

ANNEX 1 - LIST OF STAFF

TSBF Institute -Director

Sanginga, Nteranya (Soil Microbiologist)

TSBF Institute – Africa Staff

Senior Staff

Amede, Tilahun (Soil Scientist)
Andren, Olle (Soil Scientist, Modeler)
Bationo, André (African Network Coordinator (Soil Scientist))
Chianu, Jonas (Socio Economist)
Coorbels Mark (Soil scientist, modeler)
Delve, Robert (Soil Fertility Management)
Huising, Jeroen (BGBD Coordinator (GIS Scientist))
Jefwa, Joyce (Microbiologist)
Lesueur, Didier (Microbiologist)
Ohiokpehai, Omo (Food & Nutrition Scientist)
Okoth, Peter (Information Manager)
Pypers, Peter (Soil scientist)
Ramisch, Joshua (Social Scientist)
Roing, Kristina (Agronomist)
Vanlauwe, Bernard (Soil Scientist)
Verma, Ritu (Anthropologist),
Zingore Shamie (Soil Scientist)

Visiting Scientists

Merckx, Roel (Katholiek University, Belgium)
Andren, Olof (Upsalla University, Sweden)
Junko Sato (Kyoto University, Japan)

Consultants

Danso, Seth (Rhizobiology, BGBD project)
Osgood, Diane (Economist, BGBD Project)
Swift, Mike (BGBD Project)

Research Assistants

Ekise, Isaac (Asst Scientific Officer),
Kankwatsa, Peace (Research Asst, Kampala)
Kihara, Job (Asst Scientific Officer)
Mukalama, John (Snr Scientific Assistant)
Rusinamhodzi, Leonard (Research Asst, Harare)
Wangechi, Helen (Asst Scientific Officer)
Waswa, Boaz (Asst Scientific Officer)

Technical Staff

Muthoni, Margaret (Laboratory Attendant)
Ngului, Wilson (Laboratory Technician)
Nyambega, Laban (Field Technician)
Njenga, Francis (Laboratory Attendant)
Muranganwa, Francis (Field worker Harare)

Administrative Staff

Agalo, Henry (Driver / Field Assistant)
Akech, Caren (Secretary)
Akuro, Elly (Driver / Field Assistant)
Chisvino, Stephen (Driver/OA, Harare)
Kareri, Alice (Administrator)
Meyo, Rosemary (Administrative Assistant)
Mulogoli, Caleb (Finance/IT Asst)
Ngutu, Charles (Finance/Admin. Officer)
Nyamhingura, Isabella (Admin. Asst, Harare)
Ogola, Juliet (Senior Administrative Secretary)

TSBF Institute – Latin America Staff

Senior Staff

Amézquita, Edgar (Soil Physics) (until August 2006; Consultant from October 2006)
Ayarza, Miguel (Agronomy) MIS Coordinator, Honduras (until August 2006; Consultant from October 2006)
Barrios, Edmundo (Soil Ecology and Biodiversity) (until August 2006)
Rao, Idupulapati (Plant Nutrition and Physiology) (40% PE-2, 30% IP1, 30% IP5)

Senior Research Fellows

Rondón, Marco (Ecosystem services) (until August 2006)
Rubiano, Jorge (GIS/Agronomy) (until July 2006)

Consultants

Amézquita, Edgar (Soil Physics)
Ayarza, Miguel (Agronomy)
Estrada, Ruben (Resource Economis)

Research Associates

Asakawa, Neuza

Research Assistants

Borrero, Gonzalo

Corrales, Irlanda

García, Edwin

Girón, Ernesto (until June 2006)

Hurtado, María del Pilar

Molina, Diego (until October 2006)

Ocampo, Gloria (until October 2006)

Quintero, Jenny (until January 2007)

Quintero, Marcela

Rivera, Mariela

Rodríguez, Marcela (until June 2006)

Rodríguez Maryory (until March 2007)

Trejo, Marco (until July 2006)

Specialists:

Galvis, Jesús Hernando

Rodríguez, José Arnulfo

Melo, Edilfonso

Secretaries:

Cervantes, de Tchira Carmen

Núñez, Cielo (until January 2007)

Escobar, Vilia

Technicians:

Alvarez, Arvey

Herrera, Pedro (until October 2006)

Mina, Hernán

Molina, Jarden

Otero, Martin

Rodríguez, Carlos

Rojas, Gonzalo (until October 2006)

Sánchez, Amparo (until October 2006)

Trujillo, Carlos Arturo (until October 2006)

Workers:

Cayapú, Joaquín (until November 2006)

Ortega, Viviana (until October 2006)

Salamanca, Josefa

ANNEX-2: LIST OF STUDENTS

A. TSBF Institute - Africa

Name	Nationality	Degree	Status	Institution	Research theme
Aliou Faye	Senegalese	PhD		Centre International d'Enseignement a Distance, Rouen (France)	Contribution of the assessment of the rhizobial diversity and its impact on the soil fertility within a natural settlement of <i>Acacia nilotica</i> subs <i>tomentosa</i> : example of the natural forest of Diarra located in the Senegal River Valley
Kibiby Mtenga	Tanzanian	PhD	Continuing	Cornell University	Gender and Soil Fertility Management in Malawi: A Participatory Analysis of Farmers' Incentives to Re-invest in Soil Fertility Management Innovations by Women and Men Farmers
Peter Ebanyat	Ugandan	PhD	Continuing	Wageningen University	Dynamics of Soil Organic Matter and Nitrogen in Farmer Field Schools generated Integrated Soil Fertility Management Practices (draft title).
Elisabeth Gotschi	Austrian	PhD	Continuing	University of Natural Resources and Applied Life Sciences (BOKU), Vienna, Austria	Social Capital in Smallholder Marketing Groups in Sofala Province, Mozambique
Pamela Pali	Ugandan	PhD	Continuing	University of Natural Resources and Applied Life Sciences (BOKU), Vienna, Austria	Impact of Organic Agriculture in Uganda: Improving Livelihoods through Sustainable Natural Resource Management
Jackson Tumwine	Ugandan	PhD	Continuing	University of Natural Resources and Applied Life Sciences (BOKU), Vienna, Austria	Linking Farmers to Market: Challenges and Opportunities of Improving Rural Livelihoods for Communities affected by HIV/AIDS in Uganda
Charles Walaga	Ugandan	PhD	Continuing	University of Natural Resources and Applied Life Sciences (BOKU), Vienna, Austria	Organic agriculture development and livelihood improvement in Uganda: Future scenarios and policy measures
Juan Cobo	Colombian	PhD	Continuing	Hohenheim, Germany	Spatial and temporal management of nutrient and water resources in Zimbabwe and Mozambique
Brian Ssebunya	Ugandan	MSc	Continuing	Makerere	Comparative advantage of

