

USBI 2012

Building the future from the ground up™



July 29 – August 1

2012 US Biochar Conference Sonoma State University, Rohnert Park, CA

HOSTED BY THE SONOMA BIOCHAR INITIATIVE ~ REDIRECTING CARBON

Conference Schedule of Events

SUNDAY, July 29, 12 noon – 7:00 pm

| DAY | TIME | Location | TITLE | Presenter | Presentation Title |
|--------|-------------------|-----------------|-------------------------|--|--|
| Sunday | 12 noon - 6:00 PM | Cooperage | Check In | | |
| Sunday | | Cooperage | Pre-Conference Meetings | | <i>We will be listing pre-conference meetings and events once these times are set.</i> |
| Sunday | 1:00 PM | Biochar Village | Cheese Tour | | <i>NOTE: Space limited, prior registration mandatory</i> |
| Sunday | 3:00 PM | Biochar Village | Wine Tour | | <i>NOTE: Space limited, prior registration mandatory</i> |
| Sunday | 6:00 PM | Lakes | Welcome Reception | David Morell, PhD, Sonoma Biochar Initiative | <i>Welcome to the 2012 Conference from SBI</i> |
| | | | | Jake MacKenzie, Mayor, Rohnert Park, CA and Board Chair, Sonoma County Regional Climate Protection Authority | <i>Welcoming Remarks</i> |
| | | | | Ray Gallian, Sonoma Biochar Initiative | <i>Welcoming Remarks</i> |
| | | | | Erich Knight, Biochar Advocate | <i>Carbon Conservation for Home, Health, Energy & Climate</i> |
| Sunday | 7:00 PM | Cooperage | Social Conversation | | |

| DAY | TIME | Location | TITLE | Presenter | Presentation Title |
|--------|----------|----------------------|---|---|--|
| Monday | 7:00 AM | Zinfandel Hall | Monday Breakfast | | |
| Monday | 8:00 AM | Person Theater | OPENING SESSION AND WELCOME | Raymond Baltar, Sonoma Biochar Initiative | <i>Overview -- Goals of the Conference</i> |
| Monday | 8:15 AM | Person Theater | Introduction of Conference and First Plenary Session | Gloria Flora, USBI | <i>Biochar, Now More Than Ever</i> |
| Monday | 8:30 AM | Person Theater | State of the Biochar Industry | Lopa Brunjes, The Biochar Company | <i>Who's Who and What's What?</i> |
| | | | | Bruno Glaser, PhD, Luther University (Germany), [paper presented by Daniela Busch, University of Halle (Germany)] | <i>Current State of Biochar Development in Europe</i> |
| | | | | Thayer Tomlinson, IBI | <i>Update on IBI Programs and Activities</i> |
| Monday | 9:40 AM | Person Theater Lobby | Monday Morning Break | | |
| Monday | 10:00 AM | Person Theater | Sustainable Business Models | Josiah Hunt, Hawaii Biochar | <i>Lessons from Three Years of Practical Experience in Hawaii</i> |
| | | | | Peter Hirst, New England Biochar | <i>Down on the Farm: Building Integrated Systems</i> |
| | | | | Jeff Wallin, The Biochar Company | <i>Whole Systems Business Models for a Sustainable Biochar Industry</i> |
| Monday | 10:00 AM | Salazar 2021 | Special Presentations by Chinese Delegation | Xiao Yunhan, PhD | <i>Mobile Biochar Pyrolysis Technology and Equipment</i> |
| | | | | Cheng Huiqiang | <i>Agricultural Residue Use in China in Recent Years</i> |
| | | | | Jun Meng, PhD | <i>Biochar for Sustainable Agriculture</i> |
| | | | | Zhong Zheke, PhD | <i>Two Years' Commercial Experience with Biochar: Feasibility and Benefits</i> |
| Monday | 10:00 AM | Salazar 2016 | Biochar Science: Pyrolysis | Catherine Brewer, Iowa State University [paper presented by David Laird, PhD, Iowa State University] | <i>Oxygen in a Slow Pyrolysis Atmosphere</i> |
| | | | | Yanxue Han, Beijing Forestry University | <i>Switchgrass, Hardwood and Softwood with Differing Pyrolysis</i> |
| | | | | Fungai Mukome, PhD, University of California, Davis | <i>Using Chemical and Physical Characteristics to Investigate Trends in Feedstocks</i> |
| | | | | D. Nathaniel Mulcahy, Worldstove | <i>Biochar Production for Soil Restoration</i> |

