

Name: Shimels Eshete Wassie

Title: PhD candidate in Institute of Animal Nutrition and Rangeland Management in the Tropics and Subtropics, University of Hohenheim, Germany.

Research interest

My research interest primarily focuses on understanding different aspect of ruminant nutrition in the Tropics especially evaluating effects of feeding tropical feedstuffs on nutrient digestion, ruminal microbial activity, protein metabolism, nutrient partitioning through *in vivo* experiment, and evaluation and characterization of feeding values of different tropical feedstuffs, feed supplements, and compound diets using different methodological approaches through *in vitro* experiment like Proximate and fiber analysis, Hohenheim gas test (HFT) and Cornell Net Carbohydrate and Protein System (CNCPS). Furthermore, interested to study the effects of these nutritional factors on GHG emissions from ruminants and their manure.

CV

Academic Career

From August, 2015 onwards, PhD student in Institute of Agricultural Sciences in the Tropics, Animal Nutrition and Rangeland Management in the Tropics and Subtropics (490i), University of Hohenheim, Germany.

October, 2012 – July, 2015: Master Science in Agricultural Science in the Tropics and Subtropics in University of Hohenheim, Germany. Thesis: “The effect of synchronized supply of carbohydrate and Nitrogen supply on feed intake, nitrogen balance, and performance of growing Dorper sheep” in Brazil.

October, 2001 – July, 2005: Bachelor Science in Animal Production and Rangeland Management in Hawassa University, College of Agriculture.

Work Experience,

December, 2006 – September, 2012: Junior Researcher, Gambella Agricultural Research Institute (GARI), Gambella (Ethiopia) :- working on adaptation trial of exotic chicken and improved forage in Gambella region, coordinating and facilitating farmers' training, workshops and farmers field days, data entry and analysis, served as livestock director for the institute

December, 2005 – November, 2006: Instructor, Gambella Agricultural Technical Vocational Educational Training College (GATVET), Gambella (Ethiopia):- served as full time instructor, practical coordinator in Animal science department, and evaluating student's final paper.