Name	Nationality	Degree	Status	Institution	Research theme
				University	Uganda's fresh produce in major export markets. A case of certified organic fruits and vegetables
Wouter Ton	Dutch	MSc	Continuing	University Twente, Netherlands	Comparison of participatory approaches in Uganda
Grace Agwaru	Ugandan	MSc	Continuing	Makerere University, Uganda	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	MSc	Continuing	Makerere University, Uganda	On-farm comparison of the economic profitability of selected dual-purpose live barriers. Second year
Kiwanka Achilles	Ugandan	MSc	Continuing	Makerere University	Environmental and socio-economic impact of organic farming on the livelihood of small- scale farmers in Uganda
Jacintha Kimiti	Kenyan	PhD	Continuing	Kenyatta University	Integrating Legumes in the Farming Systems of Eastern Kenya to Enhance Soil Fertility'
Jane Kapkiyai	Kenyan	PhD	Completed	Cornell University	Effects of Legume Green Manures on Crop Productivity and Nutrient Cycling in Maize-based Cropping Systems of Western Kenya
John Ojiem	Kenyan	PhD	Completed	Wageningen University	Niche-based Approach to Soil Fertility Improvement by Legumes in Western Kenya Smallholder Farming Systems'
Monicah Mucheru	Kenyan	PhD	Continuing	Kenyatta University	N Dynamics as affected by soil fertility status and nutrient replenishment inputs in the central highlands of Kenya'
Edward Yeboah	Ghanaian	PhD	Continuing	University of Ghana	Sustaining Crop Productivity: The influence of Organic Resource Quality and Quantity'
Pablo Tittonell	Argentina	PhD	Continuing	Wageningen University	Exploring options, analysing tradeoffs and deriving indicators of efficiency for integrated nutrient management in smallholder farming systems of East Africa'
Pauline Nhamo	Zimbabwean	PhD	Continuing	University of	Exploring how organic and

Name	Nationality	Degree	Status	Institution	Research theme
Mwashasha Rashidi	Kenyan	MSc	Continuing	California Jomo Kenyatta University of Agriculture & Technology	mineral nutrient combinations interact to regulate nutrient cycling Evaluation of the potential of various AMF strains to improve the initial growth of banana
Judith Odhiambo	Kenyan		Continuing	Egerton University	Effect of selected legume species on germination of <i>Striga hermonthica</i> seeds: a control strategy in maize
Telesphoret Ndabamenya	Rwandese	MSc	Completed	Wageningen University	Interactions of soil macrofauna, tillage and organic amendment affect soil aggregation, organic matter dynamics and crop performance in Kenyan cropping systems
Giannis Papanagiotou	Greek	MSc	Completed	Wageningen University	The effect of endogeic earthworms on aggregate formation, stability and carbon distribution within different aggregate fragments in a vitro study'
Matieu Henry	French	MSc	Completed	CNEARC/ENGREF	Carbon sequestration in the agrarian system of western kenya and eligibility to clean development mechanism
Agnes Kavoo	Kenyan	MSc	Continuing	Kenyatta University	Interactions between resource quality, aggregate turnover, and C and N cycling in the Central Highlands of Kenya'
Micheal Ochieng	Kenyan	MSc	Continuing	Jomo Kenyatta University of Agriculture & Technology	On-farm interaction between soil fertility factors, farmer management, pests and diseases and the growth and yields of banana in Maragwa district, Kenya
Justin Muriuki	Kenyan	MSc	Continuing	Kenyatta University	Economic evaluation of organic and inorganic technologies for soil nutrient enhancement in Mukuuni and Murugi, Central Kenya'
Marion Ng'ang'a	Kenyan	MSc	Continuing	Moi University	Vegetable Legume Intercrop Development for Nutrition and Sustainability of HIV/AIDS Affected Rural Households of Kenya
Tom Hongo Amolo	Kenyan	MSc	Continuing	Kenyatta University	Effect of Soybean Enriched Diet on Nutrition and Health Status of HIV+ and exposed

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Joyce Kamau	Kenyan	MSc	Continuing	Kenyatta University	Children (6 mo-59 months) in Suba District Kenya. Effect of soybean (Glycine max) supplementation on nutritional status of children aged 6-9 years from HIV/AIDS affected households in Suba District
Gertrude Were	Kenyan	PhD	Continuing	Moi University	Effect Of Soybean Enriched Diet On The Nutrition And Health Of HIV Infected & Affected Children In Fishing and Farming areas in Suba District, Kenya.
Harrison Githinji	Kenyan	MSc	Continuing	Moi University	Effects of conservation tillage and organic residues on crop productivity
Dilys Kpongor	Ghanaian	PhD	Continuing	ZEF, Univ. of Bonn Germany	Evaluation of the best-bet soil fertility restoration technologies in Northern Nigeria
Michael Misiko	Kenyan	PhD	Continuing	Wageningen University	Knowledge and networks: Challenges and opportunities for scaling up integrated soil fertility management regimes
Joseph Kimetu	Kenyan	PhD	2005-2008	Cornel University, USA	Restoration of Soils in Western Kenya Using Manure and <i>Tithonia diversifolia</i>
Abdoulaye Saley	Nigerien	PhD	Continuing	North West Univ. South A	Screening forage legumes for adaptation to drought in the dry lands of South Africa
Kanako Suzuki	Japan	PhD	Continuing	Kyoto University	Assessment of organic nutrient uptake in Pearl millet in Niger
Lucy Njaramba	Kenyan	M.A.	Continuing	Institute of Development Studies (IDS), University of Nairobi	Market and demand for soybean by food processing industries and supermarkets in Kenya
Sato Junko	Japanese	PhD	Continuing	Kyoto University Japan	Evaluation of Nutrient Use Efficiency and Crop Residue Management for Water Conservation Under Conservation Agriculture
Miriam Githongo	Kenyan	MSc	Continuing	Nairobi University/ University of Florida	Effects of Sewage Wastewater Irrigation on Soil Macrofauna, Nematodes and Heavy Metals Accumulation in Selected Crops in Selected Areas in

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SI dibe Diarra		PhD	Continuing	Borlaug Scholarship, Hawaii University	Nairobi (Kibera and Maili Saba) Phosphorus Dynamics in Soils in West Africa
Job Kihara	Kenyan	PhD	Continuing	University of Bonn	Conservation Tillage in Western Kenya: Understanding the Biophysical Processes Affecting its Effectiveness
Amek Tom	Kenyan	MA	Continuing	Economics Department, University of Nairobi	Assessment of socio-economic and institutional factors associated with the adoption of IPM strategy by the rural farmers in Taita, Taveta District, Coast Province, Kenya
Helen Anyanzwa	Kenyan	MSc	Continuing	Moi University	Effects of Conservation Tillage, Crop Residue and Cropping Systems on the Dynamics of Soil Organic Matter and Overall Maize-Legume Production: A Case in Teso District
S. Some	Burkinabe	PhD	Continuing	ZEF, Univ. of Bonn Germany	Water Use Efficiency of Sorghum Based Cropping Systems in Dano, Burkina Faso
Kamidodzono Akira	Japanese	PhD	Continuing	JIRCAS	Effects of Longterm Crop Residue Management on Soil Carbon and Nitrogen in Sandy Soils of the Sahel Zone, Niger.
Fatondji Doubedji	Nigerian	PhD	Completed	University of Bonn, Germany	Interaction Between Water Harvesting and Soil Fertility
Wasike Victor	Kenyan	PhD	Continuing	Egerton University.	Genetic Diversity of Dual – Purpose Soybean [<i>Glycine max (L.) Merr.</i>], Indigenous Bradyrhizobia Strains and Their Potential to Fix Nitrogen in Kenya
Kariuki Felix	Kenyan	BSc	Continuing	Nairobi University.	Investigating the VAM Root Infection in Soybean
Musyoki Mary	Kenyan	MSc	Continuing	Kenyatta University	Soil microbiology and bio-functioning
Faye Aliou	Senegalese	Msc	Completed	IRD-Senegal	Contribution à l'étude de la diversité de <i>rhizobiums</i> et leur impact sur la fertilité du sol sous un peuplement naturel d' <i>Acacia nilotica subsp tomentosa</i> Willd: exemple de la forêt classée de Diara au Sénégal

