

Sustainable Biofuels and Human Security
Workshop, May 12-13, 2008
ACES Library Monsanto and Heritage Rooms
Program

Sponsored by Energy Biosciences Institute (EBI) and Renewable Fuels Agency (RFA)

Organized by: Illinois: Gale Summerfield, (WGGP/HCD); Jürgen Scheffran, (ACDIS/CABER/IGB); and Madhu Khanna (ACE/IGB); Berkeley: David Zilberman (ARE)

With Support from: Women and Gender in Global Perspectives Program (WGGP); Center for Advanced BioEnergy Research (CABER); Program in Arms Control, Disarmament, and International Security (ACDIS); College of Agricultural, Consumer and Environmental Sciences (ACES); European Union Center (EUC); Human and Community Development (HCD); Agricultural and Consumer Economics (ACE); and International Programs and Studies (IPS).

Monday, May 12

8:45-10:30, Monsanto Room Introductions and opening presentations

Moderator: Gale Summerfield, Illinois

Welcome: Robert Easter, Dean, ACES/Illinois

Introduction: Stephen P. Long, EBI/Illinois

Aaron Berry, RFA: *RFA Review into the Indirect Impacts of Biofuels: Objectives and Purpose*

Keith Wiebe, FAO: *Biofuels: Implications for Natural Resources and Food Security in Developing Countries*

Jürgen Scheffran, Illinois: *Integrating Sustainability and Human Security into Bioenergy Futures*

10:45-1:00, Monsanto Room Drivers of Direct and Indirect Land-use Changes and their GHG Implications

Madhu Khanna, Illinois: *Economics of Biofuel Production: Implications for Land Use and Greenhouse Gas Emissions*

Amani E Eloheid, Iowa State University: *The Global Impact of Biofuel Expansion: Accounting for Greenhouse Gas Emissions from Land Use Changes, Part I*

Tim Searchinger, Princeton: *The Global Impact of Biofuel Expansion: Accounting for Greenhouse Gas Emissions from Land Use Changes, Part II*

Bruce Babcock, Iowa State University: *The Economics of Land Use Changes from Biofuels Expansion*

1-2 LUNCH on your own

2:00-4:00, Heritage Room Economics of Biofuels and Food Insecurity Concerns

David Zilberman, UC Berkeley: *Income Distribution Implications of Biofuels*

Siwa Msangi, IFPRI: *Biofuels and the Global Food Economy: Balancing Growth with Human Wellbeing*

David Roland-Holst, UC Berkeley: *Food and Fuel Security from an Emerging Market Perspective: Tectonic Demand Shifts and Market Tremors*

Ben Senauer, University of Minnesota: *The Impact of Biofuels on Global Food Markets*

4:15-5:30, Heritage Room US Policy and Impacts on Land Use

Harry de Gorter, Cornell University: *Welfare Economics of Biofuel Policies*

Tom Hertel, Purdue: *The Indirect Land Use Impacts of U.S. Biofuel Policies: The Importance of Acreage, Yield, and Bilateral Trade Responses*

Wally Tyner, Purdue: *Biofuels for All? Understanding the Global Impacts of Multinational Mandates*

Tuesday, May 13,

8:30-10:30, Heritage Room Biofuels and the Environment

Kristiina Vogt, Univ. of Washington: *Facts and Myths of a Sustainable Carbon Society*

Deepak Rajagopal, UC Berkeley: *Life Cycle Analysis: What Biofuels Mean to the Environment*

Bruce McCarl, Texas A&M: *Biofuels and Greenhouse Gases: Economics of Offsets and Leakage*

Cliff Singer and Hadi Esfahani, Illinois: *Biofuels: What Are We After?*

Vincent Camobreco EPA: *EPA Biofuel Life Cycle GHG Analysis for the Energy Independence and Security Act*

10:45-12:00 Alternative Energy, Human Security and Social Impacts

Irene Tinker, UC Berkeley: *From Biomass to Biofuels, From Cookstoves to Cars: Impacts on the World's Poor*

Richenda van Leeuwen, Good Energies: *Renewables, Gender and Society*

Russ deLucia, S3IDF: *The Need for Explicitly Pro-poor Business Models for Sustainable Bio-Energy Development*

Gale Summerfield, Illinois: *Engendering the Biofuels Debate*

End of Workshop