Agboola Peter Temitope
Thesis Defense
College of Science and Engineering
Department of Agricultural Science
MSc Agriculture

Understanding Factors Contributing To Household Food Insecurity And Poverty Dynamics In Gert Sibanda District Mpumalanga Province Of South Africa

This study has evaluated the factors contributing to farming households’ food insecurity and poverty dynamics in Gert Sibanda Municipality of Mpumalanga Province of South Africa. A total of 383 households were involved in the study using a structured questionnaire. The Household Food Insecurity Assessment Scale (HFIAS) and Foster-Greer-Thorbecke (FGT) indices were calculated to gauge the households’ food insecurity and poverty status. The HFIAS category indicated that 34.46%, 4.18%, 40.47%, and 20.89% of the households were food secure, mildly, moderately, and severely food insecure, respectively. The FGT poverty index showed that 32.64% of the households were poor while the rest (67.36%) were categorized as non-poor households. The study applied two regression models: an OLS regression and a Logistics regression to identify factors influencing farming households’ food insecurity and poverty status.

Event Information
Date: June 18\textsuperscript{th}, 2021
Time: 9am
Location: Pirkle building

Committee Members
Dr. Danhong Chen
Dr. Shyam S. Nair
Dr. Lawrence A. Wolfskill