



Don't Miss this Summer's Big Back-to-Back BETO Events! Register now for *Biomass 2013* and the Program Management Review

This summer, the Bioenergy Technologies Office (BETO) will be hosting their two flagship bioenergy events back-to-back from July 30–August 1, 2013, in downtown Washington D.C. Together, these events will provide a unique opportunity to learn about all of the projects in BETO's current portfolio, hear about new directions in DOE leadership, and participate in discussions about the latest trends and most important topics for the future of bioenergy.

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Program Management Review

BETO's Program Management Review will provide an opportunity for external reviewers to present the results of the spring Project Peer Review to the bioenergy stakeholder community. The Project Peer Review was held May 20–24, 2013, to provide an independent review of BETO's portfolio—223 projects across nine key technology areas, representing a total DOE investment of nearly \$1.5 billion. Senior BETO staff will also deliver presentations on key programmatic elements, including current strategic planning efforts and the development of funding opportunities. The Program Management Review is free and open to the public, but participants must register in advance.

Biomass 2013: How the Advanced Bioindustry is Reshaping American Energy

BETO's sixth annual conference will be the must-attend bioenergy event of the summer. Building on the success of past years, *Biomass 2013* will highlight industry success stories and feature discussions on new initiatives in sustainability, the role for natural gas, and military applications of bioenergy. Attendees will engage with policy makers and agency officials about the opportunities and challenges for the industry—all within a stone's throw of the Capitol and the White House. *Biomass 2013* is open to the public with a small registration fee, but space is limited so participants must register in advance.

Not convinced yet? Watch a [highlight video from Biomass 2012](#) to see what's in store for this year.

Don't wait to sign up for these exciting BETO events. Register today and take advantage of the [special hotel room rates](#) available to attendees. The special \$169/night rate expires on July 8.

Have Your Research Highlighted at the *Biomass 2013* Poster Session!

BETO invites researchers, academics, and students to have their research featured at the *Biomass 2013* conference. This year's event is reprising the successful inaugural Poster Session with a dedicated room featuring some of the latest and greatest bioenergy research being done today.

All are invited to apply for the Poster Session by submitting an abstract to [Kolette Kern](#). All abstract submissions are due no later than **Friday, June 28** (deadline extended), and should include the following information:

- Name(s) of author(s) and affiliations
- Title of the proposed poster
- Abstract describing the proposed poster and research focus (should not exceed 300 words)
- Resume for the principal author(s).

If your abstract is accepted, you will be notified and asked to submit a full poster. Selected posters will convey the research methodology, originality of approach, research outcomes, and potential for scientific impact on the development of advanced feedstocks, biofuels, bio-based products and other related issues.

Attending *tcbiomass2013*? Register for BETO's Follow-Up GBTL Workshop too.

The Bioenergy Technologies Office, in coordination with the Office of Fossil Energy and the National Energy Technology Laboratory, is hosting a workshop on September 3, 2013, on Natural Gas-Biomass to Liquids (GBTL) research needs and technology options. The Workshop's objective is to obtain input from industry, academia, research establishments, and other experts on the Energy Department's role in conducting research and development on GBTL process technologies and will focus on two main topics: Technical Barriers and Greenhouse Gas Emissions/ Resource Potential.

The workshop is free and open to all. For more details about the event, including how to register, please visit the [GBTL Workshop Web page](#).

tcbiomass2013

In coordination with the GBTL Workshop, BETO is co-sponsoring [tcbiomass2013](#) at the Sheraton Chicago Hotel & Towers situated in the heart of downtown Chicago, Illinois, on 3–6 September 2013. The Third International Conference on Thermochemical Biomass Conversion Science—*tcbiomass2013*—will bring together the world's leading experts in biomass gasification, pretreatment, pyrolysis, and upgrading to explore progress in the field of bioenergy. Participants attending *tcbiomass2013* will be at the center of international collaboration, hearing the latest research, development, and deployment results for thermal biomass conversion technologies and systems.

For more information, and to register, please visit the [tcbiomass203](#) website.

New Featured Bioenergy Publication

Earlier this month, researchers from Los Alamos National Laboratory published a paper titled “Increased enzyme binding to substrate is not necessary for more efficient cellulose hydrolysis” in *Proceedings of the National Academy of Sciences in the United States of America (PNAS)*. To learn more, please see the [full text](#) of the article.

BioBlogs

In June, the [Bioenergy Technologies Office Blog](#) featured plans for the *Biomass 2013* conference, which will take place on July 31–August 1, 2013. BETO’s sixth annual conference will emphasize sustainability throughout its sessions and cover cutting-edge topics such as the potential relationship between biomass and natural gas, synthetic biology, and the partnership between the Energy Department and the military in advancing the use of renewable fuels.

To learn more about *Biomass 2013: How the Advanced Bioindustry is Reshaping American Energy*, check out the [BETO blog](#) or visit the [Biomass 2013 Web page](#).

Past and Upcoming Events with Bioenergy Office Representation

- [2013 BETO Project Peer Review](#); May 20–23, 2013; Various Staff; Alexandria, Virginia
- [2013 International Energy Agency Bioenergy ExCo](#); May 21–24, 2013; Paul Grabowski; Cape Town, South Africa
- [Global Bioenergy Partnership 4th Working Group on Capacity Building](#); May 29–30, 2013; Kristen Johnson; Berlin, Germany
- [Renewable Low-Cost Carbon Fiber for Lightweight Vehicles Workshop](#); June 4–5, 2013; Joyce Yang; Detroit, Michigan
- [GTL North America](#); June 4–6, 2013; Kevin Craig; Houston, Texas
- [3rd International Conference on Algal Biomass, Biofuels, and Bioproducts](#); June 16–19, 2013; Dan Fishman; Toronto, Canada
- [2013 Biotechnology Industry Organization \(BIO\) World Congress on Industrial Biotechnology](#); June 16–19, 2013; Joyce Yang and Barbara Twigg; Montreal, Canada
- [American Society of Agricultural and Biological Engineers \(ASABE\) 2013 Annual International Meeting](#); July 21–24; Sam Tagore; Kansas City, Missouri
- [Biomass 2013](#); July 31–August 1, 2013; Various Staff; Washington, D.C.
- [Natural Gas-Biomass to Liquids Workshop](#); September 3, 2013; Zia Haq and Prasad Gupte; Chicago, Illinois
- [tcbiomass2013](#); September 3–6, 2013; Zia Haq and Paul Grabowski; Chicago, Illinois

Upcoming Industry Events

- [Avant EE: Innovations Reshaping the Energy Efficiency Market](#); June 29, 2013;

San Francisco, California

- [ASABE Annual International Meeting](#); July 21–24, 2013; Kansas City, Missouri
- [2013 Pellet Fuels Institute Annual Conference](#); July 28–30, 2013; Asheville, North Carolina

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