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Margaret Mwangi	Kenyan	MSc	Continuing	Kenyatta Univeristy	Effects of <i>Trichoderma hirzianum</i> and mycorrhizae on growth and disease management in tea cuttings, tomato seedlings and napier grass cuttings
Thomas Ondara	Kenyan	MSc	Continuing	Jomo Kenyatta University of Agriculture and technology	Mycorrhizal status of improved cassava (<i>Manihot esculenta crantz</i>) cultivars in different fertilizer regimes in western Kenya
John Nyaga	Kenyan	BSc	Continuing	Jomo Kenyatta University of Agriculture and technology	Diversity of Arbuscular Mycorrhizal Fungi (AMF) and <i>Fusarium wilt</i> (<i>Fusarium oxysporum</i>) in tissue cultured banana
Abhishek Chandra	Indian	PhD	Continuing	Delhi University, Delhi	Productivity, rhizobia strains and nutrient enrichment potential of <i>Vigna</i> cultivars grown around Nanda Devi Biosphere
Debiyani Sen	Indian	PhD	Continuing	Banaras Hindu University, Varanasi	Isolation and characterization of legume nodulating bacteria
Jagdamba Prasad	Indian	PhD	Continuing	Jawaharlal Nehru University, New Delhi	Soil fauna communities in selected agricultural landscapes of Himachal Pradesh
Kritika Singh	Indian	Ph.D	Continuing	Jawaharlal Nehru University, New Delhi	Impacts of agroforestry trees on soil biological and chemical properties
Meghna Agarwala	Indian	MSc	Completed	Jawaharlal Nehru University, New Delhi	Study of the variation of species diversity of arbuscular mycorrhizal fungi with nutrient concentration in natural ecosystems
Naren Kumar Samal	Indian	MSc	Completed	Jawaharlal Nehru University, New Delhi	Abundance and diversity of nematodes in a village landscape in Garhwal Himalayas
Prashant Kumar Srivastava	Indian	MSc	Completed	Jawaharlal Nehru University, New Delhi	Vesicular arbuscular mycorrhiza and dehydrogenase activity in oak and pine forest in mid altitude central Himalaya
Shibaji Bagar	Indian	MPhil		Jawaharlal Nehru University, New Delhi	Characterising spatial variability in soil macrofauna in a mid altitude village landscape in Garhwal Himalaya
T. Shimrah	Indian	PhD	Continuing	Delhi University, Delhi	Ecosystem study and land use change pattern in the

Name	Nationality	Degree	Status	Institution	Research theme
Tunira Bhadauria	Indian	DBT/ WSP	Continuing	Jawaharlal Nehru University, New Delhi	north-east Himalaya Using earthworms for sustainable agroecosystem development and rehabilitation of degraded lands
Divya Dangwal	Indian	PhD	Continuing	GBPHIED/H.N. B. Garhwal University, Srinagar	Assessment of productivity, nutrient uptake and nitrogenase activity in three selected mountain legume crops under mix and monocropping.
K. P. Chamoli	Indian	PhD	Continuing	GBPHIED/H.N. B. Garhwal University, Srinagar	Documentation of indigenous knowledge related soil fertility maintenance in Central Himalaya agroecosystem
L. S. Rawat	Indian	Post Doc. DST	Continuing	GBPHIED/H.N. B. Garhwal University, Srinagar	Impact of Bio-compost and Vermicompost on yield of Rabi & Kharif season crops
Lalit Kumar	Indian	PhD	Continuing	GBPHIED/H.N. B. Garhwal University, Srinagar	Productivity of agricultural crops and an alpine pasture in Garhwal Himalaya in relation to global environmental change.
Santosh Pant	Indian	MPhil	Continuing	GBPHIED/H.N. B. Garhwal University, Srinagar	Studies on soil macrofauna of buffer zone agroecosystem of NDBR
Shalini Misra	Indian	PhD	Continuing	GBPHIED/H.N. B. Garhwal University, Srinagar	Studies on forest disturbances in different management categories of Kedarnath Wildlife Sanctuary, Uttaranchal
Subho Das Gupta	Indian	PhD	Continuing	GBPHIED/H.N. B. Garhwal University, Srinagar	Soil fauna activity in pastures
V. S. Negi	Indian	PhD	Continuing	GBPHIED/H.N. B. Garhwal University, Srinagar	Studies on village ecosystem function in Rawain valley of Central Himalaya: An ecological - economics approach
Yudvir Singh	Indian	PhD	Continuing	GBPHIED/H.N. B. Garhwal University, Srinagar	Survey and identification of soil macrofauna of NDBR
Himanshu Pande	Indian	PhD	Continuing	Kumaon University, Nainital	Macrofauna diversity and abundance in Nanda Devi Biosphere Reserve

Name	Nationality	Degree	Status	Institution	Research theme
A.N. Sringeswara	Indian	PhD	Continuing	Kuvempu University, Karnataka	Analysis of the vegetation in the Kudremukh National Park region of the western ghats, India. (Submitted)
M.C. Divyananda	Indian	PhD	Continuing	University of Agricultural Sciences, Bangalore	Influence of AM fungi and PGPR's on Kalmegh (<i>Andrographis paniculata</i> Nees)
R. Muthuraju	Indian	PhD	Continuing	University of Agricultural Sciences, Bangalore	Bio-composting of sugar factory and distillery wastes with crop residues
S. Shankar	Indian	PhD	Continuing	University of Agricultural Sciences, Bangalore	Application of <i>Rhizobium</i> to nonleguminous crops
Ajay Rane	Indian	PhD	Continuing	Kerala Forest Research Institute, Peechi	Assessment of soil quality and management practices in different land use types in the Kerala part of Nilgiri Biosphere Reserve
E.C. Baiju	Indian	PhD	Continuing	Kerala Forest Research Institute, Peechi (Registered at FRI, Dehra Dun)	Landuse and landscape dynamics in a micro - watershed of Chaliyar River in Kerala part of Nilgiri Biosphere Reserve
N.K. Binu	Indian	Project Fellow	Continuing	Kerala Forest Research Institute, Peechi	Distribution and diversity of arbuscular mycorrhizal fungi in different landuse systems in the Kerala part of Nilgiri Biosphere Reserve
P. Mujeeb Rahman	Indian	Project Fellow	Continuing	Kerala Forest Research Institute, Peechi (Registered at FRI, Dehra Dun)	Soil faunal diversity under different landuse systems in the Kerala part of Nilgiri Biosphere Reserve
S. Bineesha	Indian	Project Fellow	Continuing	Kerala Forest Research Institute, Peechi	Diversity and dynamics of nitrogen fixing bacteria under different landuse systems in the Kerala part of Nilgiri Biosphere Reserve
Jithendra Kumar Sahu	Indian	Project Fellow	Continuing	Sambalpur University, Orissa	Linkages between soil morphology and soil fauna in natural forests in Nilgiri Biosphere Reserve
Narhari	Indian	Project Fellow	Continuing	Sambalpur University, Orissa	Soil chemical characteristics in relation to soil macrofauna
Debashish Patra	Indian	Project Fellow	Continuing	Sambalpur University, Orissa	Soil ecological studies
Adriana Silva Lima	Brazilian	PhD	Continuing	UFLA	Soils and Plant Nutrition
Alexandre Barberi	Brazilian	PhD	Continuing	UFLA	Soils and Plant Nutrition

