

ANNEX-2: LIST OF STUDENTS

A. TSBF Institute - Africa

Name	Nationality	Degree	Status	Institution	Research theme
D. Fatondji	Nigerian	Ph.D.		University of Bonn, Germany	Interaction between water harvesting and soil fertility
Vincent Bado	Burkinabe	Ph.D.		Laval University in Quebec, Canada	Interaction between organic and inorganic nutrient sources in different cropping system in the Sudano sahelian zone of West Africa
Shamie Zingore	Zimbabwean	Ph.D.	Continuing	Wageningen University, Netherlands	Farm-scale evaluation of nutrient use efficiencies of resource management options in smallholder farming systems of Zimbabwe
Chris Nyakanda	Zimbabwean	Ph.D.	Completed	University of Zimbabwe	Effects of Sesbania sesban and cajanus cajan improved fallows on soil moisture and nutrient dynamics and on maize performance in medium rainfall areas of Zimbabwe
Jean Nzuma	Zimbabwean	Ph.D.	Completed	University of Zimbabwe	Manure management options for increasing crop production in smallholder farming systems of Zimbabwe
Bonaventure Kayinamura	Rwandan	Ph.D.	Continuing	University of Zimbabwe	Potential use of three plant species: Glycine Max, mucuna pruriens and crotalaria grahamiana as soil fertility ameliorants in smallholder farming systems in Zimbabwe: synergistic improvements of water and nutrient use efficiencies
Fredrick Ayuke	Kenyan	Ph.D.		University of Nairobi, Kenya	Assessing diversity and population dynamics of macrofauna (earthworms and termites) as influenced by land-use change and impact on soil properties
Margaret Mwangi	Kenyan	Ph.D.		University of Nairobi, Kenya	Soil functional groups: evaluation of ecosystem engineers and soil fertility management within agro forestry ecosystems
Susan Ikerra	Tanzanian	Ph.D.		Sokoine University, Tanzania	Effect of organic materials on MPR dissolution on an Ultisol in Morogoro, Tanzania
Kiros Habtegebriel	Ethiopian	Ph.D.	Continuing	Norway Agricultural University	Development and evaluation of site-specific integrated nutrient management practices for wheat on Vertisols in

Jane Kapkiyai	Kenyan	Ph.D.	Continuing	Cornell University, USA	semi-arid Northern Ethiopia Effects of Legume Green Manures on Crop Productivity and Nutrient Cycling in Maize-based Cropping Systems of Western Kenya
John Ojiem	Kenyan	Ph.D.	Continuing	Wageningen University, Netherlands	Management of legume green manures in Western Kenya
Jacintha Kimiti		PhD	Continuing	Kenyatta University	Integrating Legumes in the Farming Systems of Eastern Kenya to Enhance Soil Fertility.
Monicah Mucheru		PhD	Continuing	Kenyatta University	N Dynamics as affected by soil fertility status and nutrient replenishment inputs in the central highlands of Kenya.
Edward Yeboah		PhD	Continuing	University of Ghana	Sustaining Crop Productivity: The influence of organic resource quality and quantity
Mercy Kamau	Kenyan	PhD	Completed	Wageningen University, Netherlands	Socio-economic evaluation of legume-based systems in Western Kenya
Kibiby Mtenga	Uganda	Ph.D.	Continuing	Cornell University	Gender and Soil Fertility Management in Malawi: A Participatory Analysis of Farmers' Incentives to Reinvest in Soil Fertility Management Innovations by Women and Men Farmers.
Peter Ebanyat	Uganda	Ph.D.	Continuing	Wageningen University	Dynamics of Soil Organic Matter and Nitrogen in Farmer Field Schools generated Integrated Soil Fertility Management Practices (draft title).
Isaiah Tabu	Kenyan	Ph.D.	Completed	Egerton University, Kenya	Soil fertility niches, farmer perception and maize yield: a case for improved crop yield in Kabras division, western Kenya
Patrick Ogutu	Kenyan	Ph.D.	Continuing	Moi University, Kenya	Solubilization of rock phosphate in Western Kenya
Peter Kisinyo	Kenyan	Ph.D.	Continuing	Moi University, Kenya	Nitrogen fixation in maize-soybean MBILI intercropping
S. Some	Burkinabe	Ph.D.	Continuing	ZEF, Univ. of Bonn, Germany	Water use efficiency of sorghum based cropping systems in Dano, Burkina Faso
Dilys Sefakor Kpongor	Ghanian	Ph.D.	Continuing	ZEF, University of Bonn, Germany	Evaluation of the best-bet soil fertility restoration technologies in Northern Nigeria
Abdoulaye Saley	Nigerien	Ph.D.	Continuing	North West Univ. South A	Screening forage legumes for adaptation to drought in the dry lands of South Africa

