



U.S. BIOFUELS POLICY: PROGRESS AND CHALLENGES
WORKSHOP

Date: August 20, 2008
Time: 9:00 am – 4:30 pm
Location: Baker Hall, Rice University

SESSION I. ENVIRONMENTAL IMPACTS OF BIOFUELS

Overview: Problems with Corn-Ethanol

- 9:00 am **Groundwater Issues** (*Rice Research*)
Dr. Pedro Alvarez
Department Chair, George R. Brown Professor of Engineering
Dept. of Civil & Environmental Engineering, Rice University
- 9:20 am **Water Use Issues** (*Rice Research*)
Rosa Dominguez
Baker Institute Graduate Fellow
Dept. of Civil & Environmental Engineering, Rice University
- 9:40 am **International Environmental Issues**
Prof. Alexander J.B. Zehnder
President of the Board, Swiss Federal Institutes of Technology
- 10:00 am **Air Quality and GHG Emissions** (*Rice Research*)
Marcelo Dias De Oliveira
Graduate Research Fellow
Dept. of Civil & Environmental Engineering, Rice University
- 10:20 am **Water Quality & Environmental Issues: Mississippi Delta**
Dr. Susan E. Powers
Professor and Associate Dean for Research & Graduate Studies, Clarkson University
- 10:40 am **Question & Answer**
- 11:00 am **Coffee Break**

SESSION II. ETHANOL IMPORT POTENTIAL

Current Trends: Market Overview

11:20 am **Longer-Term Potential: Caribbean, Central America & South America**

(Rice Research)

Dr. Ron Soligo

Baker Institute Rice Scholar and Professor of Economics, Rice University

11:40 am **Renewable Fuel Distribution Infrastructure: Challenges and Procedure**

John Mahon

Director, Business Development, Renewable Fuels, Kinder-Morgan Terminals

12:15 pm **Lunch**

SESSION III. THE LOGISTICS OF EXPANDING U.S. BIOFUELS USE

2:00 pm **Vehicle Certification: E10 or Beyond?**

Coleman Jones

Biofuels Implementation Manager, GM

2:20 pm **Feasibility of E20 Blends By Volume as Motor Fuel**

Darrick Zarling

Scientist, Mechanical Engineering, University of Minnesota

2:40 pm **Beyond E10: Transportation & Other Challenges**

Larry Kumins

Vice President, Research & Analysis, Energy Policy Research Foundation, Inc

3:00 pm **Market Interruptions & Trading: Droughts, Floods & Other Market Issues**

Joe Harroun

Advanced Trading Inc.

3:20 pm **Question & Answer**

SESSION IV. LONG-TERM CLIMATE AND SUSTAINABILITY CHALLENGES TO EXPANDING BIOFUELS USE IN THE UNITED STATES

4:00 pm **Outlook for Drought Conditions: The U.S. Midwest**

Robert Harriss

President and CEO, Houston Advanced Research Center (HARC)

CLOSING DISCUSSION