Name	Nationality	Degree	Status	Institution	Research theme
Éderson da Conceição Jesus	Brazilian		Continuing	UFLA	Soils and Plant Nutrition
Krisle Silva	Brazilian	MSc	Continuing	UFLA	Soils and Plant Nutrition
Ligiane Aparecida Florentino	Brazilian	BSc	Continuing	UFLA	Fellowship IC/CNPq balcão
João Paulo Andrade Resende Pereira	Brazilian	BSc	Continuing	UFLA	Fellowship IC/CNPq
Paulo Ademar Avelar Ferreira	Brazilian	BSc	Continuing	UFLA	Fellowship IC/CNPq
Michele Aparecida da Silva	Brazilian	BSc	Continuing	UFLA	Fellowship IC/FAPEMIG
Alice de Souza	Brazilian	BSc	Continuing	UFLA	Fellowship IC/CNPq
Márcia Rufini	Brazilian	BSc	Continuing	UFLA	Fellowship IC/PIBIC/CNPq
Gláucia Alves e Silva	Brazilian	MSc	Continuing	UFLA	Soils and Plant Nutrition,
Patrícia Leal	Brazilian	MSc	Continuing	DBI/UFLA	Agricultural Microbiology
Lucas Magalhães de Abreu,	Brazilian	MSc	Continuing	UFLA	Agricultural Microbiology
Ricardo Tadeu Galvão Pereira	Brazilian	PhD	Continuing	UFLA	Phytopathology
Mirian Salgado	Brazilian	MSc	Continuing	UFLA	Fellowship other project
Nívia Silva Dia	Brazilian	PhD	Continuing	UFLA	Entomology
Mônica Silva Santos	Brazilian	MSc	Completed	UFLA	Entomology
Márcia Lídia Gomide	Brazilian	MSc	Completed	UFLA	Genetics
Tatiane Marques	Brazilian	MSc	Continuing	UFLA	Entomology
Gustavo Schifer	Brazilian	PhD	Continuing	UFLA	Ecology
Leticia Maria Vieira	Brazilian	MSc	Continuing	UFLA	Entomology
Ricardo Sousa Cavalcanti	Brazilian	PhD	Continuing	UFLA	Entomology
Vanessa Andaló Mendes de Carvalho	Brazilian	PhD	Continuing	UFLA	Entomology
Antônio Edson de S. Soares	Brazilian	MSc	Continuing	INPA	Agricultura no Trópico Úmido
Agno Accioli	Brazilian	PhD	Continuing	UNB	Entomology
Julie Lunzehirwa	Congolese	MSc	Continuing	University of Kinsasha	Value Chain Analysis for Legumes in Congo
Caren Akech	Kenyan	MSc	Completed	Nairobi University	Social- Economic and Cultural Factors Affecting the Adoption of Integrated Soil Fertility Management Technologies in Emuhaya Division, Vihiga District, Kenya
Rodel Zozo	Congolese	MSc	Continuing		Value Chain Analysis for Legumes in Sud. Kivu
Muke Manzehele	Congolese	MSc	Continuing	University of Kinsasha	Erosion Control in Sud. Kivu
Robert Muziva	Ugandan	PhD	Continuing	Makerere University	Soil Fertility Gradients in Potato Production in South

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Fredrick Ayuke	Kenyan	PhD	Continuing	Wageningen Univ.	West Uganda.
Josephat Muzabo	Rwandese	PhD	Continuing	Rwandese	Soil Fauna and Aggregates Fertilizer Economics in Rwanda
Leon Nabahuuzu	Rwandese	PhD	Continuing	Wageningen University	Watershed Management in Rwanda
Samuel Gituo	Kenyan	PhD	Continuing	Wageningen University	Erosion Control and Conservation Agriculture in Kenya
Isabella Vanderplas	Belgian	PhD	Continuing	Katholiek University, Leuven	Production in Farmer Groups in Kenya
Salome Muriuki	Kenyan	MSc	Completed	Kenyatta University	Phosphorus & Carbon Dynamics AS Affected by Manure Management in Eastern Kenya
Job Ogada	Kenyan	MSc	Continuing	Egerton University	Socio-Economic Determinants of Within- Farm Soil Fertility Gradients In Western Kenya
Oduor Celline Achieng'	Kenyan	MSc	Continuing	Kenyatta University	Policy framework for utilization and conservation of below-ground biodiversity in Kenya
Moses Adama	Kenyan	MA	Continuing	Nairobi University	The Nexus Between Social And Economic Institutions, Intensive Farming And The Management of Belowground Biodiversity: A Study of Wundanyi Division, Taita-Taveta District
Rimberia Benson Mugambi	Kenyan	MSc	Continuing	Nairobi University	Impact of Land use changes on Nematode diversity and abundance in Taita and Embu
Joseph K. Chirchir	Kenyan	MA	Continuing	Nairobi University	Crop production practices and biodiversity conservation in Taita Taveta district
Mwangi Margaret Wanjiru	Kenyan	MSc	Continuing	Nairobi University	Effect of <i>Trichoderma harzianum</i> and arbuscular mycorrhizal fungi on growth and diseases management in teacuttings, tomato seedlings, and napier grass
Peter K. Maina	Kenyan	MSc	Continuing	Nairobi University	The impact of land use on Distribution and Diversity of <i>Fusarium spp.</i> in Ngangao Forest and its adjacent farmlands
Elizabeth Siameto	Kenyan	MSc	Continuing	Nairobi University	Molecular characterization and determination of biocontrol activity of

Name	Nationality	Degree	Status	Institution	Research theme
Mukundi David	Kenyan	MSc	Continuing	Nairobi University	<i>Trichoderma harzianum</i> (Green mould) isolates from Embu District, Kenya. Distribution and diversity of <i>Pythium</i> spp in Irangi and Ngangao forest, Embu, Kenya
Isaac Macharia	Kenyan	PhD	Continuing	Nairobi University	Management of root knot nematodes <i>Meloidogyne</i> spp and Fusarium wilt, <i>Fusarium oxysporium</i> disease complex using biological control agents in Tomato
Miriam Otipa	Kenyan	PhD	Continuing	Nairobi University	Integrated Cropping systems with organic amendments for sustainable soil health
Edward Muya	Kenyan	PhD	Continuing	Nairobi University	Management practice for improved soil structure, nutrient availability and water use efficiency of degraded acid soils.
Peter M. Wachira	Kenyan	PhD	Continuing	Nairobi University	Enhancement of Nematophagous fungi on agricultural systems for biological control of nematodes
Taabu T. Tepeny	Kenyan	PhD	Continuing	Nairobi University	Effect of land use and soil management practices on the control of the Phytopathogenic <i>Rhizoctonia</i> species in Taita hills
Dr. Nelson Ojango	Kenyan	MSc	Completed	Wye College, University of London	Market and demand for soybean by livestock feed industries in Kenya
Justina Nwanganga Chianu	Nigeria	MAPA	Completed	Department of Agricultural Economics, Univ. of Ibadan, Ibadan, Nigeria	Livelihood activities and poverty among rural households in the farming systems of Western Kenya
Odongo Nicodemus Ochieng	Kenyan	MA	Continuing	School of Economics, University of Nairobi	Demand for soybeans: A case study of livestock feed industry in Nairobi, Kenya.
Rachel Zozo Mulangala	Rwandan	MSc	Continuing		Rural livelihoods in Ngweshe: Assessing the influence of the Mugogo market
Njeru Grace N.	Kenyan	MSc	Abandoned	Department of Economics, University of Nairobi	Economic evaluation of technologies aimed at combating Striga in selected districts of western Kenya
Mr. Johnstone	Kenya	MSc	Continuing	Department of	Organic resources and use

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				Agricultural Economics, University of Nairobi, Kabete Campus	in the farming systems of Chuka Division, Meru South, Central Kenya
Kenneth Omondi Owuocha	Kenya	MA	Continuing	School of Economics, University of Nairobi	Analysis of the supply of soybean and soybean products in Nairobi, Kenya.
Josephat Mugabo	Rwandan	PhD	Continuing	Department of Agricultural Economics, Katholique University Leuven	Linking farmers to market: an approach to promote improved technologies and investments in natural resource management in the Eastern Province of Rwanda
Lenni Driessens	Belgian	MSc	Completed	Katholique University Leuven	Participatory Evaluation of Soyabean Adoption Potential in Migori, Kenya.
Roberta Gentile	Canadian	PhD	Continuing	University of California, Davis.	Impacts of Roots on Soil Organic Matter Aggregates and Nitrogen Cycling.
Tunsisa Hurriso	Ethiopian	MSc	Completed	Wageningen University	Soil Fauna Effects on Soil Aggregation

