

## SPEAKER BIOS

---

### **Stephen R. Kaffka, UC Davis**

Stephen Kaffka is Director of the California Biomass Collaborative and extension specialist in the Department of Plant Sciences at the University of California, Davis. He is chair of the BioEnergy Work Group for the University of California's Division of Agriculture and Natural Resources. He participates on several advisory committees for the California Energy Commission and California Air Resources Board, including *ex officio* member of the Bioenergy Interagency Work Group. From 2003 to 2007 he was director of the Long Term Research on Agricultural Systems Project. As director he led the development of current and new projects focusing on sustainable agriculture. His commodity assignments include sugar and oilseed crops. Since coming to U.C. Davis in 1992, he has also carried out research on water quality and agriculture in the Upper Klamath Basin, and the reuse of saline drainage water for crop, forage, energy biomass feed stocks and livestock production in salt affected areas of the San Joaquin Valley. He has received meritorious service awards from the American Society of Sugar Beet Technologists and the Soil and Water Conservation Society, is past president of the California chapter of the American Society of Agronomy, and past section leader for American Society of Agronomy's division on environmental quality. He has MS and Ph.D. degrees from Cornell University in agronomy and a B.S. from the University of California at Santa Cruz in biology.

---

### **Mike Singer, UC Davis**

Born in New York City; undergraduate degree in Agronomy from Cornell University, MS and Ph.D. in soil science from the University of Minnesota and post doctoral position at the University of Washington, College of Forest Resources. I had a thirty-six year career at the University of California, Davis before retiring in July 2009. I taught introduction to soil science, soil management, soil conservation, soil taxonomy, California geography and a summer field course in soil science and did research in soil genesis and soil management

---

### **Richard Nelson, Kansas State University**

Dr. Nelson has over 13 years experience in biomass research, performing a number of biomass resource assessments at a county, regional, state, and national basis for agricultural crop residues and herbaceous energy crops. His research focuses on environmental and sustainability aspects of biomass resource production and collection including impacts of residue removal on soil erosion and on water quality at a watershed level. He has conducted research for, and received funding from, several federal, state, and private sources including DOE, EPA, Kansas Electric Utilities Research Program, Western Area

## **SPEAKER BIOS**

Power administration, Electric Power Research Institute, Kansas Department of Health and Environment, and the Kansas Department of Transportation. Among the projects that Dr. Nelson has lead are Agricultural Soils Mitigation of Greenhouse Gases (CASMGS) – Energy and Carbon Balance Aspects; Reducing Bioenergy Cost by Monetizing Environmental Benefits of Reservoir Water Quality Improvements from Switchgrass Production; Rainfall and Wind Erosion-based Multi-crop Agricultural Crop Residue Removal Analysis and Resource Assessment for the Eastern and Midwestern United States; and Farm-Scale Water Quality/Profit Optimization Environmental and Economic Analysis. In conducting the rain and wind erosion analysis, among other notables, Dr. Nelson has worked closely with Dr. David Lightle, USDA-NRCS National Soil Survey Center. He is currently the Director and Department Head, Engineering Extension Programs, Kansas State University, Manhattan, KS

---

### **Gary Nakamura, UC Berkeley**

He is a Registered Professional Forester and has served as a forestry specialist with Cooperative Extension, Center for Forestry at the University of California, Berkeley since 1985. From 1980 to 1985, Mr. Nakamura was the supervisor of research and development for the California Region of Champion International Corp, where he conducted applied forest research. Prior to that, he was a soil scientist and forest fertilization study coordinator for the U.S. Forest Service.

---

### **Don Scott , National Biodiesel Board**

Don is a registered Professional Engineer. Prior to joining the National Biodiesel Board, Don worked as an Environmental Engineer for the Missouri Department of Natural Resources. Don coordinated the drinking water source water protection program for the state of Missouri, which protected over 5,000 public wells and surface water intakes from point and nonpoint source pollutants. A component of source water protection included coordination with USDA's Farm Service Agency and Natural Resource Conservation Service to enroll 50,000 targeted acres in a Conservation Reserve Enhancement Program which took land out of agricultural production and set it aside for wildlife habitat, riparian corridors, and buffer strips. Don also served as chief of the drinking water permits and engineering section as well as chief of surface water for the Missouri Water Resources Center. Don joined the National Biodiesel Board, because the environmental, social, and economic impacts of reliance on nonrenewable energy are our society's biggest crisis. NBB established his position of Director of Sustainability to ensure that biodiesel addresses this crisis in a sustainable way.

NBB supports lifecycle analysis to quantify the environmental impact of biodiesel. And NBB supports responsible goals to displace nonrenewable energy sources by making wise use of existing and underutilized resources.

## **SPEAKER BIOS**

Don Scott and NBB participate in the development of sustainability standards including: Chairing ASTM E48.80 on the Sustainability of Biomass, Co-chairing Chamber 2 within the Roundtable on Sustainable Biofuels and participating on the RSB Steering Board, Serving on the Environmental, Economic, and Social Aspects expert working group for ISO/PC 248 – Sustainability Criteria for Bioenergy; and other national and international efforts to ensure the sustainability of Biofuels.

---

### **John Heissenbuttel, Phoenix Strategic Solutions, CSBP**

John Heissenbuttel is President of Phoenix Strategic Solutions & Co-Director of the Council on Sustainable Biomass Production.

A major project John is currently involved in is partnering with the Meridian Institute in facilitating the development of the Council on Sustainable Biomass Production.

Prior to founding Phoenix Strategic Solutions, John worked for the American Forest & Paper Association from 1988 until June 2006. Under John's leadership, the Sustainable Forestry Initiative program became one of the largest internationally recognized sustainable forest management standards.

John is a past President of the Society of American Foresters and a graduate of Humboldt State University.