Pauline Chivenge		Ph.D.	Continuing	University of California	The interaction between resource quality and aggregate turnover controls ecosystem nitrogen and carbon cycling.
Pamela Pali		Ph.D.	Continuing	BOKU	Impact of Organic Agriculture in Uganda: Improving Livelihoods through Sustainable Natural Resource Management
Elisabeth Gotschi		Ph.D.	Continuing	BOKU, Vienna, Austria	Social Capital in Smallholder Marketing Groups in Sofala Province, Mozambique.
Jackson Tumwine		Ph.D.	Continuing	BOKU	Linking Farmers to Market: Challenges and Opportunities of Improving Rural Livelihoods for Communities affected by HIV/AIDS in Uganda
Charles Walaga		Ph.D.	Continuing	BOKU	Organic agriculture development and livelihood improvement in Uganda: Future scenarios and policy measures
Michael Misiko	Kenyan	Ph.D.	Continuing	Wageningen University	Knowledge and networks: Challenges and opportunities for scaling up integrated soil fertility management regimes
Nhamo Nhamo	Zimbabwean	M.Phil.	Completed	University of Zimbabwe	An avaluation of the efficacy of organic and inorganic fertilizer combinations in supplying N to crops
L.Rusinamhodzi	Zimbabwean	M.Phil	Continuing	University of Zimbabwe	Effects of cotton cowpea intercropping on crop yields and soil nutrient status under Zimbabwean rain-fed conditions
Talkmore Mombeyarara	Zimbabwean	M.Phil	Continuing	University of Zimbabwe	Potential of Ipomea stenosi-phon as a soil fertility ameliorant in Zimbabwe
Killian Mutiro	Zimbabwean	M.Phil	Continuing	University of Zimbabwe	Adoption of improved manure storage systems by smallholder farmers in drought prone and high potential areas of Zimbabwe
James Kinyua	Kenyan	M.Sc.	Continuing	Kenyatta University, Kenya	Nutrient management by use of agroforestry trees for improved soil productivity
Joseph Kimetu	Kenyan	M.Sc.	Completed	Kenyatta University, Kenya	Nitrogen fertilizer equivalencies based on organic input quality
John Baptist Tumuhairwe	Ugandan	M.Sc.		Makerere University, Uganda	Effect of short-duration Crotalaria grahamiana and Mucuna pruriens fallows on soil productivity in south-eastern Uganda
Matthew Kuule	Ugandan	M.Sc.		Makerere	The effect of green manures,

				University, Uganda	Mucuna, Lablab, Canavalia and Crotalaria on soil fertility and productivity in Tororo District, Uganda
Dennis Wafula	Kenyan	M.Sc.		Jomo Kenyatta University, Kenya	The contribution of different feeding guilds of termites to nutrient cycling in soil
Ali Lule	Ugandan	M.Sc.		Makerere University, Uganda	The role of social capital in adoption of soil fertility technologies
Abas Isabirye	Ugandan	M.Sc.		Makerere University, Uganda	Communication flow between service providers and farmers
Paul Bagenze	Ugandan	M.Sc.		Makerere University, Uganda	Linking farmers preferences and GIS for targeting of soil fertility technologies
Eria Bulega	Ugandan	M.Sc.	Continuing	Makerere University, Uganda	Farmers' adaptation of legume cover crop technology in eastern Uganda
John Mutihero	Zimbabwean	M.Sc.		University of Zimbabwe	An assessment of profitability of cattle manure use and the relative impacts on rural farming households in Mangwende communal area, Zimbabwe
U. Chipfupa	Zimbabwean	M.Sc.	Completed	University of Zimbabwe	The potential of decision guides as an extension tool in improving adoption of integrated soil fertility management options
Charles Nhemachena	Zimbabwean	M.Sc.	Completed	University of Zimbabwe	Comparative analysis of grain legume production and domestic consumption trends in Zimbabwe's dual farming sector and the policy challenges for the post land reform era
Julius Mumo Maithya	Kenyan	M.Sc.	Completed	University of Nairobi	The Competitiveness of Agroforestry-based and other Soil Fertility Enhancement Technologies for Smallholder Food Production in Western Kenya
A.N. Other	Ugandan	M.Sc.		Makerere University, Uganda	Utilization of dual-purpose live barriers for soil water conservation and increased household income
Somoni Franklin Mairura	Kenyan	M.Sc.	Continuing	Kenyatta University, Kenya	The role of indigenous knowledge in management of soil quality among farmers in Chuka and Gachoka divisions
Isabirye Abas	Ugandan	M.Sc.		Makerere University, Uganda	The diffusion of green manure cover crop technologies in Kisoko and Osukulu sub-counties, Tororo district, Uganda