B. TSBF Institute - Latin America

Name	Nationality	Degree	Status	Institution	Research theme
Alvaro Rincón	Colombian	PhD	Completed	National University, Colombia	Integration of maize with forages to recuperate degraded pastures in the Llanos of Colombia
Andrés Rangel	Colombian	PhD	Continuing	University of Hannover, Germany	Mechanisms of aluminum resistance in common bean
Annabé Louw-Gaume	South African	PhD	Continuing	ETHZ, Zurich	Mechanisms of low phosphorus adaptation in <i>Brachiaria</i>
Aracely Castro	Honduran	PhD	Continuing	Nacional University, Colombia	Nutrient dynamics in the Quesungual Agroforestry System
Diana Noguera	Colombian	PhD	Continuing	Universite Paris VI Pierre et Marie Curie	Interactions between soil and worms and analyses of effect on growth and physiology of plants
Sandro Nolan Ipaz Cuastumal	Colombian	PhD	Continuing	National University, Colombia	Diagnóstico y caracterización del sellamiento y encostramiento en Molisoles y Vertisoles bajo sistemas de producción tradicional y agricultura agrosostenible en el Valle del Cauca.
Edier Humberto	Colombian	PhD	Continuing	U. del Valle,	Pollutants and soil water

Name	Nationality	Degree	Status	Institution	Research theme
Pérez Jorge F. Navia	Colombian	PhD	Completed	Colombia National University, Colombia	fluxes Impact of residue quality on beneficial soil biota in root- rot infested soils
Juan G. Cobo	Colombian	PhD	Continuing	Hohenheim University	Spatial and temporal management of nutrient and water resources in Zimbabwe and Mozambique.
Julie Major	Canadian	PhD	Continuing	Cornell University, USA	Reducing nutrient leaching on acid soils through charcoal amendments to soils
Mariela Rivera P.	Colombian	PhD	Continuing	National University, Colombia	Water dynamics in the Quesungual Agroforestry System
Natasha Pauli	Australian	PhD	Continuing	Univ. of Western Australia	The potential of the Quesungual Agroforestry System for soil biodiversity conservation and management in Western Honduras
Nelson Castañeda	Colombian	PhD	Continuing	University of Goettingen, Germany	Genotypic variation in P acquisition and utilization in <i>A. pinto</i> .
Sergio Mejía	Colombian	PhD	Continuing	National University, Colombia	Identification of candidate genes responsible for adaptation of tropical forage grass, <i>Brachiaria</i> to low phosphorus soils
Steve Fonte	American	PhD	Continuing	U.C.Davis, USA	Influence of management practices, litter inputs and earthworm activity on soil fertility and soil organic matter dynamics in the Quesungual Agroforestry System
Twaha Atenyi	Ugandan	PhD	Completed	Agricultural University of Norway	Soil phosphorus transformations and organic matter dynamics in hillsides and savannas of Colombia
Martha Ligia Castellanos	Colombian	PhD	Continuing	National University, Colombia	Tensores edafológicos que condicionan a la disponibilidad de nutrientes para mangle en ambientes sembrados
Belisario Volverás	Colombian	MSc	Continuing	U.de Nariño, Pasto- Colombia	No-tillage systems in hillsides planted with potato.
José Jaumer Ricaurte	Colombian	MSc	Completed	National University, Colombia	Impact of aluminium tolerant <i>Brachiaria</i> genotypes on soil quality characteristics of an Oxisol of the Altillanura of the Meta Department of

Name	Nationality	Degree	Status	Institution	Research theme
Enna Bernarda Diaz B.	Colombian	MSc	Continuing	Nacional University, Colombia	Colombia Distribution of the content of organic carbon in different aggregates, of soils collected from several systems of land use and altitudes of the Cauca river basin of Colombia
Jellin del Carmen Pavón	Nicaraguan	MSc	Continuing	Nacional University, Colombia	Application of the principles of Agroforestral System Quesungual (SAQ) in Nicaragua: Characaterization chemical and physical quality quality of soils from Danta, Somotillo
Jesús H. Galvis	Colombian	MSc	Completed	National University, Colombia	Sealing and crusting in the Llanos
José Augusto Rodríguez T.	Colombian	MSc	Completed	National University, Colombia	Influence of some a amendments in some physical, chemical and biological characteristics of a magnesium soils.
Luis Carlos Pardo	Colombian	MSc	Completed	Universidad del Valle, Cali	Biological erosion in rainforest.
Lyda Zárate	Colombian	MSc	Completed	National University, Colombia	Arbuscular mycorrhizal fungal hyphae dynamics and impact on water stable soil aggregates
Marcela Quintero	Colombian	MSc	Continuing	University of Florida	Measurement and valuation of soil environmental services in the Andes
Oscar Iván Ferreira	Honduran	MSc	Continuing	Nacional University, Colombia	Balances of greenhouse gases in the Quesungual system
Oscar Molina	Colombian	MSc	Completed	National University, Colombia	Effect of residual P fertilizer and organic manure application on mycorrhizal association of maize-bean rotation in P-fixing Andisol in Cauca, Colombia
Juan Carlos Montoya	Colombian	MSc	Continuing	National University, Colombia	Fraccionamiento y caracterización de la materia orgánica y su relación con las propiedades físicas de tres andisoles con cinco sistemas de producción en la zona cafetera colombiana
Nelson Piraneque	Colombian	MSc	Continuing	National University, Colombia	Tensores tedológicos que condicionan la presencia y diseminación del hongo <i>Sclerotium cepivorum</i> en el cultivo de cebolla bulbo en

Name	Nationality	Degree	Status	Institution	Research theme
Agustina Calero	Nicaragua	BSc	Completed	Universidad Nacional Agraria, Nicaragua	Boyacá Physiography of the Rio la Danta microwatershed, Somotillo, Nicaragua.
Andrés Ceballos and Victor Bermúdez	Colombian	BSc	Completed	Universidad del Valle, Cali-Colombia	Charcoal production by small scale producers in Colombia: improvements on the efficiency of production and on safety of production
Andrés Pereira Abella	Colombian	BSc	Continuing	Universidad del Valle, Cali-Colombia	Comparison of NIRS vs MIRS methodologies for analysis of total soil carbon and nitrogen
Denis Valladares	Honduras	BSc	Completed	Escuela Nacional de Ciencias Forestales	Influencia del sistema agroforestal Quesungual en la erosión y calidad del agua
Gettsy Elizabeth Quiñónez Mora	Colombian	BSc	Completed	Universidad del Valle, Cali-Colombia	Estimating total carbon stocks in soils from the Fuquene Lagoon watershed using a Bayesian statistical model
Leslie Fariña	Nicaragua	BSc	Completed	Universidad Nacional Agraria, Nicaragua	Physiography of the Rio la Danta microwatershed, Somotillo, Nicaragua.
Lester Talley	Nicaragua	BSc	Completed	Universidad Nacional Agraria, Nicaragua	Floristic characterization of the Rio la Danta microwatershed, Somotillo, Nicaragua
Luisa Jiménez	Colombian	BSc	Continuing	National University, Colombia	Physicochemical characterization of charcoal for agricultural use
Milton Delcid	Honduras	BSc	Completed	Universidad Nacional Agraria, Nicaragua	Nitrogen response curves to validate the NuMaSS system
Namán Sánchez	Honduras	BSc	Completed	ESNACIFOR, Honduras	Biomass accumulation and nutrient composition of three forest species in the Quesungual system
Osman Contreras	Honduras	BSc	Completed	Universidad Nacional Agraria, Nicaragua	Nitrogen response curves to validate the NuMaSS system
Tomás Gutiérrez	Nicaragua	BSc	Completed	Universidad Nacional Agraria, Nicaragua	Floristic characterization of the Rio la Danta microwatershed, Somotillo, Nicaragua