| DAY | TIME | Location | TITLE | Presenter | Presentation Title |
|---------------|--------------------|-----------------------|--|--|--|
| Monday | 10:00 AM | Cooperage | Tropical Soils Trials in Africa and India | <p>Jason Aramburu, re:char</p> <p>Andrew Crane-Droesch, University of California, Berkeley</p> <p>Ryan Hottle, Ohio State University</p> <p>Kevin Schreiber, University of Pennsylvania</p> | <p><i>Vegetable Production in Kenya</i></p> <p><i>Yields for Smallholders in Kenya</i></p> <p><i>Impact of Biochar Use on Nutrient Poor Soils in India</i></p> <p><i>Business Aspects of Using Sugar Cane Wastes in Uganda</i></p> |
| Monday | 11:30 AM | Person Theater | Keynote Address | <p>Sunne McPeak, President & CEO, California Emerging Technology Fund & former California Secretary of the Business, Transportation & Housing Agency</p> | <p><i>Building a Successful Biochar Business in California: Challenges and Opportunities</i></p> |
| Monday | 12:15 PM | Zinfandel Hall | Monday Lunch | | |
| Monday | 12:30 PM - 2:30 PM | Biochar Village | Farm-Out Session I: Valley End Farm | <p>Visit to a nearby farm to meet the farmer and discuss implications and impacts of biochar use</p> <p>Valley End Farm is a Certified Organic vegetable farm, with Community Shared Agriculture (CSA) membership.</p> | <p><i>Methods of Biochar Application: Best Practices for Applying Biochar on Small and Large Farms</i></p> <p>NOTE: Space limited, prior registration mandatory. Bus transportation will be provided.</p> |
| Monday | 1:15 PM | Cooperage | Mid-Sized Biochar Production Technologies | <p>Jonah Levine, Biochar Solutions</p> <p>Jerry Whitfield, Whitfield Biochar</p> <p>Johannes Schneeberger, Thermal Engineer, Inventor & Entrepreneur</p> <p>Martin Olazar, PhD, University of the Basque Country (Spain)</p> | <p><i>Biochar Solutions' Machine</i></p> <p><i>Continuous Flow Biochar Reactor</i></p> <p><i>The LAURIN Engine: Electricity Generation and Biochar</i></p> <p><i>Conical Spouted Bed Reactor</i></p> |
| Monday | 1:15 PM | Salazar 2021 | Urban Agriculture | <p>Justin Beck, Biochar Advocate</p> <p>Kelby Fite, PhD and Drew Zwart, Bartlett Tree Research Labs</p> <p>Jeff Licht, University of Massachusetts at Boston</p> | <p><i>Biochar Use at Urban Farms in Germany</i></p> <p><i>Improving Urban and Suburban Landscapes with Biochar</i></p> <p><i>Using Biochar on Urban Roofs</i></p> |

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|--------|-------------------|-----------------|--|---|--|
| Monday | 1:15 PM | Salazar 2016 | Biochar Science | Daniela Busch, University of Halle (Germany) | <i>Risk Evaluation using Bio Indicators</i> |
| | | | | Zuolin Liu, Rice University | <i>Hydraulic Conductivity and Soil Water Potential: Impacts of Concentration and Particle Size</i> |
| | | | | Daoyuan Wang, University of California, Davis | <i>Biochar Doses, Grain Diameters and Water-Holding Capacity</i> |
| | | | | Meghana Rao, Jesuit High School, Oregon | <i>Carbon Sequestration and Particle Size</i> |
| Monday | 2:40 PM | Cooperage | Monday Mid-afternoon Break | | |
| Monday | 3:00 PM - 5:00 PM | Biochar Village | Farm-Out Session II: Tara Firma Farm | <p>Visit to a nearby farm to meet the farmer and discuss possible implications and impacts of biochar use.</p> <p>Tara Firma Farm is a CSA (vegetables, pastured chicken, beef, pork, poultry, and eggs) and Institute.</p> | <p><i>Methods of Biochar Application: Best Practices for Applying Biochar on Small and Large Farms</i></p> <p>NOTE: Space limited, prior registration mandatory. Bus transportation will be provided.</p> |
| Monday | 3:00 PM | Cooperage | Biochar Use and Temperate Agriculture | David Laird, PhD, Iowa State University | <i>Biochar Mitigation of Allelopathy Induced Yield Loss in Continuous Maize</i> |
| | | | | Stefanie Kloss, University of Natural Resources and Life Sciences (Austria) | <i>Soil and Plant Yield Responses in Temperate Soils</i> |
| | | | | Natalia Rogovska, Iowa State University | <i>Effect of Biochar Use on Soybean Root Disease Potential</i> |
| Monday | 3:00 PM | Salazar 2021 | Improving Soil Systems | <p>Mike Flynn, BioSpecific LLC</p> <p>Robin Cook, Sunmark Environmental</p> <p>Sunny Castillo, University of Alaska, Fairbanks</p> | <p><i>Making Soils Smarter and Happier with VermiChar</i></p> <p><i>Using Permamatrix to Reduce Costs</i></p> <p><i>Application of Biochar to Subarctic Soils</i></p> |
| Monday | 3:00 PM | Salazar 2016 | Reclamation Using Biochar: Mines and Industrial Sites | Charlene Kelly, PhD, USGS | <i>Biochar Use in Mine Reclamation</i> |
| | | | | K.Thomas Klasson, Ph.D., USDA | <i>Mercury Removal Using Biochar</i> |
| | | | | Chun-Ha Gao, Shanxi Academy of Agricultural Sciences (China) | <i>Effects of Different Organic Materials on Soil Carbon Accumulation in Reclaimed Coal Mine Area</i> |