Mercy Karunditu	Kenyan	M.Sc.	Completed	Kenyatta University, Kenya	Nitrogen fertilizer use efficiency as affected by soil organic matter status in Eastern, Central, and Western Kenya
Boaz Waswa	Kenyan	M.Sc.	Completed	Kenyatta University, Kenya	Soil Organic Matter Status under Different Agroforestry Management Practices in Three Different Sites in Kenya
Grace Agwaru	Ugandan	M.Sc.	Continuing	Makerere University	Assessing Approaches and Developing Methods For Presentation of Research Results To Farmers Within Their Livelihood Situations: A Case Study In Soroti And Arua Districts
Dick Lufafa	Ugandan	M.Sc.	Continuing	Makerere University	On-farm comparison of the economic profitability of selected dual purpose live barriers
Leen Symons		M.Sc.	Completed	Catholic University of Leuven	Quality, quantity and stability of soil organic matter along a climate and soil gradient in Central Kenya
Wim Govaerts		M.Sc.	Continuing	Catholic University of Leuven	Impact of soil fertility status on C mineralization and stabilization as affected by application of mineral N fertilizer in Central Kenya
Geoffrey Okello	Ugandan	M.Sc.	Continuing	Makerere University	Unraveling local soil quality indicators and resource use in Eastern Uganda.
Job Ogada	Kenyan	M.Sc.	Continuing	Egerton University	Unraveling local soil quality indicators and resource use in Western Kenya.
Kiwanka Achilles		M.Sc.	Continuing	Makerere University	Environmental and socio-economic impact of organic farming on the livelihood of small-scale farmers in Uganda
Christine Kiraithe	Kenyan	M.Sc.	Continuing	Moi University, Kenya	The influence of conventional and 'mbili' intercropping systems on rooting characteristics, nutrient uptake and yield of intercrops in western Kenya
Mary Baaru	Kenyan	M.Sc.	Continuing	Kenyatta University, Kenya	Effect of organic materials of differing quality and inorganic fertilizer on soil microbial biomass at Kabete, Kenya
Edwin Rotich	Kenyan	M.Sc.	Continuing	Moi University, Kenya	Promoting Conservation Tillage Practices to Sustain Food production and Improved Rural Livelihoods

Emily Ruto	Kenyan	M.Sc.	Continuing	Moi University, Kenya	in Sub-Saharan Africa An attempt to promote the use of prep-pac in western Kenya
Nekesa. Abigail O	Kenyan	M.Sc	Continuing	Moi University, Kenya	A study on the liming effect of Minjingu phosphate rock in an acidic soil in western Kenya
Moses Thuita	Kenyan	M.Sc	Continuing	Moi University, Kenya	On farm testing of phosphorus availability from phosphate rocks as affected by addition of local organic resources in western Kenya
D. Njiwa	Malawi	M.Sc.	Completed	Bunda College of Agriculture	Socio-economic analysis of factors affecting improvements of soil fertility and marketing in smallholder flood plain rice systems of Malawi: A case study of Bua and Kasitu Rice Schemes in Nkhota-kota Rural Development Project
Ruth Adiel Kangai	Kenyan	M.Sc.	Completed	Kenyatta University, Kenya	Assessment of adoption potential of soil fertility improvement technologies in eastern Kenya: the case of Kirege location
John Mwaure Macharia	Kenyan	M.Sc.	Continuing	University of Nairobi	Economic optimization of integrated soil fertility management strategies for maize-based production systems: A case study of smallholder farm typologies in Central Kenya.
Patricia Namwanda	Ugandan	M.Sc	Submitted	Makerere University	Mapping farm types to identify suitable areas and characteristics for the targeting and expansion of legumes as cover crops technology in Tororo district
Norah Namakambo	Uganda	MSc	Continuing	Makerere Univeristy	Application of geographical information systems (gis) for gazetted wetlands in uganda: a case study of Nakivubo wetland in Kampala district
Nahya Nkinzi	Ugandan	MSc	Submitted	Makere University	Mapping land-cover and land use change in Kabale
Anne Griffith	Canadian	B.Sc.	Continuing	University of Toronto	Managing home garden vegetables for soil improvement and food security
Nelson Juma Otwoma	Kenyan	MA	Completed	University of Nairobi	The role of indigenous knowledge in the management of soil fertility among smallholder farmers of Emuhaya division

