

CURRICULUM VITAE

PERSONAL DETAILS

NAME : Getachew Tikubet
DATE OF BIRTH :
SEX :
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NATIONALITY :
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Email: getachewtikubet@gmail.com

ACADEMIC RECORD

- 1972-1973 Diploma in Life Science, Prince Bede Mariam Demonstration Secondary School
- 1973-1977 Bachelor of Science, Addis Ababa University
- 1977-1980 Masters of Science, Addis Ababa University. Title of thesis: "Studies on tsetse flies of the Finchaa River Valley, Western Ethiopia."
- 1985-1988 Ph.D. in Biology under the African Regional Post-graduate Programme in Insect Science (ARPPIS) through the University of Sierra Leone. Title of thesis "Tsetse ecology and trypanosomiasis challenge in Southwestern Ethiopia."
- 1988-1989 Post Graduate training in Ecological Systems, Oxford University
- 1990-1991 Post Graduate training in principles of Trypanosomiasis epidemiology and integrated tsetse control
- 2000- present Adjunct professor Biological Science, California State University
- 2000-present Principal-Scientist, International Center of Insect Physiology and Ecology (ICIPE)
- 2000- present CEO and Founder of the Yeha Natural Resource Management Institute for Eastern Africa.
- 2005- present IPM Post-graduate course instructor, Addis Ababa University

WORK EXPERIENCE

- 2010-present Principal Scientists and Director of Operation – Bioeconomy Africa (BEA)
- 1988-present CEO & Founder of Integrated Biofarm Enterprise (UN-Global Compact Company)
- 1988-present Resident Scientist/Regional Representative International Center of Insect Physiology and Ecology (ICIPE) and Adjunct Professor California State University Biological Science Department
- 1995-present President and Co-Founder of Bioeconomy Foundation
- 1983-1988 PhD Scholar and Post Doctoral fellow, ARPPIS & Oxford University
- 1982-1983 Addis Ababa University Lecturer
- 1978-1982 Graduate Assistant/Assistance Lecturer Addis Ababa University

SCHOLARSHIPS AND PRIZES

- 1975 Scholarship from the Ministry of Education for Special Training.
- 1977 "Teacher of the year", St. Joseph School and Felege Yordanos Schools.
- 1976-1979 Scholarship from the Ethiopian Government for Higher Training
- 1979-1981 Swedish Aid for Scientific Research (SAREC) Scholarship for post-graduate training
- 1981 ICRO/UNESCO/ICIPE Scholarship for short-term training in Insect Physiology
- 1982 ILCA/ILRAD Scholarship for training in Tropical Animal Diseases
- 1985 UNDP/ICIPE Scholarship for short-term training in Integrated Pest Management
- 1985-1989 ICIPE/ILCA/DAAD Scholarship for ARPPIS
- 1995 WHO Award for developing the Biofarm system
- 1996 Award from Environment Restoration and Sustainable Development Authority - for the innovative Biocycling system



2002	ESRDF - Award for development the best model for Poverty Reduction and Food Security in Ethiopia, Farmers to PhD training program.
2002	<ul style="list-style-type: none"> ◆ Women group award for innovative technology transfer ◆ Sagure farmers, Arsi Award for Biofarm technology transfer and Practical training
2003-present	Special award/grant by WHO – African Regional office for Community Based Disease Control and Sustainable Agriculture for Poverty Reduction and Human Health Improvement
2010	National Green Hero Award Winner
2013	Best Practice Award for food security and sustainable development
2016	Best Farmer Training and Demonstration Model

PROFESSIONAL ASSOCIATIONS

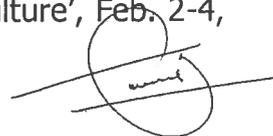
1. 1999 - 2000 Founder President of Addis Ababa East Rotary Club
2. 2000 - to present Founding Board Member and Secretary General of Ethiopian Society for Appropriate Technology
3. 2002 - to present Founding Board Member of Praxis Ethiopia (EAST) Foundation
4. 2002 - to present Founding Board Member of Praxis Ethiopia Alliance
5. 2003 - to present Founding Member of ARPPIS Scholars Association (ASA)
6. 2003 - to present Founder President of Bioeconomy Association (BEA)
7. 2003 - to present Founding Board Member Sustainable Development Institute (SDI)
8. 2004 – to present Founding Board of Fana Integrated Community Development Organization (FICDO)
9. 2004 - to present Member of the African Insect Scientists (AIS)
10. 2005- to present Founder Member of the Biofarm Consortium (BC)
11. 2006 - to present Member of the Society of American Foresters (SAF)
12. 2006 - to present Member of International Society of Tropical Foresters (ISTF)
13. 2006- 2008 Principal Scientist- Bio Economy Africa



14. 2008-2014 Lead Scientist for the design and implementation of green energy, wealth creation and sustainable development
15. 2014-2016 Sub-grantee for Ethiopian Agricultural Transformation Agency to establish modern and innovative Farmer training centers