ANNEX-3: LIST OF PARTNERS

TSBF Institute's research for development programme is implemented through projects implemented with a wide range of partners. These include in particular the scientists from NARES and universities in tropical countries and advanced research institutes and universities in developed countries, who are members of the programme networks, of which the largest is the African Network for Soil Biology and Fertility (AfNet) followed by MIS and SARNet. Other projects are implemented through CGIAR system-wide programmes (SWPs) such as AHI and Challenge Programme. Donors for TSBF projects currently include, in addition to the Rockefeller Foundation, CIDA, IDRC, DIFD, IFAD, DANIDA, BMZ, NORAD, USAID, ACIAR and UNEP-GEF and the consortia of donors to the CGIAR's SWPs and CPs. Some of these projects fund the TSBF-CIAT outposted staff in Zimbabwe, Uganda and Honduras.

At the regional basis TSBF-CIAT's alliance with ICRAF and the NARS in East and Southern Africa will be expanded to ICRISAT and CIMMYT and possibly to IITA and WARDA in West Africa. Cooperation with FARA and other regional organization such as ASARECA, CORAF and SACCAR will be strengthened. In Latin America collaborative research work is being carried out in Central American hillsides with the MIS consortium, in the Andean hillsides region with CONDESAN and CORPOICA and in the tropical savannas of the Llanos with CORPOICA and the local universities.

TSBF Institute-Africa

NARS: Kenyatta University, Kenya, VLIR project on food security in Central Kenya; RF soybean project; JKUAT, Kenya, RF banana project; NARO, Uganda and LZARDI, Tanzania, DfID project on striga management in the Lake Victoria Basin; NARO, Uganda, RF project on exploring soybean potential in East Africa; KARI, Kenya, DfID project on striga management in the Lake Victoria Basin; University of Zimbabwe, Zimbabwe, NSF project on soil aggregation; Soil Research Institute, Ghana, NSF project on soil aggregation; INERA, D R Congo, ISAR, Rwanda, DGDC project on legume integration in systems in Central Africa; DGDC project on banana management in Central Africa; ISABU and IRAZ, Burundi, DGDC project on banana management in Central Africa; University of Kinshasa and University of Bukavu, D R Congo, VLIR project on cassava in D R Congo; Forest Dept of CIRAD, France, Kenyan Forestry Research Institute, Kenya, FOFIFA, Madagascar INCO DEV FOREAIM on Bridging restoration and multi-functionality in degraded forest landscape of Eastern Africa and Indian Ocean islands; INERA-DPF, Burkina Faso and Forest Dept of CIRAD, France, project CORAF/Gomme Arabique on Impact de l'inoculation par les rhizobiums sur la productivite de gommaraies plantees ou naturelles et la dynamique de facteurs lies au fonctionnement biologique des sols sous-jacents; INERA, Burkina Faso, ISRA, Senegal, FOFIFA, Madagascar, project ANR/MICROBES project on microbial observatories for the management of soil ecosystem services in the tropic; KEFRI, Kenya, Forest Dept of CIRAD, France and Grassland Research Station, Zimbabwe, project INCO DEV SAFSYS on Symbionts in agroforestry systems: what are the long-term impacts of inoculation of *Calliandra calothyrsus* and its intercrops; Antananarivo University, Madagascar and University of Makerere, Uganda project INCO DEV FOREAIM on Bridging restoration and multi-functionality in degraded forest landscape of Eastern Africa and Indian Ocean islands; University of Niamey, Niger and University Cheikh Anta Diop, Senegal, project CORAF/Gomme Arabique on Impact de l'inoculation par les rhizobiums sur la productivite de gommaraies plantees ou naturelles et la dynamique de facteurs lies au fonctionnement biologique des sols sous-jacents; Institut National de Recherches Agronomiques du Niger (INRAN); Niamey/Niger; Institut d'Economie Rurale (IER), Mali; ARS, Chilanga Zambia (Moses Mwale); EARO (Ethiopian Agricultural Research organization), Ethiopia; Ahmadu Bello University, Nigeria; ARI Mlingano, Tanzania; Egerton University, Kenya; University of Nairobi, Nairobi, Kenya (Rosemary

Atieno); Makerere University, Kampala, Uganda (Elizabeth K. Balirwa, Jonny Mugisha, John Baptiste, Mary Silver); Lake Basin Development Authority (Kenya) (Amos Ameya); Selian Agricultural Research Institute (Tanzania) (Sossi Kweka and Festo Ngulu); Southern Regions Research Institute, Ethiopia. IIAM, Mozambique project on Linking Farmers to Markets.

Advanced Research Institutes: J Six, University of California Davis, USA, NSF project on soil aggregation; R Merckx, Catholic University of Leuven, Belgium, VLIR project on food security in Central Kenya; E Tollens, Catholic University of Leuven, Belgium, DGDC project on legume integration in systems in Central Africa; R Swennen, Catholic University of Leuven, Belgium, DGDC project on banana management in Central Africa; S Recous, INRA, France, VLIR project on food security in Central Kenya; K Giller, WUR, Netherlands, EU project on AfricaNUANCES; L Brussaard, L Stroosnijder, WUR, Netherlands, WOTRO project on soil fauna and soil aggregation; Institut de Recherche pour le Developpement, France, project CORAF/Gomme Arabique on Impact de l'inoculation par les rhizobiums sur la productivite de gommeraiies plantees ou naturelles et la dynamique de facteurs lies au fonctionnement biologique des sols sous-jacents; Institut de Recherche pour le Developpement, France, Centre of Ecology and Hydrology, UK' University of Norway, project INCO DEV FOREAIM on Bridging restoration and multi-functionality in degraded forest landscape of Eastern Africa and Indian Ocean islands; GSF-Munich, Germany and Institut de Recherche pour le Developpement, France project ANR/MICROBES project on microbial observatories for the management of soil ecosystem services in the tropic; Centre of Ecology and Hydrology and, Scottish Agricultural College UK, project INCO DEV SAFSYS on Symbionts in agroforestry systems: what are the long-term impacts of inoculation of *Calliandra calothyrsus* and its intercrops; BIOFORSK Soil, Water and Environment, Norway; JIRCAS (Japan International Research Center for Agricultural Sciences), Japan; Wye College, University of London (Colin Poulton); Kyoto University, Kyoto, Japan (Atsuyuki Asami); Ishikawa Prefectural University, Japan (Hiroshi Tsujii); University of Kiel, Kiel, Germany (Roll A.E. Mueller); Universite Catholique de Louvain (Eric F. Tollens); Swedish Univ. Agric. Sci (SLU), Uppsala, Sweden (Olof Andrén), University of Natural Resources and Applied Life Sciences (BOKU), Vienna Project on Linking Farmaers to Markets.

