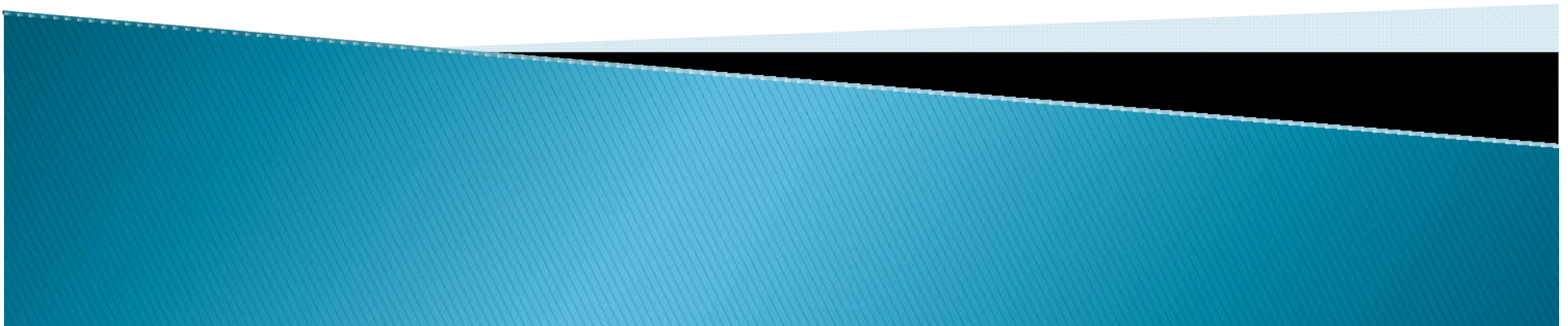


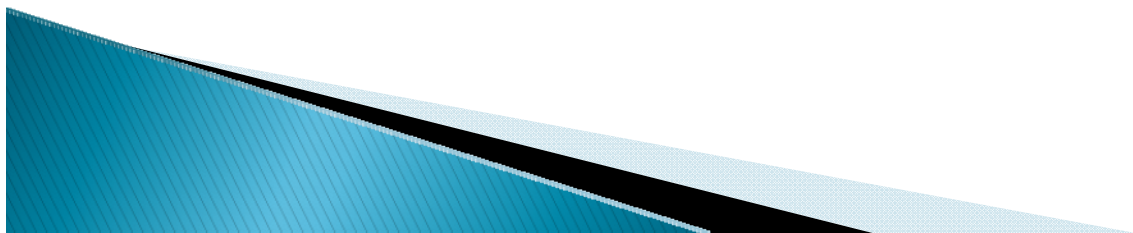
# Training, research & outreach activities at Makerere University

John Stephen Tenywa  
Department of Soil Science  
Makerere University  
23<sup>rd</sup> February, 2010



# Training

- ▶ Over 30 universities for a population of just over 30 million
- ▶ Science based universities are 4–5
- ▶ Makerere university is oldest (about 35,000 students)
  - 1000 Masters & about 400 PhD students
  - 21 faculties



# Land/soil related research in Faculty of Agriculture

- ▶ Soil health
- ▶ Lake Victoria Basin research
- ▶ Various research projects targeting small scale farmers to boost yields
- ▶ Involved in National Convention for Combating Desertification (UNCCD), the National Action Plan
- ▶ Worked with water hyacinth management
- ▶ Dev. coping mechanisms for climate change
- ▶ Land capability evaluation



# Land/soil related research in Faculty of Agriculture

- ▶ Nutrient flows, balance & flows
- ▶ Turning urban crop waste into agricultural production inputs
- ▶ Beneficiation of human fecal material for fertilisation of crops
- ▶ Biological N fixation & mychorrizal associations
- ▶ Evaluation of C sinks in soil of Uganda
- ▶ Several regional projects and collaboration