MONDAY, July 30, 5:30 – 7:00 pm

| DAY | TIME | Location | TITLE | Presenter | Presentation Title |
|--------|---------|----------------|------------------------------------|--|--------------------|
| Monday | 5:30 PM | Zinfandel Hall | Monday Night Dinner | | |
| Monday | 7:00 PM | Person Theater | Movie: Symphony of the Soil | The film examines our relationship with soil, the use and misuse of soil in agriculture, deforestation and development, and the latest scientific research on soil's key role in ameliorating the most challenging environmental issues of our time. | |

Musings. Sketches. Inspirations.

| DAY | TIME | Location | TITLE | Presenter | Presentation Title |
|---------|----------|----------------------|---------------------------------|--|--|
| Tuesday | 7:00 AM | Zinfandel Hall | Tuesday Breakfast | | |
| Tuesday | 8:00 AM | Person Theater | Tuesday Welcome | Acknowledging Sponsors and Special Guests | |
| Tuesday | 8:30 AM | Person Theater | Carbon and Energy Policy Issues | Johannes Lehmann, PhD, Cornell University Peter Hirst, New England Biochar Rhys Roth, Climate Solutions Karl Frogner, PhD, UB International | <i>Biochar and Carbon In Perspective</i> <i>Building a Biochar Industry: Roles for Carbon and Energy</i> <i>Biochar and the Second Climate Solution</i> <i>Biochar in the Hansen and Woolf Climate Change Models</i> |
| Tuesday | 9:45 AM | Person Theater Lobby | | Tuesday Morning Break | |
| Tuesday | 10:00 AM | Person Theater | Large Production Technology | Tom Miles, T.R. Miles, Technical Consultants, Inc Thomas Del Monte, Interra Energy Bert Bennett, ICM Greg Stangl, Phoenix Energy | <i>Product and Process Options for the Biochar Entrepreneur</i> <i>A Project Developer's Guide to Picking a Biomass Conversion Technology</i> <i>The ICM Gasifier: Industrial Biochar Production</i> <i>Generating Electricity and Making Biochar: Successes and Challenges</i> |
| Tuesday | 10:00 AM | Cooperage | Biochar Production Economics | John Bonitz, Southern Alliance for Clean Energy David Sjoding, Washington State University, Pacific Region Bioenergy Partnership, & USDOE Northwest Clean Energy Application Center | <i>Regional Bioenergy Progress and Industry Assessment</i> <i>Pacific Northwest Perspective on Developing a Biochar Industry</i> |
| Tuesday | 10:00 AM | Salazar 2021 | Special Chars and Feedstocks | Michael Urban, Biochar Merchants Dr. Christoph Fuhner, PhD, Ufz (Germany) Brian von Herzen, PhD, The Climate Foundation Kelly Sveinson, Langara College (Canada) | <i>Using Lump Charcoal Byproducts as a Soil Amendment</i> <i>Biochar as a Tool for Sustainable Sanitation</i> <i>Making Biochar from Novel Biosolids Sources</i> <i>Production of "Designer" Biochar</i> |

