

Concurrent Roundtable 1

Bioenergy Development, Climate Change Mitigation, and Energy Security

Chairs:

Jianbang Gan, Associate Professor, Department of Ecosystem Science Management, Texas A&M University

Bruce McCarl, Regents Professor, Department of Agricultural Economics, Texas A&M University

Jiang Kejun, Senior Scientist, Energy Research Institute, National Development and Reform Commission

Wednesday, October 24, 2007

8:00 a.m. Joint Session for Research Roundtable Participants

Grand Ballroom, Ballroom Level, J.W. Marriott

9:00 a.m. Welcome and Introduction

Parkview Room, Hotel Washington

Bruce McCarl, Regents Professor, Department of Agricultural Economics, Texas A&M University

Jianbang Gan, Associate Professor, Department of Ecosystem Science and Management, Texas A&M University

9:10 a.m. Opening Remarks

Edward Lazear, Chairman, Council of Economic Advisers

9:30 a.m. Break

10:00 a.m. Policies, Legislation and Background for Biofuels

[The Renewable Fuels Standard](#)

Michael Shelby, United States Environmental Protection Agency

[Policy Design for Mid-term and Long-term Energy Tax and Carbon Tax](#)

Jiang Kejun, Senior Scientist, Energy Research Institute, National Development and Reform Commission

11:00 a.m. Green-House Gases and Biofuels

[Climate Change Mitigation](#)

Francisco De la Chesnaye, United States Environmental Protection Agency

[Bioenergy in a U.S. Climate Change Mitigation Portfolio: Opportunities and Tradeoffs](#)

Brian Murray, Director, Economic Analysis, Nicholas Institute for Environmental Policy Solutions, Duke University

12:15 p.m. Keynote Address and Lunch

Grand Ballroom, Ballroom Level, J.W. Marriott

1:30 p.m. Forests and Biofuels

Parkview Room, Hotel Washington

[Wood to Energy: An Opportunity](#)

Bryce Stokes, Forest Service, United States Department of Agriculture

[China's Forestry for Bioenergy](#)

Yaoqi Zhang, Auburn University

[Using Forest Biomass for Electricity Production: Economic and Environmental Perspectives](#)

Jianbang Gan, Associate Professor Department of Forest Science, Texas A&M University

2:45 p.m. Break

[3:15 p.m. Biofuels Raised in the Greenhouse – Liquid Fuels](#)

Bruce McCarl, Regents Professor, Department of Agricultural Economics, Texas A&M University

[Land-Based Mitigation Options in a Comprehensive Greenhouse Gas Strategy](#)

Ronald Sands, Joint Climate Change Institute, Pacific Northwest National Laboratory and University of Maryland

[Cost Effective Approaches to Achieve Both Climate Change Mitigation and Energy Security](#)

Clayton Ogg, United States Environmental Protection Agency

4:30 p.m. Wrap-up of Research Roundtable Day 1

Bruce McCarl, Regents Professor, Department of Agricultural Economics, Texas A&M University

Thursday, October 25, 2007

Joint session with Electric Energy for the 21st Century: the China-US Research and Development Needs Justice Room, Meeting Room Level, J.W. Marriott

9:00 a.m. Distributed Generation and Load Efficiency

[Emerging Issues and Opportunities for Demand Response in Grid Operations](#)

Carl Imhoff, Manager, Pacific Northwest National Labs

[Status of IEEE Standard 1547 for Interconnection of Distributed Generation with the Electric Grid](#)

Dick DeBlasio, Technology Manager, Distributed Energy and Electric Reliability Program, National Renewable Energy Laboratory

[Will Biofuels Make Economic Sense: an Economic and Greenhouse Gas Based Investigation](#)

Bruce McCarl, Professor, Texas A&M University

[Optimal Power Dispatch for Economizing Energy and Reducing Pollution with Priority Renewable Energy Generator](#)

Liu Tianqi, Professor, Sichuan University

10:15 a.m. Break

Foyer, Ballroom Level

10:45 a.m. Alternative Generation and Environmental Impacts

[The Global Nuclear Energy Partnership—The U.S. Long-Term Nuclear Research and Development Program](#)

[Warren Miller](#), Professor, Texas A&M University

[Impacts of High Penetration of Plug-in Hybrid Electric Vehicles, Both for the Utility and the Environment](#)

[Eric Lightner](#), Program Manager, United States Department of Energy

Policy Design for Mid-term and Long-term Energy Tax and Carbon Tax

Jiang Kejun, Senior Scientist, Energy Research Institute, National Development and Reform Commission

[Using Forest Biomass for Electricity Production: Economic and Environmental Perspectives](#)

[Jianbang Gan](#), Associate Professor, Texas A&M University

12:00 p.m. Luncheon

Grand Ballroom, Ballroom Level