

A stylized, light-colored illustration of a plant with several leaves and a cluster of small, round fruits or berries, positioned on the left side of the slide.

MALAWI STEM EDUCATION WORKSHOP: DEVELOPMENT OF A POST-GRADUATE CERTIFICATE PROGRAM FOR SCHOOL AGRICULTURE AND SCIENCE TEACHERS

Lilongwe University of Agriculture and Natural Resources

Virginia Tech University

Innovate: Innovation for Agricultural Training and Education

USAID

Agenda: Day 1

- Welcome and Introductions: Mr. James Sitima
- Introductory Remarks: USAID Mission
- Workshop Goals: Dr. George Kanyama-Phiri, Vice Chancellor, Lilongwe University of Agriculture and Natural Resources (LUANAR)
- Overview of Science and agricultural Teacher Education in Malawi: Mrs. Chikondano Mussa, Director of Secondary School Education

Break

- Goals and Challenges for Post-Graduate Certificate Program in STEM Education: Dr. George Glasson and Dr. Joisah Tlou
- Teacher Preparation STEM Education: Dr. George Glasson

LUNCH

- Gender Issues in Malawi's Secondary Schools: Mrs. Evelyn Lemani, Gender Specialist Malawi Institute of Education
- Experimental Education and Entrepreneurship: Ms. Johanna Cricenti, Program Director, InnovATE, Office of International Research, Education, and Development, Virginia Tech

Agenda: Day 2

- Recap from Day 1: Johanna Crincenti
- Place-based STEM Education Pedagogy and Practice: Dr. George Glasson

Break

- Mobile Malawi Project: Dr. George Glasson and Daniel Chinkhuntha, Tikondwe Freedom Gardens

LUNCH

- New Partnership for Africa's Development: Dr. Josiah Tlou
- Distance Learning in Sub-Saharan Africa: Dr. Ndalapa Mhango

BREAK

- Opportunities and Challenges for Technology and Distance Learning: Dr. Josiah Tlou and Dr. Ndalapa Mhango

Agenda: Day 3

- Recap and Goals for Day 3: Johanna Cricenti
- Curriculum Development in place-based STEM Education: Dr. George Glasson

BREAK

- Pedagogical Practices and Teacher Preparation: Dr. George Glasson
- Use of Technology and Distance Learning: Dr. Josiah Tlou and Dr. Ndalapa Mhango
- Structuring a STEM Post-Graduate Certificate Program: Dr. George Glasson

LUNCH

- Potential Sources and Partners: Dr. Joisah Tlou

BREAK

- Steps Moving Forward