| DAY | TIME | Location | TITLE | Presenter | Presentation Title |
|---------|----------|----------------|--|--|--|
| Tuesday | 10:00 AM | Salazar 2016 | Non-Agricultural Uses of Biochar | Sophie Minori Uchimiya, Ph.D., USDA | <i>Treating Heavy Metals and Pesticides in Contaminated Soils</i> |
| | | | | Seok-Young Oh, Ph.D., University of Ulsan (Korea) | <i>Biochar Remediated Reduction of Nitro Herbicides and Explosives</i> |
| | | | | John Miedema, Thompson Timber and Pacific Northwest Biochar Initiative | <i>Using Designer Biochar for Water Remediation</i> |
| Tuesday | 11:15 AM | Person Theater | Small Biochar Production Technologies | Wayne Teel, PhD, James Madison University | <i>Capturing Heat from a Small Biochar Production System</i> |
| | | | | Paul "Dr TLUD" Anderson, Chip Energy | <i>TLUD Cookstoves and Barrel-size Production of Biochar</i> |
| | | | | Dan Mackenzie, retired environmental scientist | <i>Producing Backyard Biochar</i> |
| | | | | Karl Frogner, UB International | <i>Jolly Rodger TLUD</i> |
| Tuesday | 11:15 AM | Cooperage | National and Regional Perspectives on Biochar Use | Richard Frankel, Ph.D., Mae Fah Luang University (Thailand) | <i>Approaches to Biochar Use in Laos and Thailand</i> |
| | | | | Anthony Anyia, Ph.D., Futures, Alberta Innovates-Technology AITF | <i>Alberta's Biochar Experience</i> |
| | | | | M. Ryan Delaney, Carbon Roots International | <i>Biochar Adoption and Poverty in Haiti</i> |
| Tuesday | 11:15 AM | Salazar 2021 | Char Characterization | Hugh McLaughlin, PhD, Alterna Biocharon [paper presented by Greg Thiele, Micromeritic] | <i>Analytical Options for Determining Adsorption and Surface Area</i> |
| | | | | Kurt Spokas, USDA | <i>Evaluation of Sorbed PAHs</i> |
| | | | | Bernardo del Campo, Iowa State University | <i>Stability and Safe Application of Fast Pyrolysis Biochar</i> |
| Tuesday | 11:15 AM | Salazar 2016 | Special Soil Effects I | Bob Cirino, University of Delaware | <i>Effect on Arabidopsis and Soil Microbial Communities</i> |
| | | | | Colleen Rostad, USGS | <i>Environmental Implications of Water Soluble Components</i> |
| | | | | Adam Asquith, University of Hawaii | <i>Biochar Trials with Depleted Hawaiian Soils</i> |

| DAY | TIME | Location | TITLE | Presenter | Presentation Title |
|----------------|--------------------|-----------------------|--|---|---|
| Tuesday | 12 noon | Biochar Village | SMV SHUTTLE BUS SERVICE BEGINS | | |
| | | | | This shuttle bus runs from the Biochar Village to Sonoma Mountain Village where several components of the Tuesday afternoon program take place, followed by the Gala Dinner. | |
| Tuesday | 12:15 PM | Zinfandel Hall | Tuesday Lunch | | |
| Tuesday | 12:30 PM - 2:30 PM | Biochar Village | Farm-Out Session III: Green String Farm | <p>Visit to a nearby farm to meet the farmer and discuss possible implications and impacts of biochar use</p> <p>Green String is a sustainable farm focused on aiding, rather than fighting, natural processes to grow healthy and happy fruits and vegetables.</p> | <p>Methods of Biochar Application: Best Practices for Applying Biochar on Small and Large Farms</p> <p>NOTE: Space limited, prior registration mandatory. Bus transportation will be provided.</p> |
| Tuesday | 1:15 PM | Cooperage | Biochar Impacts on Nitrogen | <p>Engil Pereira, University of California, Davis</p> <p>Kurt Spokas, USDA</p> <p>Teri Angst, University of Edinburgh (UK)</p> | <p>Effects on Soil Structure and GHG Emissions</p> <p>Interactions with Dissolved Ammonia and Nitrates</p> <p>Nutrient Retention and Nitrous Oxide Emissions</p> |
| Tuesday | 1:15 PM | Salazar 2021 | Special Soil Effects II | <p>Caroline Masiello, PhD, Rice University</p> <p>Jesus Diaz, PhD, Colorado State University</p> <p>Jatara Wise, Texas A&M University</p> | <p>Biochar Effects on Microbial Cell-Cell Communication</p> <p>Soil Microbial Community Abundance and Composition</p> <p>Feedstock Nutrient Conservation in Biochar</p> |
| Tuesday | 1:15 PM | Salazar 2016 | Biochar and Forestry | <p>Judith Harwood, Mendocino County (CA) Biomass Working Group</p> <p>Mark Coleman, PhD, University of Idaho</p> | <p>Mendocino County Biochar Demonstration Project</p> <p>Impacts of Biochar Use in Western Forests</p> |

