Dr. Harold Keener is Professor and Associate Chair in the Department of Food, Agricultural, and Biological Engineering, The Ohio State University/Ohio Agricultural Research and Development Center, Wooster, OH. He is a systems analyst with specializations in: analysis of energy systems, operations research, control theory, and heat and mass transfer. Research areas include design and management of composting systems, fluidized bed combustion, design and evaluation of manure management systems. He has co-authored over 370 publications, 2 Books, and 108 peer or editor reviewed articles. He co-developed the series of equations unifying the "design of animal mortality composting systems" and was a principal leader in developing two major outreach programs: 1) Composting Livestock Mortality, which from 1994-present, has been used to train and certify over 4,000 livestock producers in Ohio; and 2) Ohio Compost Operator Education Course, a 2-day educational course covering all aspects of commercial composting and attended by over 300 composters and regulators in Ohio since 2001. In 2006 he received the U.S. Composting Council "2006 Rufus Chaney Award for Research Excellence - for outstanding contribution to furthering the science of composting"; 2008. The Ohio State University College of Engineering Lumley Research Award- exceptional activity and success in pursuing new knowledge of a fundamental or applied nature; and in 2011 Distinguished Senior Faculty Research Award. Ohio Agricultural Research and Development Center (OSU/OARDC).