

**Soil and Water Sciences Department
Distinguished Speaker Seminar**

Speaker: Cheryl Palm, Ph.D.
Research Professor
Institute for Sustainable Food Systems
Department of Agricultural and Biological
Engineering
University of Florida



Title: Soils and Sustainable Intensification in Africa

Date: Monday, September 25, 2017

Time: 3:00 pm – 4:00 pm

Location: McCarty Hall A, Room G186

Low, stagnating crop yields in SubSaharan Africa are related to long term nutrient depletion and low soil fertility. Recent efforts aim to increase yields and soil fertility through improved access to fertilizers. These efforts must avoid the negative environmental consequences of increased fertilizer application that have occurred in other regions. Yet the fertilizers available are often based on national, not locally specific. At the same time, there are widespread reports of limited response to fertilizers on some soils, so called non-responsive soils. The net effect leads to agronomic and economic inefficiencies and risks for smallholder farmers. This seminar will explore the reasons for non-responsive soils and efforts to target soil fertilizer recommendations that address these and associated problems.

For our off-campus students, off-campus faculty, and on-campus students who cannot attend, this seminar can be viewed via live or watched at a later date via this link: [Dr. Cheryl Palm](#). In addition, all seminars are archived for viewing on our [SWSD Seminar Page](#).