



Letter from the Executive Director

Happy New Year! □ We are off to a strong start to 2025 at USBI, and we're feeling optimistic about growing markets for biochar, hosting our annual conference in September, and better supporting the biochar industry.

We will also be changing as an organization — growing our team, leading a full rebrand for USBI, and rebuilding our website. We'll have updates on those changes over the next few months, but we hope to lay the groundwork for USBI to have an increased impact and reach.

In the near term, we are really excited to launch industry roundtable events to better coordinate with and serve the biochar industry, and you can find more details on that effort below.

For my part, I'll be presenting at two key events in the next month focused on growing agricultural demand for biochar — as a soil amendment and as biochar-enhanced fertilizers. First, I'll be presenting alongside Kristin Trippe, PhD. (USDA ARS) at the National Association of Conservation Districts Annual Meeting in Salt Lake City, UT February 11, 2025. We'll focus on improving understanding of biochar and NRCS programs among Conservation Districts and others, and we'll also be looking to recruit partners for Train the Trainer events that we hope to hold starting Fall 2025.

After that, I'll be in New Orleans, LA February 17-18, 2025 at the Association of American Plant Food Control Officials Annual Meeting. AAPFCO plays a key role in developing state and federal regulations for fertilizers and soil amendments, and I'll be focused on inserting biochar into those regulations and also on making sure our upcoming American National Standard for biochar meets AAPFCO requirements.



Myles Gray
Executive Director

2025 North American Biochar Conference

Building Sustainable Markets and Driving Innovation

Writing Biochar's Next Chapter

Save the Date for September 15–18, 2025 in Minneapolis, Minnesota!

The North American Biochar Conference, organized by USBI, has become the premier gathering for the biochar industry in North America and beyond. For 2025, as interest and momentum within the biochar community continue to grow, we anticipate an exceptional turnout of over 1,000 attendees and 75+ exhibitors and sponsors.

Call for Speakers Now Open

[Submit Your Abstract](#)

We're looking to bring together the best content on biochar research, practical uses, finance, carbon, policy, and more. Abstracts can be submitted for technical sessions, panels, workshops, and posters. Open through February 28, 2025.

Call for Sponsors & Exhibitors

[Download the Sponsor Package Preview](#)

Are you interested in showcasing your organization or products?

Sponsorship Opportunities: Looking for high-impact visibility? Our sponsorship packages are tailored to maximize your brand's exposure. For more information reach out to Emily@biochar-us.org.

Exhibit Opportunities: Connect with attendees and share your work by becoming an exhibitor. For more details, contact Lisa@biochar-us.org.

Stay tuned — the complete exhibitor and sponsorship packages will be released soon. Don't miss the chance to be part of this event.

Biochar Atlas Seeking Biochar Samples

Submit biochar samples to get them included in the Biochar Atlas decision-support tool, and get free laboratory analysis along the way.

USDA ARS and USBI have been collaborating to build out the nationwide Biochar Atlas decision-support tool. A part of this tool helps end-users and conservation planners match biochar to soils, but to make this tool effective, ARS is looking for dozens of biochar samples to include.

Biochar producers can submit samples for this tool and will receive a free analysis of typical biochar properties including elemental analysis, proximate analysis, pH, salinity, particle size distribution, H:C ratio, and more. Biochar producers can [learn more here](#) or by reaching out to Rachel Baschieri (USDA ARS) at rachel.baschieri@usda.gov or +1 (541) 738-4168.

Coming in Spring 2025: USBI Biochar Industry Roundtable

Improving collaboration to support a growing industry

We're working on developing an industry roundtable series this Spring to improve collaboration with the biochar industry. We'll host separate virtual roundtables for different sectors of the industry to better understand the challenges and needs of each - producers, biochar product manufacturers, equipment manufacturers, financiers, and carbon markets. Our goal is to better support the growth of the biochar industry by developing actionable strategies, effective collaboration and communications, and industry messaging.

What topics would be most beneficial to you? If you're interested or have ideas to share, contact tina@biochar-us.org — we'd love your input and hope you'll join!

Industry Highlight

Solid Carbon, a leading US company in biochar concrete, selected for \$3M award

Using funds from the Department of Energy, [Solid Carbon](#) aims to develop, test, and scale up low global warming potential concrete enabled by the combination of three unique technologies.

While Solid Carbon already offers biochar-based fine aggregate replacement, this work will investigate pairing the biochar-based supplemental cementitious materials with a novel low-carbon belite-rich



Industrial Funding Selections

Developing Transformational Industrial Technologies to Increase America's Manufacturing Competitiveness

\$136
million

66
projects

30
states

U.S. Department of
ENERGY | Office of Energy Efficiency
& Renewable Energy
Industrial Efficiency & Decarbonization Office

calcium sulfoaluminate and super sulfated slag to create a low carbon concrete, meeting baseline performance within 10% while also reducing global warming potential by 80% compared to traditional concrete.

