

COLLEGE OF
ACES Office of
 International Programs
 INTERNATIONAL FOOD SECURITY INITIATIVE (IFSI)

RESEARCH BRIEF FOR AFFILIATES

Name	Richard Cooke		
Department/Group:	Agricultural and Biological Engineering		
Title(s)	Professor		
Degrees	Degree, discipline	Year	School
	Ph.D. Ag Engineering	1993	Virginia Polytechnic Institute
	M.S. Ag Engineering	1986	University of Guelph, Ontario, Canada
	B.S. Agricultural Engineering	1981	University of the West Indies, St. Augustine, Trinidad
Emphasis	Food Systems		Food Security
	<input checked="" type="checkbox"/> Production <input type="checkbox"/> Post Farm <input type="checkbox"/> Consumer <input checked="" type="checkbox"/> Sustainability <input type="checkbox"/> Social/Economic <input type="checkbox"/> Legal/Policy		<input checked="" type="checkbox"/> Availability of food <input type="checkbox"/> Access to food <input type="checkbox"/> Utilization of Food <input type="checkbox"/> Nutrition <input checked="" type="checkbox"/> Stability of availability/access/utilization
Dr. Cooke's work relates to increasing water use efficiency for staple crops in Sierra Leone. Specifically, he is conducting projects on rainfall harvesting. He has also conducted workshops on 1) GIS for Irrigation and Drainage and 2) Fabrication and Field Testing of a Manual Grain Planter in Sierra Leone.			
Countries or regions of collaborations			
Sierra Leone			
Publication highlights			
Kamara, J.S., S.M. Bockari-Gevao, P.J. Luseni, A.U. Leigh and R.A. Cooke. 2014. A national survey of rice (Oryza sativa L.) grain quality in Sierra Leone I: Perception of traders and consumers. African Journal of Food, Agriculture, Nutrition and Development 14: 9117-9135.			