International Agricultural Research Centres: IITA, Uganda, RF project on ISFM for bananas; DGDC project on banana management in Central Africa; IITA, Nigeria (Alene Arega, David Chikoye, Robert Abaidoo); ICIPE and CIMMYT Kenya, DfID project on striga management in the Lake Victoria Basin; CIMMYT, Kenya, AATF project on striga management in Western Kenya; IFDC, Togo, WOTRO project on soil fauna and soil aggregation; INIBAP, Uganda, DGDC project on banana management in Central Africa; ICRAF, Kenya, RF project on soil fertility gradients and site-specific soil fertility management; ICRISAT, Niger; Centre d'Etude Régional pour l'Amélioration de l'Adaptation à la Sécheresse (CERAAS/ISRA); West African Rice Development Authority (Patrick M. Kormawa); African Highlands Initiative, Ethiopia.

International and Regional Agricultural Research Centers: CIMMYT, Kenya: Hugo de Groote, Mirjam Pulleman; CIP, Kenya: Charles Crissman; ICRAF, Kenya: Frank Place, Steve Franzel, Noordin Qureish, Bashir Jama, Richard Coe, Keith Shepherd; ICRISAT, Kenya: Ade Freeman; ICRISAT, Mali: Tabo; ICRISAT, Niger: Aboudoulaye, Abdoulaye and Mahamane; ICRISAT, Zimbabwe: John Dimes; IITA Ibadan, Nigeria- Abdou; IITA Uganda: Piet van Asten, Cliff Gold, Suleiman Okech; ILRI, Kenya: Patti Kristjanson, Steve Staal, Philip Thornton, Mario Herrero, Dannie Romney; ICIPE: Zia Khan; AATF: Mpoko Bokanga; West African Rice Development Authority – Patrick M. Kormawa; International Institute for Tropical Agriculture – Alene Arega, David Chikoye, Robert Abaidoo.

NGOs: FIPS, Kenya, RF project on soil fertility gradients and site-specific soil fertility management; SACRED-Africa, Kenya, RF soybean project; Diobass and Food for the Hungry, D R Congo, DGDC project on legume integration in systems in Central Africa; DGDC project on banana management in

Central Africa; UR2PI, Congo, ANR/MICROBES project on microbial observatories for the management of soil ecosystem services in the tropic; Hunger Project/Burkina Faso; Groupe d'Action pour le Développement Communautaire (GADEC) ; Tambacounda/Senegal; Union des Groupements Paysans de Mekhe (UGPM/Senegal); Projet Intrants/Niger; Groupement Nabonswendé de Tougouri/Burkina; Entente des Groupements Associés de Toubacouta (EGAT)/Senegal; Caritas-Kaolack/Senegal; AfriAfya (Caroline Nyamai-Kisia); CRS (Tom Remington); Farmers' Own Trading Company (Tony Margetts) Africa2000 Network, UEEF, Africare (Uganda).

The Private Sector: TSBF-Africa is also working with a wide array of private sector and farmers associations. Some of those involved in Kenya as an example include: Western Seed Company (Kenya)– Saleem Esmail; BIDCO OIL REFINERIES LIMITED (Kenya) – Dileswar Pradhan, Ashish Mandlik; Mukwano Group of Companies (Uganda) – Ibnul Hassan Rizvi; NUTRO MANUFACTURING EPZ LIMITED – Simon Glover; Ebulala Self-Help Group (Shianda Location of Butere Division, Kenya); Tushiauriane Self Help Group (Eluche Sub-location, Kenya); Nabongo Panga Self-Help Group (Matawa Sub-Location, Nabongo Location, Kenya); Jitolee Women Group (Lukohe sublocation, North Marama location, Butere Division, Kenya); Etako Women Group (Lukohe sublocation, North Marama location, Butere Division, Kenya); Bushe Women Group (Butere Division, Kenya); Shishebu farmers' Group (Shianda location, Butere Division, Kenya); Mabole farmers' field school (Shianda location, Butere Division, Kenya); Masaa Men and Women Group; Eluche Mwangaza Community Dev't Organization (Eluche Sublocation, Mumias Division, Kenya); Uriri farmers' cooperative society (Migori District, Kenya); Suna farmers' cooperative society (Migori District, Kenya) AMFRI farms (Uganda), Olivine Industries, Harare, Reapers (Pvt) Ltd, Harare.

TSBF Institute-Latin America

ARIs: CIP, CIAT, IWMI, DIIS (Denmark), GTZ (Germany).

NARS: CORPOICA – La Libertad, Colombia: A. Rincón, R. Valencia, J.J. Rivera, C.J. Escobar; CORPOICA – Macagual, Colombia: C. Escobar; EMBRAPA – Soils, Brasil: H.Coutinho, C. Manzatto, A. de Andrade, A. Armalo; EMBRAPA – Cerrados, Brasil: J.R. Correia; EMBRAPA – Agrobiologia, Brasil: A. Aquino; EMBRAPA – Cassava and Fruit Crops: A. Vilar Trindade; PROMIC (Bolivia); CEDEPAS (Peru); Dario Maya Botero Foundation (Colombia); CAR (Colombia); Regional Government, Moyobamba (Peru); The aqueduct company of Moyobamba EPSA (Peru); PROMACH (Ecuador); ECOPAR (Ecuador); Ing. Hernán Campos, Ing. Ruddy Meneses Arce, CIF “La Violeta”, Cochabamba, Bolivia

NGOs:

CENIPALMA, P.L. Gómez, F. Munevar.

Specialized Institutions: ETH, Zurich, Switzerland: Prof. E. Frossard, A. Oberson; Agricultural University of Norway, Norway: Prof. B.R. Singh; University of Gottingen, Germany: Prof. N. Claassen; University of Montana, USA: M.Rillig; Cornell University, USA: J.Thies, M.Devare, J.Duxbury, L.Alee, J.Losey; University of California-Davis, USA: J. Six; Universidade Federal Rural de Rio de Janeiro, Brasil: R. Berbara; University of Western Australia, Australia: A. Conacher; Zhejiang University, China: W. Wu; University of Duke, U.S.A: Prof J. Reynolds; University of New Mexico, U.S.A.: Jeff Herrick; Colegio de la Frontera Sur, México: Luis García Barrios; North Carololina State University: Prof. Jot Smyth; University of Hannover, Germany: Prof. Walter Horst; Yamagata University, Japan: Prof. T. Wagatsuma; Hokkaido University, Japan: Dr. M. Osaki and Dr. T. Shinano; JIRCAS, Tsukuba, Japan: Dr. G. V. Subbarao, T. Ishikawa and Dr. O. Ito.

International Agricultural Research Centers: CATIE, Costa Rica: J. Beer; ICRAF: R.Coe, K. Shepherd; IFDC, USA: D. Friesen; IWMI, Thailand: A. Noble; IRD, France: P. Lavelle, J.L. Janeau and C. Prat; FAO-Honduras: C.Paul, L.A. Welchez.

National Universities: Universidad Nacional de Colombia: M.Sánchez de Prager, Juan C. Menjivar, M. Prager, E. Madero; Universidad Nacional de Agricultura, Catacamas, Honduras: J. Reyes and W.Reyes; Escuela Nacional de Ciencias Forestales-ESNACIFOR, Honduras: P. Dubon, Z. Martínez; Centro Universitario Regional del Litoral Atlántico-CURLA, Honduras: Manuel López; Universidad Nacional Agraria de Nicaragua: M. Somarriba, I. Rodríguez, G. Bonilla; Universidad de los Andes (Colombia); Universidad Javeriana (Colombia); University of Florida (USA).