PUBLICATIONS (Selected contributions)

- Abate, A. and **Girma, M.** 2004. Attraction of tsetse fly to NG2G traps containing different blends of odour baits in three vegetation types. *Pest Management Journal of Ethiopia*. 8:15-21.
- Abreha, A.; **Tikubet, G.** and **Baumgaertner, J.** (2003) Resource Management for Poverty Reduction, Approaches & Technologies, pp 210.
- Baumgaertner, J.; Tikubet, G.;** Gilioli, G.; Bieri, M., 2003 – Managing Ecosystems to Improve Human Health and Alleviate Poverty- In: ASEFFA ABREHA, **GETACHEW TIKUBET**, BAUMGÄRTNER, J. (eds.): Resource Management for Poverty Reduction Approaches & Technologies. Ethiopian Social Rehabilitation and Development Fund, Addis Ababa, Ethiopia: pp 179-186.
- Baumgärtner J.;** Achola O; Pala & Trematerra, P. 2005. Sociology in IPM. In: KOUL, O. and CUPERUS, G. (eds.). Ecologically-based Integrated Pest Management. CABI (in press).
- Baumgärtner, J. &** Gilioli, G. 2005. Some concepts in ecosocial system management for sustainability enhancement. PRAXIS Ethiopia conference proceedings. Addis Ababa (in press).
- Baumgärtner, J. &** Gilioli, G. 2005. Some concepts in ecosocial system management for sustainability enhancement. PRAXIS Ethiopia conference, Sept. 27 – 29, Addis Ababa, Ethiopia.
- Baumgärtner, J. &** Gilioli, G. 2007. Managing resilience for sustainable development of an Ethiopian periurban community. (in prep., Global Environmental Change).
- Baumgärtner, J.** and Gilioli, G. 2006. Emerging conceptual framework for managing complex ecosocial systems. *Ecological Complexity* (subm. 2006).
- Baumgärtner, J.&** Gilioli, G. 2005. Perspectives in ecosocial systems Intern. Workshop 'Ecosystem Management and Agriculture', Feb. 2-4, Alghero, Italy.



- Baumgärtner, J.; Gilioli, G.; Getachew, T.** and Gutierrez A.P., 2006 - Eco-social analysis of an East African agro-pastoral system: management of tsetse and bovine trypanosomiasis. – *Ecological Economics* (in press, 2006).
- Baumgartner, J.; Tikubet, G.; Girma, M.;** Sciarretta, A.; **Ballo, S.** and Trematera, P., 2004. Cases for adaptive ecological systems management. *Redia* 86 : pp. 165-172.
- Gilioli G. & **Baumgärtner J.** 2005. Conceptual framework for integrating adaptive management of tick-disease-livestock systems into ecosocial system sustainability enhancement schemes in East African communities. . 5th International Conference on Ticks and Tick-borne Pathogens. TTP5. Université de Neuchâtel, Suisse, 28.8. – 2.9.2005
- Gilioli, G. & **Baumgärtner, J.** 2005. Enhancement of ecosocial system sustainability under stressed conditions. Intern. Workshop 'Ecosystem Management and Agriculture', Feb. 2-4, Alghero, Italy.
- Gilioli, G. & **Baumgärtner, J.** 2006. Adaptive ecosocial system sustainability enhancement in Sub-Saharan Africa. *EcoHealth* (submitted 2006).
- Gilioli, G., Groppi, M., Vesperoni, M.P., **Baumgärtner, J.**, 2006. Analysis of a disease transmission model on the population dynamics of of *Rhipicephalus appendiculatus* (Acari: Ixodidae) and cattle infected by East Coast Fever. *Prev. Vet. Med.* (subm. 2006).
- Gilioli, G.; **Baumgärtner, J.** & Vacante, V. 2003. Biological control as an ecosystem management tool for enhancing environmental sustainability enhancement. *Redia* LXXXVI: 173-185.
- Gilioli, G.; Groppi, M.; Vesperoni, M.P. & **Baumgärtner J.** 2005. Development of a disease transmission model for representing the population dynamics of Africa's Brown Ear Tick *Rhipicephalus appendiculatus* (Acari: Ixodidae) and cattle infected by East Coast Fever: Applications in an adaptive system management framework. 5th International Conference on Ticks and Tick-borne Pathogens. TTP5. Université de Neuchâtel, Suisse, 28.8. – 2.9.2005.
- Gillioli, G.; **Baumgartner, J.** 2006 – adaptive ecosocial system sustainability enhancement in Sub-Saharan Africa, *Ecohealth* (subm. 2006).
- Herren, H.R., Baumgärtner, J.,** Gilioli, G., 2006. Adaptive management for ecosystem sustainability enhancement: the way forward. In: S. Scherr and J. McNeely (Editors), *Art and Science of Ecoagriculture*. Washington, D.C., Island Press (in press).



