

Energy and Resources Group Fall 2007 Colloquium Series (ER295)

October 31, 2007



Alex Farrell

Associate Professor
Energy and Resources Group

Biofuels in the 21st Century

110 Barrows Hall / 4:00 p.m.

The biofuel industry has grown rapidly over the last several years but its future is unclear - Will it continue to grow? What are the environmental and social implications of today's biofuel industry, and what will shape the industry in the 21st century? This talk will address these issues and provide some insights into how changes in technologies for and social expectations about biofuels will affect the course of the industry. Greenhouse gas emissions and climate change policies will be a focus of the talk, especially the low carbon fuel standard.

Alex Farrell is an Associate Professor in the Energy and Resources Group at the University of California at Berkeley and Director of the Transportation Sustainability Research Center. He has a degree in Systems Engineering from the U.S. Naval Academy, worked as an engineer in the Navy and in private industry. Alex received his Ph.D. in Energy Management and Policy from the University of Pennsylvania. For the last decade Alex has conducted research on energy and environmental policy and has published over two dozen peer-reviewed papers on these topics in journals such as Science, Environmental Science & Technology, and Energy Policy. Alex was co-director of two studies for the state of California: Managing Greenhouse Gases In California, and A Low Carbon Fuel Standard for California. Alex has served on advisory committees for the National Academy of Engineering, the National Science Foundation, and has consulted for various public and private organizations. Alex is currently on the Steering Committee for the International Roundtable on Sustainable Biofuels and the GHG Emissions Working Group of the Global Bio-Energy Partnership.