Private sector: CORPOMORTIÑO (Colombia), AGROALIZAL (Colombia), Ford Foundation

Others: FINAGRO (Fondo Nacional de Garantías Agropecuarias)

ANNEX-4: LIST OF PUBLICATIONS

TSBF Institute - Africa

Refereed journal articles

Journal articles published in 2006

- Bado, B.V., Bationo, A. and Cescas, M.P. 2006. Assessment of cowpea and groundnut contributions to soil fertility and succeeding sorghum yields in the Guinean savannah zone of Burkina Faso (West Africa). *Biology and Fertility of Soils* 43: 171-176.
- Barrios, E., Delve, R.J., Bekunda, M., Mowo, J., Agunda, J., Ramisch, J., Trejo, M.T. and Thomas, R.J. 2006. Indicators of Soil Quality: A South-South development of a methodological guide for linking local and technical knowledge. *Geoderma* 135: 248-259.
- Bationo, A., Waswa, B., Kihara, J. and Kimetu, J. 2006. Advances in integrated soil fertility management in sub-Saharan Africa: challenges and opportunities. *Nutrient Cycling in Agroecosystems* 76(2-3): 109-136.
- Chianu, J.N., Tsujii, H. and Awange, J. 2006. Environmental impact of agricultural production practices in the savannas of northern Nigeria. *Journal of Food, Agriculture & Environment-JFAE* Vol. 4(2): 00-00.
- Chianu, J., Vanlauwe, B., Mukalama, J., Adesina, A. and Sanginga, N. 2006. Farmer evaluation of improved soybean varieties being screened in five locations in Kenya: Implications for research and development. *African Journal of Agricultural Research* Vol.1(5): 143-150.
- Faye, A., Sarr, A. and Lesueur, D. 2006. Effect of inoculation with rhizobia on the gum-arabic yield of 10-year-old *Acacia Senegal* trees. *Arid Land Research Management*, 20(1): 79-85.
- Kimetu, J.M., Mugendi, D.N., Bationo, A., Palm, C.A., Mutuo, P.K, Kihara, J., Nandwa, S. and Giller, K. 2006. Partial balance of nitrogen in a maize cropping system in humic nitisol of Central Kenya. *Nutrient Cycling in Agroecosystems* 76: 261-270.
- Mafongoya, P.L., Bationo, A., Kihara, J. and Waswa, B.S. 2006. Appropriate technologies to replenish soil fertility in southern Africa. *Nutrient Cycling in Agroecosystems* 76: 137-151.
- Maithya, J.M., Kimenye, L.N., Mugivane, F.I. and Ramisch, J.J. (2006). Profitability of agro-forestry based soil fertility management technologies: the case of small holder food production in western Kenya. *Nutrient Cycling in Agro-Ecosystems* 76(2-3): 355-367.
- Odendo, M., Ojiem, J., Bationo, A. and Mudeheri, M. 2006. On-farm evaluation and scaling-up of soil fertility management technologies in western Kenya. *Nutrient Cycling in Agroecosystems* 76: 369-381.
- Ohiokpehai, O. 2006 Expanding Phane: A nutritionally Rich Local Food in Southern Africa *JFAE* V4 (3&4): 26-32,
- Okalebo, J.R., Othieno, C.O., Woome, P.L., Karanja, N.K., Semoka, J.R.M., Bekunda, M. A., Mugendi, D.N., Muasya, R.M., Bationo, A. and Mukhwana, E.J. 2006. Available technologies to replenish soil fertility in East Africa. *Nutrient Cycling in Agroecosystems* 76: 153-170.
- Ouattara, B., Ouattara, K., Serpantie, G., Mando, A., Sedoso, M.P. and Bationo, A. 2006. Intensity cultivation induced effects on soil organic carbon dynamic in the western cotton area of Burkina Faso. *Nutrient Cycling in Agroecosystems* 76: 331-339.
- Pypers, P., Delrue, J., Diels, J., Smolders, E. and Merckx, R. 2006. Phosphorus intensity determines short-term P uptake by pigeon pea (*Cajanus cajan* L.) grown in soils with differing P buffering capacity. *Plant & Soil* 284: 217-227.
- Pypers, P., Van Loon, L., Diels, J., Abaidoo, R., Smolder, E. and Merckx, R. 2006. Plant-available P for maize and cowpea in P-deficient soils from the Nigerian Northern Guinea savanna – comparison of *E*- and *L*-values. *Plant & Soil* 283, 251-264.

- Ramisch, J.J., Misiko, M.T., Ekise, I.E. and Mukalama, J.B. 2006. Strengthening “Folk Ecology”: Community-based learning for integrated soil fertility management, western Kenya. *International Journal of Agricultural Sustainability*, 4(2): 154-168.
- Rufino, M.C., Rowe, E.C., Delve, R.J. and Giller, K.E. 2006. Nitrogen cycling efficiencies through resource-poor African crop-livestock systems: A review. *Agriculture Ecosystems and Environment* 112: 261-2
- Schlecht, E., Buerkert, A., Tielkes, E. and Bationo, A. 2006. A critical analysis of challenges and opportunities for soil fertility restoration in Sudano-Sahelian West Africa. *Nutrient Cycling in Agroecosystems* 76(2-3): 109-136
- Tabu, I.M., Obura, R.K., Bationo, A. and Mumera, L. 2006. Effect of soil fertility management and nitrogen fertilizer rate on maize yield in smallholder farmers’ fields. *Journal of Agronomy* 5(2): 191-195.
- Tittonell, P., Leffelaar, P.A., Vanlauwe, B., Van Wijk, M.T. and Giller, K.E. 2006. Exploring diversity of crop and soil management within smallholder African farms: a dynamic model for simulation of nutrient (N) balances and use efficiencies at field scale. *Agricultural Systems* 9: 71-101.
- Vanlauwe, B. and Giller, K.E. 2006. Popular myths around soil fertility management in sub-Saharan Africa. *Agriculture, Ecosystems and Environment* 116, 34-46.
- Vanlauwe, B., Tittonell, P. and Mukalama, J. 2006. Within-farm soil fertility gradients affect response of maize to fertilizer application in western Kenya. *Nutrient Cycling in Agroecosystems* 76(2-3): 171-182.

Journal articles published in 2007

- Zingore, S., Murwira, H.K., Delve, R.J. and Giller, K.E. 2007. Influence of nutrient management strategies on variability of soil fertility, crop yields and nutrient balances on smallholder farms in Zimbabwe. *Agriculture Ecosystems and Environment* 119: 112-126.
- Zingore, S., H. K. Murwira, R. J. Delve and K. E. Giller. 2007. Soil type, historical management and current resource allocation: three dimensions regulating variability of maize yields and nutrient use efficiencies on smallholder farms. *Field Crops Research* 101: 296 – 305.

Journal articles in press

- Bationo, A., Kihara, J., Vanlauwe, B., Waswa, B.S. and Kimetu, J. 2007. Soil organic carbon dynamics, functions and management in West African agro-ecosystems. *Agricultural Systems* (in press).
- Chianu, J., Ohiokpehai, O., Vanlauwe, B., Adesina, A. and Sanginga, N. 2007. An approach for promoting a versatile crop that has remained minor: Case of soybean farming systems of Kenya. *Food policy* (in press).
- Kimetu, J.M., Mugendi, D.N, Bationo, A., Palm, C.A., Mutuo, P.K., Kihara, J, Nandwa, S. and Giller K. 2007. Tracing the fate of nitrogen in a humic nitisol under different management practices in Kenya. *Nutrient cycling in agroecosystems* (in press).
- McNair, W.B., Bado, V.B., Bationo, A., Soler, C.T., Hoogenboom, G. and Jones, J.W. 2007. Soil carbon dynamics and crop residue yields of cropping systems in the Northern Guinea Savanna of Burkina Faso. *Soil and Tillage Research* (in press).
- Ohiokpehai, O., Kimiywe, J., Mbithe, D. and Sanginga, N. 2007. Feeding patterns and practices among households with children aged 6-59 months in Mbita Division Suba District Kenya. *JFAE* (in press).
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