- Negash, M.; **Girma, M.** and Seyoum, M. 2004. Seasonality and Diel Activity pattern of *Glossina morsitans submorsitans* (Diptera:Glossinidae) In Ghibe river valley, Southwest Ethiopia. *Ethiop. J. Sci.* 27(2): pp 135-142,
- Sciarretta, A., **Girma, M.; Tikubet, G.; Belayehun, L.; Ballo, S. & Baumgärtner, J.** 2005. Development of an adaptive tsetse population management scheme for the Luke community, Ethiopia. *J. Med. Entomol.* 42: 1006-1019.
- Sciarretta, A.; **Baumgärtner, J. & Tikubet, G.** 2004. Sviluppo di un sistema di monitoraggio per il miglioramento della lotta alla mosca Tsé-Tsé (*Glossina* spp.). Pp. 152-155. In: DALLA MARTA, A. & ORLANDINI, S. (eds.) III Giornate di studio. Metodi numerici, statistici e informatici nella difesa delle colture agrarie e delle foreste: ricerca ed applicazioni. Firenze, November 24-26.
- Sciarretta, A.; **Baumgartner, J.; Tikubet, G.; Girma, M.;** Trematerra, P. 2005. Design of a trapping system for monitoring The Spatio temporal occurrence of tsetse (*Glossina spp. Diptera*). *Rivista Italiana di Agrometrologia* 24 29 (3).
- Sciarretta, A.; **Girma, M.; Tikubet, G.; Belayhun, L.; Ballo, S. and Baumgartner, J.** 2005. Development of an adaptive tsetse population management scheme for Luke community, Ethiopia. *J. Med. Entomol.* 42(6): pp 1006-1019.
- Sithanantham, S.; **Baumgärtner, J.** & Matoka, C. 2004. Ecosystem approach for management of *Helicoverpa armigera*: SCOPE in Eastern Africa. Pp. 129- 134. In: MOHAMMED DWAD, S. SITHANANTHAM & TADESSE GEBREMEDHIN (eds.), African Bollworm management in Ethiopia, Status and Needs. Proceedings of the National Workshop held at the Plant Protection Centre, Ambo, Ethiopia, during 17-19 April, 2002.
- Tikubet, G.** (2003) Community Based Integrated Tsetse and Trypanosomiasis Roll-back. *Integrated Resource Management - Community Based Integrated Approach and Technologies*, pp 450.
- Tikubet, G.** (2003). *Integrated Resource Management - Biofarm Approach. Resource Management for Poverty Reduction: Approaches and Technologies, Ethiopian Social Rehabilitation and Development Report.* pp 450.
- Tikubet, G.** (2004) *Integrated Biofarm System Application in Five Ecological Zones, in Sustainable Agriculture in Sub-Saharan Africa.* pp 300.

- Tikubet, G.** (2006) Community Driven, Double Green Evolution followed by Revolution for Africa, An Innovative Approach: New solutions to old problems, paper presented to the Helvetas General Assembly. pp 50.
- Tikubet, G.** (2006) Eco-social Systems and Community Based Development for Poverty Reduction and Environmental Restoration, pp 250.
- Tikubet, G.,** (2005) Biofarming at model sites with community-driven tsetse (*Glossina spp. Diptera*) and bovine trypanosomiasis management in Ethiopia, ICIPE, biennial scientific report. pp 146-150.
- Tikubet, G.; Ballo, S.;** Birhanu, A., 2003 - Community-based tsetse (*Glossina spp. Diptera*) control: a model project within a sustainable agriculture framework.- In: ASEFFA ABREHA, **GETACHEW TIKUBET**, BAUMGÄRTNER, J. (eds.): Resource Management for Poverty Reduction Approaches & Technologies. Ethiopian Social Rehabilitation and Development Fund, Addis Ababa, Ethiopia: pp 153-164.
- Tikubet, G.; Baumgartner, J.; Girma M.; Ballo, S.; Hagos, T.; Belayhun, L.;** Gilioli, G., and Sciarretta, A., (2005). Community driven tsetse (*Glossina spp. Diptera*) and bovine trypanosomiasis management at different models sites in Ethiopia, ICIPE, biennial scientific report. pp 146-150.
- Tikubet, G.; Belayhun, L.;** Sciarretta, A.; Gilioli, G.; **Hagos, T.;** Trematerra, P.; Gutierrez, A.P. and **Baumgärtner, J.** 2006. Ecosocial effects of community participatory tsetse (*Glossina spp.*) (*Diptera*, *Glossinidae*) and bovine trypanosomiasis management at Luke, Southwestern Ethiopia. *Boll. Zool. Agr. Bachic.* (in press).
- Tikubet, G.** (1992) Tsetse (*Glossina spp. Diptera*) Ecology and Trypanosomiasis Challenge in South Western Ethiopia: Review & Recommendation. pp 236.
- Tikubet, G.** (2014) Integrated Bioeconomy System and climate resilient green economy in Africa (**In Press**) Ecology.
- Tikubet, G.** (2016) Main Streaming of the Integrated Bioeconomy System in African Higher Education Systems. pp 100.