

## Biomass Program



# Biomass Program Monthly News Blast

## **Argonne National Laboratory releases new version of GREET Model**

With support from the Biomass Program, as well as other DOE programs, including the Vehicle Technologies, Fuel Cell Technologies, and Geothermal Technologies programs, Argonne National Laboratory (ANL) has completed and released a new version of the Greenhouse Gases, Regulated Emissions and Energy Use in Transportation (GREET) Model. The new model, GREET1\_2011 features many new expansions and updates, including new algae pathways to produce biofuels, new pathways for renewable gasoline and diesel production from pyrolysis of cellulosic biomass, and new options to account for energy uses and emissions associated with the construction of petroleum and natural gas wells and coal mines. To learn more about GREET1\_2011 and get the free download visit [ANL's GREET website](#).

## **Watch Video Highlights from the Biomass Program's Biomass 2011 Conference on the Biomass 2011 Multimedia Web Page**

Watch video highlights from Biomass 2011 on the [Biomass Program website](#). The video clips include key remarks from the conference's featured speakers, including Energy Secretary Steven Chu, Agriculture Secretary Tom Vilsack, Navy Assistant Secretary (Energy, Installations and Environment) Jackalyne Pfannenstiel, U.S. Senator Amy Klobuchar (D-MN), and musician, author, and environmental activist Chuck Leavell. The available videos also include footage of Biomass Program Manager Paul Bryan's tour through Biomass 2011's Interactive Exhibit Hall.

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## Recently Released Report

This month, the Program released the ["Land-Use Change and Bioenergy" summary report](#). This publication describes the Biomass Program's efforts to examine the intersection of land-use change and bioenergy production. It outlines legislation requiring land-use change assessments, key data and modeling challenges, and the research needs to better assess and understand the impact of bioenergy policy on land use. This summary was prepared in July 2011 by the U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy, Biomass Program. It was informed by the "Land-Use Change and Bioenergy: Report from the 2009 Workshop," available online on [ORNL's website](#).

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## Past and Upcoming Events with Biomass Program Representation

- Renewable and Sustainable Energy Initiative Seminar, October 11, 2011, Paul Bryan, Boulder, Colorado
  - Northeast Biomass Conference and Tradeshow, October 11–13, 2011, John Ferrell, Pittsburgh, Pennsylvania
  - 2011 AIChE Annual Meeting, October 16–21, 2011, Brian Duff, Minneapolis, Minnesota
  - College of Chemistry Advisory Board Meeting, October 23–24, 2011, Paul Bryan, Berkeley, California
  - Algae Biomass Summit, October 24–27, 2011, Joyce Yang, Minneapolis, Minnesota
  - Alternative Energy for Defense Conference, October 25–26, 2011, Zia Haq, Washington, D.C.
  - Platts Sixth Annual Next-Generation Biofuels, October 31–November 1, 2011, Neil Rossmeissl, Chicago, Illinois
  - Society of American Foresters, November 2–4, 2011, Barbara Twigg, Honolulu, Hawaii
  - Biomass R&D Technical Advisory Committee Meeting, November 8–9, 2011, Elliott Levine, Washington, D.C.
  - Advanced Biofuels Markets, November 8–10, 2011, Paul Bryan, San Francisco, California
  - Commercial Aviation Alternative Fuels Initiative General Meeting, November 30–December 1, 2011, Zia Haq, Washington, D.C.
  - Biomass Conversion Workshop, December 6–9, 2011, Conversion Platform Staff, Washington, D.C.
  - Biomass R&D Board Meeting, December 14, 2011, John Ferrell, Washington, D.C.
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## **New Bio-Blogs**

- [Amber Waves of... Switchgrass? How about Sorghum?](#), Matthew Loveless, October 28, 2011
- [The How's and Why's of Replacing the Whole Barrel](#), Paul Bryan, October 19, 2011
- [The Faces of Energy: Richard Kauffman's Journey From The Oil Crisis to Clean Tech](#), Karissa Marcum, September 22, 2011
- [Green Racing Marks Its 25th Competition](#), Lee Slezak, September 13, 2011

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