**List of External Experts for the GBEP AG6 “Bioenergy and Water” – Additional list**

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1. **Kevin Fingerman**, Humboldt State University and International Institute for Sustainability Analysis and Strategy (IINAS). [kevin.fingerman@gmail.com](mailto:kevin.fingerman@gmail.com); [kf@iinas.org](mailto:kf@iinas.org)

Dr. Kevin Fingerman is an Assistant Professor in the department of Environmental Science and Management at Humboldt State University and a Fellow of the International Institute for Sustainability Analysis and Strategy (IINAS). His research has investigated the broad-based environmental and social impacts of transportation energy choices. In particular, he has worked on the life cycle water and greenhouse gas impacts of bioenergy systems as well as policy design to improve the environmental and social performance of fuels.

Dr. Fingerman has served in a consulting capacity on bioenergy sustainability issues for several California regulatory agencies, the Organization for Economic Cooperation and Development (OECD), the Packard Foundation, Friends of the Earth International, and several private sector entities. Prior to his current post, he worked in Rome for the Global Bioenergy Partnership housed at the United Nations Food and Agriculture Organization, providing support for the evaluation of biofuel system impacts in Indonesia and Colombia. He holds a Ph.D. from UC Berkeley’s Energy & Resources Group.

1. **Sonia Yeh**, University of California (Davis, US). [slyeh@ucdavis.edu](mailto:slyeh@ucdavis.edu)

Dr. Sonia Yeh is a research scientist at the Institute of Transportation Studies (ITS); lecturer at the Department of Civil and Environmental Engineering and Department of Environmental Science and Policy at the College of Agricultural and Environmental Sciences which is part of the University of California, Davis; and faculty affiliate at UC Davis Graduate Group in Ecology (GGE) and UC Davis Graduate Group in Transportation Technology and Policy (TTP). She is also an adjunct professor at the Department of Engineering and Public Policy, Carnegie Mellon University as well as the Adlerbertska visiting professor at Chalmers University of Technology. Her research focuses on analysing possible transition paths towards sustainable future in energy and the specific resource, technological, environmental and policy challenges associated with the transitions. She leads research programs in Best Policy and Incentive Strategies for Alternative Fuel and Energy, and Energy System Modelling for the Sustainable Transportation Energy Pathways Program (STEPS) within ITS.

Dr. Yeh’s expertise is in energy economics and energy system modelling, lifecycle analysis of greenhouse gas emissions, alternative transportation fuels, sustainability standards, and technological change induced by government policy. Between 2007 and 2013, she co-led the collaborative team from UC Davis and UC Berkeley to support the design of California's Low Carbon Fuel Standard (LCFS) and co-directed the National Low Carbon Fuel Standard Project participated by six universities and research institutes across the US. She regularly advises legislators and government agencies in California, the Western states and internationally, and chairs expert workgroups for governments and NGOs. She received Academic Federation Award for Excellence in Research by the University of California, Davis in 2014. She was also named as one of the forty “Policy shapers of the Water-Energy-Food Landscape,” by the Global Leadership and Technology Exchange (GLTE).

1. **Carlos Eduardo Pellegrino Cerri**, University of São Paulo (USP). cep[cerri@usp.br](mailto:cerri@usp.br)

Dr. Carlos Eduardo Pellegrino Cerri is a Professor in the Soil Science Department at the Escola Superior de Agricultura Luiz de Queiroz (ESALQ) within USP. He also previously served as the President of the ESLAQ Research Committee and Vice President of the Graduate Program on Soil Science and Plant Nutrition at ESALQ/USP. He has authored or co-authored over 100 publications on a variety of topics related to soil science, bioenergy and climate change, with a particular focus on soil organic carbon. Selected titles from his publications include: “Quantifying soil carbon stocks and greenhouse gas fluxes in the sugarcane agrosystem;” “Tropical agriculture and global warming: impacts and mitigation options;” and “Simulating SOC changes in 11 land use change chronosequences from the Brazilian Amazon with RothC and Century models.” He has also collaborated on a number of national as well as international science projects.

He obtained his MsC from ESALQ/USP and his PhD from the Center for Nuclear Energy in Agriculture at USP. From 2003 to 2005, he conducted his post-doc on the international project “Assessment of Soil Organic Carbon Stocks and Changes at National Scales,” which was co-financed by Global Environment Facility (GEF) and coordinated by The University of Reading.

1. **George Philippidis**, University of South Florida. [gphilippidis@usf.edu](mailto:gphilippidis@usf.edu)

Dr. Philippidis is a recognized leader in sustainable energy with over 20 years of a successful career directing strategic business units in both the private and public sectors. He started his energy career at the National Renewable Energy Laboratory (NREL) in Denver before moving to the private sector at Thermo Fisher Corporation in Boston. He then joined the Applied Research Center at Florida International University in Miami, where he created and directed the Center's energy business before coming to USF. At the Patel College of Global Sustainability Dr. Philippidis directs the development, scale-up, and commercialization of biomass and algae technologies for sustainable production of transportation fuels, renewable power, and value-added chemicals as part of a green global economy. He works closely with the private sector, venture capital firms, and equity investors to bring clean technologies to the market place. Dr. Philippidis holds a Ph.D. in Chemical Engineering from the University of Minnesota and an MBA from the University of Denver. He has authored numerous articles and book chapters, has given several speeches and media interviews, and holds 11 US and world patents in cleantech.