaker: Gregory Ormsby Mori Title: Agroforestry Specialty Crop Development for the Midwest	Speaker: James Allen Title: Food Forests in Cities and Smaller Communities of the American Southwest	Speaker: Shailes Bhattraï Title: Vegetation Height and Diurnal Period Influenced the Behaviors and Distribution Patterns of Small Ruminants in Woodlands During Fall	Room B
<i>Education, Outreach, and Community Engagement</i>	Speaker: Mark Kopecky Title: Stimulating interest in silvopasture among farmer-members of an organic farm marketing cooperative	Speaker: Jerome Osentowski Title: Indoor and Outdoor Forest Farming for Year-Round Food and Medicine Production, Carbon Sequestration, Soil-Building, and Climate Change Mitigation.		Room C

<i>Specialty Forest Products</i>		Speaker: Teal Jordan Title: Phytochemical Changes in Ramps ( <i>Allium tricoccum</i> ) Across Seasonal and Reproductive Development	Speaker: Eric Burkhart Title: Agroforestry and forest herbs: the effect of harvest time and forest site on alkaloid content in forest grown goldenseal ( <i>Hydrastis canadensis L.</i> ).	Room D
<i>Climate Change</i>	Speaker: Steve Gabriel Title: Tree Fodders: Silvopasture for a Changing Climate	Speaker: Ryan Dibala Title: Initial Performance of Red Mulberry ( <i>Morus rubra</i> ) Along a Shade Gradient: An Overlooked Supplemental Livestock Forage?		Room E
<i>Adoption, Implementation, and Evaluation</i>	Panel Discussion Title: Advancing Agroforestry through the Private Sector: Agroforestry Consultants and Beyond Shane Hetzler, Jude Hobbs, Connor Stedman moderated by Kate MacFarland			Room F
<b>4:45-5:30pm</b>	<b>All-hands AFTA Business Meeting</b>			Cascade Ballroom
<b>5:00-7:00pm</b>	<b>Poster Presentation and Reception</b>			Alumni Center
<b>7:00 pm</b>	<b>Dinner on your own</b>			

**THURSDAY, JUNE 27**

<b>7:30–8:30am</b>	<b>Continental Breakfast</b>			Cascade Ballroom
<b>8:30–9:15am</b>	<b>Keynote</b>			Cascade Ballroom
<b>9:15–9:30am</b>	<b>Coffee Break</b>			
<b>9:30–10:30am</b>	<b>Concurrent Sessions 6</b>			
<b>Track</b>	<b>Speaker 1 – 9:30-9:50</b>	<b>Speaker 2 – 9:50-10:10</b>	<b>Speaker 3 – 10:10-10:30</b>	<b>Room</b>
<i>Accessing Resources, Accessing Markets, and Managing Risk</i>	Panel Discussion Title: Land access for agroforestry: examples and case studies Katie Commender, Erik Hagan, Kevin Wolz moderated by Kate MacFarland			Room A
<i>Production Science</i>	Speaker: Uma Karki Title: Southern Pines Performed Better in Silvopastures than in Woodland Grazing System	Speaker: Gary Wyatt Title: Vegetative Windbreaks for Poultry Farms	Speaker: Matt Dami Title: Syntropy in Practice: Managing Succession Dynamics to Produce Quality Food, Draw Down Carbon, and Generate Sustainable Livelihoods	Room B

<i>Adoption, Implementation, and Evaluation</i>	Speaker: Diomy Zamora Title: Silvopasture as an approach to restoring productivity of unmanaged woodland grazing in Minnesota	Speaker: Diane Mayerfeld Title: Animal welfare benefits and production challenges in silvopasture	Speaker: Philadelphia Wilkens Title: How and why might livestock producers in Virginia, U.S.A. adopt silvopasture?	Room C
<i>Policy in Practice</i>	Speaker: Sarah Coffey Title: Edible Green Infrastructure in the Mid-Atlantic: Policy Approaches and Drivers at the Municipal Level	Speaker: Colleen Rossier Title: How can integrating Western and indigenous agroforestry science, and practice, and management enhance both ecological and socio-ecological resilience?		Room D
<i>Climate Change</i>	Panel Discussion Title: Agroforestry Plant Materials for a Changing Climate Sonja Brodt, Mike Gold, Matt Smith, Ron Revord moderated by Gary Bentrup			Room E
				Room F
<b>10:30–10:45am</b>	<b>Break</b>			
<b>10:45–11:45am</b>	<b>Concurrent Sessions 7</b>			
<b>Track</b>	<b>Speaker 1 – 10:45-11:05</b>	<b>Speaker 2 – 11:05-11:25</b>	<b>Speaker 3 – 11:25-11:45</b>	<b>Room</b>
<i>Accessing Resources, Accessing Markets, and Managing Risk</i>	Panel Discussion Title: Public Private Partnerships in developing Cooperative Marketing Opportunities for Enhancing Chestnut ( <i>Castanea</i> spp.) Production and Conservation: A Pennsylvania example. Erik Hagan, Tracey Coulter, Steve Hoy, Kate MacFarland			Room A
<i>Production Science</i>	Speaker: Alan Franzluebbbers Title: Silvopasture production characteristics in the Coastal Plain of North Carolina	Speaker: Mounir Louhaichi Title: Silvopastoral Systems and Climate Change Mitigation in Central Tunisia		Room B
<i>Education, Outreach, and Community Engagement</i>	Roundtable Discussion Title: Indigenous Partnerships for Agroforestry: Initiating a Decolonized Process Frank Lake, Colleen Rossier, and Rowen White, facilitated by Hannah Hemmelgarn			Room C
<i>Policy in Practice</i>	Speaker: Sarah Brown Title: A systematic map of evidence on the impacts of agroforestry interventions in temperate countries	Speaker: Gregory Ormsby Mori Title: Agroforestry Policy Development in the USA	Speaker: Rico Hübner Title: The agroforestry governance nexus: an exploratory assessment in Germany and Europe	Room D