The Shuttle Bus runs from Sonoma State University (SSU) to Sonoma Mountain Village (SMV) from noon to 10PM

| DAY | TIME | Location | TITLE | Presenter | Presentation Title |
|---------|-------------------|------------------|--|---|---|
| Tuesday | 1:30 PM | SMV | Sustainability Guidelines, Standards and Practices (Review Meeting) | Gloria Flora, USBI John Miedema, Thompson Timber and Pacific Northwest Biochar Initiative Kelpie Wilson, IBI | <i>USBI's Approach: Sustainability and Beyond</i> <i>The Need for Biochar Sustainability Protocols</i> <i>Developing International Sustainability</i> |
| Tuesday | 1:30 PM | SMV - Board Room | Biochar 101 A special information session conference participants (special session passes) | Biochar 101 is a special session for those attendees who cannot attend the full conference, but are seeking an intensive introduction to vital information about biochar: the key characteristics that raise the most serious hopes and policy challenges for its future as a tool for ecological and environmental management. Alex Dolginow, Sonoma County Climate Protection Campaign Peter Hirst, New England Biochar | |
| Tuesday | 2:40 PM | Cooperage/SMV | Tuesday Mid-afternoon Break | | |
| Tuesday | 2:40 PM - 5:00 PM | Biochar Village | Farm-Out Session IV: Gap's Crown Vineyard | Visit to a nearby farm to meet the farmer and discuss possible implications and impacts of biochar use. Gap's Crown Vineyard is a wine grape and riparian restoration project along Copeland Creek. | NOTE: Space limited, prior registration mandatory. Bus transportation will be provided. |
| Tuesday | 3:00 PM | SMV | New GHG Offset Quantification Methodology | Peter Weisberg, The Climate Trust Keith Driver, Prasino Group | <i>This special presentation will address important new work being supported by funding from the Blue Moon Foundation. The presenters will introduce conference attendees to this process and provide insight and guidance into how stakeholders can get engaged.</i> |

| DAY | TIME | Location | TITLE | Presenter | Presentation Title |
|----------------|----------------|-----------------------|---|---|--|
| Tuesday | 3:30 PM | SMV - Board Room | Financing Biochar Enterprises | | |
| | | | As with any new industry, finding startup or growth capital can be daunting and is often as much of an educational campaign as a challenging numbers game. This special session will provide tips and information on financing strategies from some well-known companies in the biochar industry, interacting with a special panel of experts representing both traditional financing sources (such as angel investors and investment banking) and emerging alternatives (such as direct public offerings, crowd funding, and slow money). The session will consist of short presentations followed by what we anticipate to be a very lively, interactive discussion among the experts and participants from the audience. | | |
| | | | | Mike Rocke of Cool Planet Biofuels | |
| | | | | Jonah Levine of Biochar Solutions | |
| | | | | Jenny Kassan of Cutting Edge Capital | |
| | | | | Tony Cone of Westhoff, Cone and Holmstedt | |
| | | | | Lisa Tamayo-Kennedy of investorMetrix | |
| | | | | Paul Bozzo, 10X Group | |
| | | | | Jeff Wallin, The Biochar Company | |
| | | | | Greg Stangl, Phoenix Energy | |
| | | | | Jack Lance, Investor/Entrepreneur | |
| | | | | Ashwin Gulati/ President, Match Point Ventures | |
| Tuesday | 4:00 PM | SMV Foyer | Poster Presentations | | |
| | | | See the conference website for a separate listing of all poster presenters and their topics. | | |
| Tuesday | 6:00 PM | SMV | SBI TASTE OF SONOMA DINNER | | |
| Tuesday | 7:00 PM | SMV | Dinner Keynote | Richard Heinberg, Senior Fellow-in-Residence and Board Secretary, Post Carbon Institute | <i>Soil, Carbon, and Survival</i> |
| Tuesday | 8:30 PM | SMV - Board Room | Social Conversation | | |
| Tuesday | 10:00 PM | SMV - BIOCHAR VILLAGE | SMV SHUTTLE BUS SERVICE CONCLUDES | | |