B. TSBF Institute - Latin America

Name	Nationality	Degree	Status	Institution	Research theme
Nelson Castañeda	Colombian	Ph.D.	Continuing	University of Goettingen	Genotypic variation in P acquisition & utilization in <i>A. pintoii</i>
Twaha Atenyi	Ugandan	Ph.D.	Continuing	Agricultural University of Norway	Soil phosphorus transformations and organic matter dynamics
Sergio Mejia	Colombian	Ph.D.	Continuing	National University	Identification of candidate genes responsible for adaptation of tropical forage grass, <i>Brachiaria</i> to low phosphorus soils
Alvaro Rincon	Colombian	Ph.D.	Continuing	National University	Integration of maize with forages to recuperate degraded pastures in the Llanos of Colombia
Jesús A. Castillo	Colombian	Ph.D.	Completed	U.Nacional de Colombia, Palmira	Dynamic application of the USLE in the Andean Region
Mariela Rivera P.	Colombian	Ph.D.	Continuing	U.Nacional de Colombia, Palmira	Relationship between arable layer and soil biology
Yolanda Rubiano	Colombian	Ph.D.	Continuing	U.Nacional de Colombia, Palmira	Soil degradation indicators for the Llanos
Edier Humberto Pérez	Colombian	Ph.D.	Continuing	Universidad del Valle, Cali	Pollutants and soil water fluxes
Karen Tscherning	German	Ph.D.	Completed	University of Hohenheim	Simultaneous evaluation of tropical forage legumes for feed value and soil enhancement
Elena Velásquez	Colombian	Ph.D.	Completed	National University/IRD	Biological indicators of soil quality based on macroinvertebrate communities and relationships with soil functional parameters
Jorge F. Navia	Colombian	Ph.D.	Continuing	National University	Impact of residue quality on beneficial soil biota in root-rot infested soils
Natasha Pauli	Australian	Ph.D.	Continuing	Univ. of Western Australia	The potential of the Quesungual Agroforestry System for Soil Biodiversity Conservation and Management in Western Honduras
Julie Major	Canadian	Ph.D.	Continuing	Cornell University USA	Reducing nutrient leaching on acid soils through charcoal amendments to soils
Adriana Arango	Colombian	MSc.	Completed	National University	Identification of candidate genes for aluminium resistance in <i>Brachiaria</i>
Jaumer Ricaurte	Colombian	MSc.	Continuing	National University	Impact of aluminium tolerant <i>Brachiaria</i> genotypes on soil quality characteristics of an oxisol of the altillanura of the Meta Department of Colombia

Oscar Molina	Colombian	M.Sc.	Continuing	National University	Effect of residual P fertilizer and organic manure application on mycorrhizal association of maize-bean rotation in P-fixing Andisol in Cauca, Colombia
Diana L. Correa	Colombian	MSc.	Completed	U.Nacional de Colombia, Palmira	Biological evaluation of the arable layer
Jenny Ordoñez Barragan	Ecuadorian	MSc.	Completed	Wageningen Agric. University	Main factors influencing maize production system in Southern Honduras: An exploratory study
Lyda Zárate	Colombian	M.Sc.	Continuing	National University	Dynamics of water stable soil aggregation mediated by three different AMF species
Belisario Volverás	Colombian	MSc.	Continuing	U.de Nariño, Pasto-Colombia	No-tillage systems in hillsides planted with potato
Jesús H. Galvis	Colombian	MSc.	Continuing	U. Nacional de Colombia, Palmira	Sealing and crusting in the Llanos
Luis C. Pardo	Colombian	MSc	Continuing	Universidad del Valle, Cali	Biological erosion in rain-forest
José Augusto Rodríguez T.	Colombian	MSc.	Continuing	U.Nacional de Colombia, Palmira	Influence of some amendments in some physical, chemical and biological characteristics of a magnesium soils
Maryory Rodríguez A.	Colombian	MSc.	Continuing	U. Uberlandia, Brazil	A comparison between Colombian and Brazilian Oxisols
José M. Campo Quesada	Colombian	BSc.	Continuing	U.Nacional de Colombia, Palmira	Evaluation of some crop systems in relation to erosion in Volcanic Ash Soils (Pescador, Cauca)
Lina M. Gaviria	Colombian	BSc.	Continuing	U. Suramericana, Neiva (Colombia)	Characterization of surface biogenic structures under different cassava treatments in Santander de Quilichao
Angela Muñoz	Colombian	BSc.	Completed	National University Palmira, Colombia	Fluxes of greenhouse gases in an Intensive dairy farm in Rozo, Colombia
Yenni Lopez	Colombian	BSc.	Continuing	National University	Drought adaptation in common bean
Joisie Rincón	Colombian	BSc.	Continuing	National University	Drought adaptation in Brachiaria
Luisa Jimenez	Colombian	BSc.	Continuing	National University Bogotá, Colombia	Physicochemical Characterization of charcoal for agricultural use.
Andres Ceballos and Victor Bermudez	Colombian	BSc.	Continuing	Universidad del Valle, Cali Colombia	Charcoal production by small scale producers in Colombia: Improvements on the efficiency of production and on safety production .
Andres Pereira Abella	Colombian	BSc.	Continuing	Universidad del Valle, Cali Colombia	Comparison of NIRS vs MIRS methodologies for analysis of total soil Carbon and Nitrogen

