

Biofuels for Aviation Summit
The DoubleTree Hotel Crystal City
Arlington, VA
September 1-2, 2009
AGENDA
as of 08/26/09

September 1st

7:30 am - 8:30 am **Registration/Continental Breakfast**

8:30 am - 8:40 am **Welcome and Administrative Remarks**
[Mr. Bill Harrison](#), AFRL

8:40 am - 10:10 am **Plenary Session**
[Mr. Michael McGhee](#), Acting Deputy Assistant Secretary of the Air Force for Energy, Environment, Safety and Occupational Health (EESOH)
[Mr. Jacques Beaudry-Losique](#), Deputy Assistant Secretary for Renewable Energy, U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy
[Mr. John Heimlich](#), Vice President and Chief Economist, Air Transport Association

10:10 a.m. – 10:30 a.m. **Break**

10:30 am - 12:00 noon **Breakout Session I - Carbon and Greenhouse Gases**

CARBON AND GREENHOUSE GASES				
<p style="text-align: center;">FEEDSTOCKS AVAILABILITY SESSION QUESTIONS</p> <p>Moderator: Dr. Ken Cassman, <i>University of Nebraska</i></p> <p style="text-align: center;">Panelists</p> <p>Dr. David Bransby, <i>Energy Crops Research, Auburn University</i> Dr. Michael Wang, <i>Argonne National Laboratory</i> Dr. Kurt Thelen, <i>Crop and Soil Science, Michigan State University</i></p>	<p style="text-align: center;">FEEDSTOCKS LOGISTICS SESSION QUESTIONS</p> <p>Moderator: Dr. Bob Fireovid, <i>National Program Leader, Bioenergy, USDA/ARS</i></p> <p style="text-align: center;">Panelists</p> <p>Dr. Tom Richard, <i>Director, Penn State Institutes of Energy and the Environment</i> Dr. Leon Schumacher, <i>Professor, Agricultural Systems Management, University of Missouri</i> Dr. John Cundiff, <i>Professor, Biological Systems Engineering, Virginia Tech</i></p>	<p style="text-align: center;">PROCESSING OR CONVERSION SESSION QUESTIONS</p> <p>Moderator: Dr. Robert Brown, <i>Iowa State University</i></p> <p style="text-align: center;">Panelists</p> <p>Paul Grabowski, <i>DOE Thermochemical Conversion Technology Manager</i> Dr. Bryan Willson, <i>Professor & Director, Colorado State University Clean Energy Supercluster</i> Dr. Pratap Pullammanappallil, <i>Assistant Professor, Agricultural and Biological Engineering, University of Florida</i></p>	<p style="text-align: center;">DEPLOYMENT SESSION QUESTIONS</p> <p>Moderator: Mr. John Ferrell, <i>US Department of Energy</i></p> <p style="text-align: center;">Panelists</p> <p>Dr. Ray Knighton, <i>National Program Leaders, Natural Resources and Environment, USDA/CSREES</i> Ms. Donna Perla, <i>Chief, Waste Minimization, EPA</i> Dr. James Doolittle, <i>North Central Regional Sun Grant Initiative, South Dakota State University</i></p>	<p style="text-align: center;">ECONOMICS & POLICY SESSION QUESTIONS</p> <p>Moderator: Dr. Harry Baumes, <i>Associate Director, USDA Office of Energy Policy & New Uses</i></p> <p style="text-align: center;">Panelists</p> <p>Dr. John Sheehan, <i>Program Director, Institute on the Environment, University of Minnesota</i> Dr. Brent Gloy, <i>Associate Professor, Agricultural Finance & Agribusiness Management, Cornell</i> Mr. Zia Haq, <i>Analysis, OBP, U.S. Department of Energy</i></p>

12:00 noon - 1:30 pm **Luncheon / Speaker - [Mr. Patrick Dulin](#)**, Executive Director, Defense Energy Support Center (DESC), Future Requirements and Feasibility

1:30 pm - 3:00 pm..... Breakout Session II - Sustainability

SUSTAINABILITY				
<p>FEEDSTOCKS AVAILABILITY <u>SESSION QUESTIONS</u> Moderator: Dr. Ken Cassman, University of Nebraska</p> <p>Panelists Dr. Joseph Burton, Research Leader ARS/USDA Dr. Burt English, Professor and Research Coordinator, Agricultural Economics, University of Tennessee Knoxville Dr. Iihami Yildiz, Professor, Energy for Sustainable Society, California Polytechnic State University, San Luis Obispo</p>	<p>FEEDSTOCKS LOGISTICS <u>SESSION QUESTIONS</u> Moderator: Dr. Bob Fireovid, National Program Leader, Bioenergy, USDA/ARS</p> <p>Panelists Dr. Bryce Stokes, Navarro, DOE Contractor Dr. Kevin Shinnors, Professor, Agricultural & Biological Systems Engineering, University of Wisconsin Dr. Jon Van Gerpen, Professor, Biological & Agricultural Engineering, University of Idaho</p>	<p>PROCESSING OR CONVERSION <u>SESSION QUESTIONS</u> Moderator: Dr. Robert Brown, Iowa State University</p> <p>Panelists Dr. Kwesi Boateng, Lead Scientist, USDA/ARS Dr. Troy Runge, Director, Wisconsin Biotechnology Institute Dr. Stan Bull, Vice President, Strategic Energy Analysis & Applications Center, NREL</p>	<p>DEPLOYMENT <u>SESSION QUESTIONS</u> Moderator: Mr. John Ferrell, U.S. Department of Energy</p> <p>Panelists Mr. Larry Russo, U.S. Department of Energy Dr. John Gardner, Vice President for Economic Development & Global Engagement, Washington State University Dr. Robin Shepard, Executive Director, North Central Cooperative Extension Association (NCCEA)</p>	<p>ECONOMICS AND POLICY <u>SESSION QUESTIONS</u> Moderator: Dr. Harry Baumes, Associate Director, USDA Office of Energy Policy and New Uses</p> <p>Panelists Dr. William Meyers, Professor, Agriculture Economics, University of Missouri, and Co-Director, FAPRI Dr. Neil Conklin, President, The Farm Foundation Dr. Gregory Graff, Assistant Professor, Department of Agricultural and Resource Economics, Colorado State University</p>