| DAY | TIME | Location | TITLE | Presenter | Presentation Title |
|-----------|----------|-------------------------|---|---|---|
| Wednesday | 7:00 AM | Zinfandel Hall | Wednesday Breakfast | | |
| Wednesday | 8:00 AM | Person Theater | Wednesday Welcome | | |
| Wednesday | 8:15 AM | Person Theater | The Road Ahead | David Laird, Ph.D., Iowa State University | <i>Achieving a Carbon-Negative Economy</i> |
| | | | | Jeff Schahczenski, National Center for Appropriate Technology | <i>Food or Fuel: Economic and Political Barriers to Biochar Development</i> |
| | | | | Ronald Larson, Ph.D., USBI and IBI Advisory Board | <i>Biochar SWOT Analysis (Strengths, Weaknesses, Opportunities and Threats)</i> |
| Wednesday | 9:40 AM | Person Theater Lobby | Wednesday Morning Break | | |
| Wednesday | 10:00 AM | Person Theater | World Enterprise Perspectives | Morgan Williams, Biochar Solutions | <i>Biochar Solutions and the Virgin Earth Challenge</i> |
| | | | | Craig Sams, Carbon Gold | <i>Taking Biochar to Market in the UK and Tropical Agriculture</i> |
| | | | | Mike Rocke, CoolPlanet Biofuels | <i>The Cool Planet Approach to Creating Fuels from Biomass</i> |
| Wednesday | 10:00 AM | Cooperage | Biochar Use in Specialized Agricultural Settings | Elizabeth Verhoeven, University of California, Davis | <i>Biochar Use in Vineyards</i> |
| | | | | Kurt Spokas, USDA | <i>Biochar and Specialty Crop Production</i> |
| | | | | Jeff Licht, University of Massachusetts at Boston | <i>Biochar and Sand Plain Species</i> |
| | | | | Heinz-Joseph Koch, Ph.D., University of Goettingen (Germany) | <i>High Nitrogen Supply Alleviates Reduced Sugarbeet Growth Caused by Hydrochar Application</i> |
| Wednesday | 10:00 AM | Salazar 2016 | Special Issues in Biochar Use | John Miedema, Thompson Timber and Pacific Northwest Biochar Initiative | <i>Using Industrial Surplus Materials to Produce Biochar</i> |
| | | | | Ines Vogel, Ph.D., Free University of Berlin (Germany) | <i>Using Biochar Substrates for Degradation of Organic Pollutants in Soils of Former Military Areas</i> |
| | | | | Benjamin Wirth, Leibniz Institute for Agricultural Engineering (Potsdam, Germany) | <i>Anaerobic Treatment of HTC Wastewater</i> |

| DAY | TIME | Location | TITLE | Presenter | Presentation Title |
|------------------|----------------------|-----------------------|---|---|--|
| Wednesday | 10:00 AM | Salazar 2021 | Biochar Specialty Uses | <p>Sherie Edenborn, Ph.D., Chatham University</p> <p>Sholeb Akaram, Shastra University (India)</p> <p>Konstantin Terytze, Ph.D., Free University of Berlin, Germany</p> | <p><i>Using Compost Tea to Enhance Biochar's Beneficial Properties</i></p> <p><i>Reducing Soil and Water Pollution from Pathogens in Poultry Manure</i></p> <p><i>Application in the Berlin Botanical Garden</i></p> |
| Wednesday | 11:30 AM | Person Theater | Conference Final Comments and Next Steps | <p>Raymond Baltar, Sonoma Biochar Initiative</p> <p>Gloria Flora, USBI</p> | <p><i>Farewell and "where do we go from here?"</i></p> <p><i>Next Steps for Biochar in the US</i></p> |
| Wednesday | 12:15 PM | Zinfandel Hall | Wednesday Lunch | | |
| Wednesday | 1:00 PM - 3:00 PM | Biochar Village | Sonoma Compost Tour | <p>We will go on a chronological tour following organic matter from receiving all the way through the finished product in retail. The tour will be a short course in composting, highlighting the principles of composting and monitoring as we move through the site.</p> <p>NOTE: Space limited, prior registration mandatory. Bus transportation will be provided</p> | |
| Wednesday | 1:15 PM | Cooperage | Post Conference Meetings and Events | | |

See the conference website for a separate listing of all post-conference meetings and events, and for information about the 2013 USBI conference.

Final thoughts...