Scaling this technology could massively increase market demand for biochar, and could be a game changer for the biochar industry.

[Read More](#)

National Biochar Survey

Calling all farmers applying biochar or interested in biochar! American Farmland Trust (AFT) is conducting the first-ever national biochar survey to better understand who is applying biochar and why and where in the U.S., as well as challenges and successes.

Survey responses will inform AFT's work to provide a blueprint for supporting greater adoption of biochar use among farmers.

□ Open to your submissions through March 8, 2025.

[Share Your Ideas](#)

Biochar Events Calendar

Connect and collaborate at in-person or online events!

February 2025

February 5–6

[Bio360 Expo](#): The Biotransition Event focused on all things biomass. Connect with key players in the European and Global biochar industries.

Nantes, France

February 8–12 | USBI Session February 11, 4:00pm MST

[National Association of Conservation Districts Annual Meeting](#): Myles Gray (USBI) to present breakout session focused on biochar as a soil amendment alongside Kristin Trippe, PhD. (USDA ARS), the creator of the Biochar Atlas.

Salt Lake City, UT

February 13 | 10:00am EST

[Advancing CDR: From Start-Up to Scale-Up](#): Free webinar presented by Grain Ecosystem featuring Robert Hoglund (cdr.fyi, Milkywire) and Jason Dodier (Grain Ecosystem).
Virtual

February 28 | 11:59pm CST

Deadline to [submit your abstract](#) for the 2025 North American Biochar Conference.

March 2025

March 25–27 | USBI Panel March 25

[North American Carbon World](#): America's premier event on carbon markets and climate policy. Myles Gray (USBI) to lead a panel discussion: Scaling Biochar as a Carbon Removal Technology by Growing End-Use Market Demand.

Los Angeles, CA

April 2025

April 28–May 2

[DC Climate Week](#): providing opportunities to engage with policymakers, fund climate solutions, and showcase cutting-edge technologies.

Washington, DC

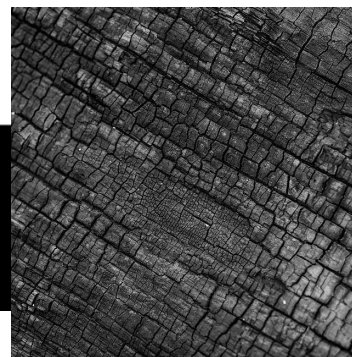
May 2025

May 20–21

[Carbon Unbound, East Coast](#): The Global Business Summit Accelerating Gigaton-Scale CDR.

New York, NY

Biochar Roundup



[Earth Foundries announces Slash Attack® mobile pyrolysis service in California's Lake County & Nevada County communities this winter](#)

The company is working to reduce hazardous fuel loads and prevent catastrophic wildfires, all while turning unmerchantable wood into high-quality, carbon-sequestering biochar — right on-site and at scale.

Need Biochar in Lake or Nevada Counties? Email Earth Foundries at biochar@earthfoundriesinc.com to learn more or secure your supply.

Interested in Slash Solutions? If you're in California and want to see how Slash Attack® can help manage slash effectively, reach out to SlashAttack@earthfoundriesinc.com.

Charm Industrial and Google sign second long-term carbon removal offtake agreement

Charm Industrial and Google have signed a second agreement for Charm Biochar carbon removals — one of the largest purchases of biochar-based carbon removals of all time. This offtake between Google and Charm totals 100,000 metric tons to be delivered through 2030, adding on to Google's previous offtake of Charm Bio-oil carbon removals facilitated by Frontier.

Charm Industrial puts carbon rich bio-oil made from corn stalks and forestry residues back into empty oil wells and produces Charm Biochar, removing carbon from the atmosphere while creating economic and ecosystem benefits for rural communities, especially forestry communities, oil workers, and farmers. Charm Biochar will also be distributed into agricultural settings to help improve soil fertility, crop yields, water retention, nutrient retention, and soil structure.

Stay connected!

[Visit Our Website](#)

USBI thanks the USDA Forest Service, Wood Innovation Program for continued support of its activities and publications. USDA is an equal opportunity provider, employer, and lender.

USBI is supported in part by The United States Endowment for Forestry and Communities, Inc. The Endowment is a not-for-profit corporation that works collaboratively with partners in the public and private sectors to advance systemic, transformative, and sustainable change for the health and vitality of the nation's working forests and forest-reliant communities.



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