

SESSION 2

Economics & Financial Management Group; Energy & Environmental Issues Group; and Timber Production & Harvesting Group (Joint) – Theme: Economics, Supply, Conversion to Energy, and Environmental Impacts

Biomass to Heat or Electrical Energy

Information on biomass quality, rate of production, delivery production and cost are required to rationally plan future biorefineries and biomass electrical generation facilities. Knowledge of the contribution of these activities to carbon mitigation is a planning requirement.

Session Moderator: Ken Skog, USDA Forest Products Laboratory

Improving Woody Biomass Feedstock Logistics by Reducing Ash and Moisture Content

Jason Cutshall, presented by Dale Greene, Graduate Research Assistant, The University of Georgia; Jason Cutshall, Graduate Research Assistant, University of Georgia; Cory Dukes, Graduate Research Assistant, University of Georgia; Dale Greene, Professor, University of Georgia; Shawn Baker, Research Professional, University of Georgia; Dana Mitchell, Research Engineer, USFS Southern Research Station

An integrated economic assessment of cofiring woody biomass residues from forest restoration treatments on the Uncompahgre Plateau, Colorado

Nathaniel Anderson, Research Forester, USDA Forest Service, RMRS

J. Greg Jones, Research Forester, USDA Forest Service, Rocky Mountain Research Station; Woodam Chung, Associate Professor, University of Montana; John Hogland, Biological Scientist, USDA Forest Service, Rocky Mountain Research Station; Dan Loeffler, Research Associate, University of Montana; Edward Butler, Research Associate, University of Montana

Analyzing Log and Chip Truck Performances in the Upper Peninsula of Michigan by Using GPS Tools Combined with Daily Log Sheets

Elizabeth Ogard, President, Prime Focus LLC; Pasi Lautala, Research Assistant Professor, Civil and Environmental Engineering, Director, Rail Transportation Program, Michigan Tech Transportation Institute; Hamed Pouryousef, PhD Candidate, Civil and Environmental Engineering; Richard Stewart, Director, Transportation and Logistics Research Center) Professor, Department of Business and Economics, Erlanson 5, University of Wisconsin-Superior; Libby Ogard, President, Prime Focus LLC; Janne Vartiainen, Undergraduate Research Assistant, Rail Transportation Program, Michigan Tech. University

Wood Energy Carbon Accounting – Beyond Carbon Neutrality

Ken Skog, Project Leader, USDA Forest Service, Forest Products Laboratory

Energy Production Options for Eucalyptus grandis Cultivars in Florida

Donald L Rockwood, Professor Emeritus, University of Florida; Lo Ingram, Director, Florida Center for Renewable Chemicals and Fuels, University of Florida; JY Zhu, Research General Engineer, USDA Forest Service Forest Products Lab