

## Norman E. Breuer

Norman E. Breuer, Ph.D. is an Associate Scientist with the Rosenstiel School of Marine and Atmospheric Science of the University of Miami. He also hold a Courtesy Faculty Appointment in the Department of Agricultural and Biological Engineering at the University of Florida and is a member of the Southeast Climate Consortium. He is an interdisciplinary ecologist with expertise in human dimensions of agroecology, rural livelihood systems, adaptation to climate variability and change; food security; assessment research and application of participatory methods to learning for sustainability. Agroecosystems ecology including pasture, silvopastoral, and livestock systems. Development and evaluation of climate forecast tools to inform decision making for risk reduction in agriculture and natural resource management. Working with stakeholders and decision makers at several scales to co-develop of climate information systems.