				Room E
<i>Adoption, Implementation, and Evaluation</i>	Roundtable Discussion Title: Silvopasture: How can we get farmers to plant more trees? Steve Gabriel			Room F
<b>11:45am-12:00pm</b>	<b>Closing Remarks</b>			Cascade Ballroom
<b>1:00pm</b>	<b>Working Groups and Regional Meetings (open to all)</b> Starting with a brief plenary session sharing perspectives on working at a regional scale, join others in your region to learn who else is involved with agroforestry and discuss opportunities, challenges, projects, and partnerships in your area.  <b>Regional Meetings</b> Northeast/Mid-Atlantic Southeast Midwest Great Plains Pacific Northwest Southwest  <b>Group Meetings</b> American Forest Farming Council USDA Agricultural Research Service			Cascade Ballroom



## Poster Presentations

Alvarez-Sanchez, Maria Edna	Nutritional assessment of <i>Moringa oleifera Lam</i> plantations to optimize oil production
Bentrup, Gary	Tree Advisor: Selecting Woody Plants for Agroforestry in the Great Plains
Brodt, Sonja	Assessing elderberry hedgerows for commercial production in California
Buendia-Espinoza, Julio Cesar	Physical and Sensorial Quality of Coffee ( <i>Coffea arabica L.</i> ) in Coatepec, Veracruz, Mexico.
Cahuich Damián, Jesus	Shrubs and herbaceous plants in ecological rehabilitation processes in a semi-dry climate
Coleman, Brent	Carbon sequestration in riparian buffer systems as influenced by soil texture, vegetation type and age in Ontario, Canada
Current, Dean	Farmmaps - A farmer to farmer database and networking tool
Dold, Christian	Impact of tree windbreaks on annual crops - carbon uptake and water use
Dwikarina, Amanda	Characterization of the anti-tumor taccalonolides isolated from black bat flower ( <i>Tacca chantrieri</i> ) in Indonesia
Efrat, Novianus	Switchgrass ( <i>Panicum virgatum</i> ) bioactive compounds profiling through untargeted and targeted analysis.
Emery, Marla	Nontimber Forest Products in the United States
Fike, John	Forage and Heifer Responses to Silvopasture Management
Garza-Lau, Ruben	Nutritional Input From Nitrogen Fixing Tree Species To A Coffee Agroforestry System
Ho, Khanh-Van	Identifying Antibacterial Compounds in Black Walnuts ( <i>Juglans nigra</i> ) Using A Metabolomics Approach
Hsu, Shuyu	A <i>Bacillus Thuringiensis</i> Spore Expression System for Bioremediation
Kellerman, Todd	Agroforestry Inventory: Translating Research to Landowners
Louhaichi, Mounir	Community Participation Towards Silvopastoral Restoration
Maldonado, Ranferi	Nutrition for rapid growth of mahogany plants ( <i>Swietenia macrophylla King</i> )
Maldonado, Ranferi	Contribution to the study of the agro forest entomology system of the <i>Lippia myriocephala</i> tree as a source of fuel and means of reproduction of the larva <i>Phassus triangularis</i>
Mendelson, Sophie	The Agroforestry Academy - Impacts on Adoption
Merwin, Miles	Cooperative Marketing of Special Forest Products in Oregon
Mosquera Losada, Maria Rosa	Agroforestry Policy in Europe
Mosquera Losada, Maria Rosa	Silvoarable practices as a mechanism to enhance climate adaptation
Ofosu, Enoch	Carbon sequestration potentials of diverse riparian buffer systems in Southern Ontario
Penkauskas, Calvin	Resolving conflict between oak conservation and organic hazelnut production
Poudel, Sanjok	Performance of Katahdin Rams in Southern-pine Silvopasture and Woodland Grazing Systems
Pudota, Mounika	Agroforestry Alley Cropping with Specialty Crops among Loblolly Pine and Pecan Stands.
Pugh, Brahmi	The governance of agroforestry in the United States: Virginia and Missouri
Romero Díaz, Claudio	Bird diversity in two Agroforestry systems and a Mountain Cloud Tropical Forest
Uribe Gómez, Miguel	Methods for Propagation of Multipurpose tree species in the Sierra of Huautla, Morelos, Mexico
Valencia Trejo, Guadalupe Montserrat	Community Territorial Planning with an Agroforestry Approach in Xaltepuxtla, Puebla, Mexico
Vo, Phuc	Quantification of Bioactive Phytochemicals in Spent Coffee Grounds by Liquid Chromatography Tandem-mass Spectrometry (LC-MS/MS)
Zamora, Diomy	Bioenergy Production and Soil Health Potentials of Eastern Red Cedar Windbreaks in the U.S. Great Plains

## Lightning Talks

Presenter	Title of Talk
Kevin Wolz	PerennialMap.org - Navigate the Future of Farming
Marla Emery	Nontimber forest products and agroforestry: What you need to know
Kevin Wolz	Utilizing systematic experimental designs to explore plant diversity in perennial cropping systems

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