3:00 pm - 3:30 pm..... Break

3:30 pm - 5:00 pm..... Breakout Session III – Food vs. Fuel

FOOD VS. FUEL				
<p>FEEDSTOCKS AVAILABILITY <u>SESSION QUESTIONS</u> Moderator: Dr. Ken Cassman, University of Nebraska</p> <p>Panelists Dr. Michael Bomford, Research Scientist, Kentucky State University Sharon Shoemaker, Executive Director of the California Institute of Food & Agricultural Research, University of California, Davis Dr. Goro Uehara, Professor of Soil Science, Department of Tropical Plant and Soil Sciences</p>	<p>FEEDSTOCKS LOGISTICS <u>SESSION QUESTIONS</u> Moderator: Dr. Bob Fireovid, National Program Leader, Bioenergy, USDA/ARS</p> <p>Panelists Dr. Stephen Searcy, Professor, Biological and Agricultural Engineering, Texas A&M University AgriLife Dr. Terry Isbell, Research Leader, USDA/ARS Mr. Sam Tagore, DOE Dr. Timothy Rials, Director of Tennessee Forest Products Center, Department of Forestry, Wildlife and Fisheries, University of Tennessee</p>	<p>PROCESSING OR CONVERSION <u>SESSION QUESTIONS</u> Moderator: Dr. Robert Brown, Iowa State University</p> <p>Panelists Dr. Jennifer Holmgren, UOP Honeywell Dr. Bruce Dale, CEMS, Editor in Chief: Biofuels, Bioproducts & Biorefining, Associate Director: Office of Biobased Technologies, Michigan State University Dr. Hans Blaschek, Professor of Food Microbiology & Assistant Dean, College of Agricultural, Consumer & Environmental Sciences, University of Illinois</p>	<p>DEPLOYMENT <u>SESSION QUESTIONS</u> Moderator: Mr. John Ferrell, U.S. Department of Energy</p> <p>Panelists Dr. James Trapp, Associate Director of Extension, Oklahoma State University Dr. Craig Kvien, Professor, Crop Physiology and Management, University of Georgia Mr. Thomas C. Dorr, CEO & President, Thomas C. Dorr & Associates</p>	<p>ECONOMICS AND POLICY <u>SESSION QUESTIONS</u> Moderator: Dr. Harry Baumes, Associate Director, USDA Office of Energy Policy and New Uses</p> <p>Panelists Dr. Joe Outlaw, Professor and Extension Economist in the Department of Agricultural Economics, Texas A&M University Dr. Wally Tyner, Energy Economist, Department of Agricultural Economics, Purdue University Dr. Larry Leistritz, Professor of Agricultural Economics, North Dakota State University</p>

5:00 pm - 6:30 pm Networking

(Moderators and recorders will meet during the evening to prepare remarks for the opening session in the morning of the 2nd)

September 2nd

7:30 am – 8:00 am **Registration/Continental Breakfast**

8:00 am - 10:00 am **Day One Track Reports** – by Moderators

10:00 am - 10:30 am **Break**

10:30 am - 12:00 **Breakout Tracks USDA Region Sessions (four sessions)**

12:00 - 1:30 pm **Luncheon / Speaker - [Dr. Gale Buchanan](#)**, Former USDA Chief Scientist and Under Secretary for Research, Education and Economics, and Dean and Director Emeritus, College of Agricultural and Environmental Sciences, University of Georgia, *The Way Forward*

1:30 pm - 3:00 pm **USDA Region Track Reports/Discussion**

3:00 pm – 3:30 pm **Closing Remarks/Adjourn**

USDA Regions and Biofuel Supply and Demand	
#1 - Western Region	<p>Dr. Mike Harrington, Executive Director, Western Association of Agricultural Experiment Station Directors</p> <p>Dr. Bruno Miller, Regional Manager for Fuel, Delta Airlines</p> <p>Alaska, American Samoa, Arizona, California, Colorado, Guam, Hawaii, Idaho, Micronesia, Montana, Nevada, New Mexico, N. Mariana Islands, Oregon, Utah, Washington, Wyoming</p>
#2 - North Central Region	<p>Dr. Arlen Leholm, Executive Director, North Central Association of Agricultural Experiment Station Directors</p> <p>Mr. Richard Altman, Executive Director, Commercial Aviation Alternative Fuels Initiative</p> <p>Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, Wisconsin</p>
#3 - Southern Region	<p>Dr. Eric Young, Executive Director, Southern Association of Agricultural Experiment Station Directors</p> <p>Dr. Carolyn Brooks, Executive Director, Association of Research Directors</p> <p>Mr. Joel Murdock, Managing Director, FedEx Air Operations</p> <p>Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, Oklahoma, Puerto Rico, South Carolina, Tennessee, Texas, Virgin Islands, Virginia</p>
#4 - Northeast Region	<p>Dr. Dan Rossi, Executive Director, Northeast Association of Agricultural Experiment Station Directors</p> <p>Mr. Don Schenk, President, ACA Associates, Inc.</p> <p>Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, West Virginia</p>
Roving Environmental Consultant	Mr. Tim Pohle , CAAFI

Graphic Presentation of the Four USDA Regions (excluding Alaska, Hawaii, and Pacific Territories)

