

We at AJFAND are very proud to welcome Dr Takemore Chagomoka as one of our esteemed reviewers and wish to congratulate him on completing his PhD and joining AVRDC as a research scientist. We hope to benefit from his plant science expertise and language proficiency.
Ed. AJFAND



Curriculum vitae

Name: Takemore Chagomoka
Address: 3969 Tynwald North
Harare
Zimbabwe
Email: tchagomoka@yahoo.co.uk
Date of birth: 7 April 1976
Place of birth: Marondera, Zimbabwe
Languages: Shona (proficient user/mother tongue), English (proficient user), French (independent user), Kiswahili (proficient user), Portuguese (basic user), German (basic user)
(* *Languages levels are based on Common European Framework of Reference for Languages*)



Education:

2013 - 2016	Doctor of Natural Sciences (Magna Cum Laude) Thesis title: Food and nutrition insecurity risk mapping (FNIRM) in urban and periurban areas in West African cities (Tamale and Ouagadougou).	Albert Ludwigs University of Freiburg, Freiburg Germany
2007 - 2009	Master of Science in Strategic Management (Merit) Thesis title: The use of communities by seed companies in seed production in developing countries. A case of Zimbabwe.	Chinhoyi University of Technology, Chinhoyi Zimbabwe
2002 - 2006	Bachelor of Science Degree in Agriculture Management (Upper Second) Thesis title: Effects of intercropping sorghum (<i>Sorghum bicola</i>) and cowpeas (<i>Vigna unguiculata</i>) on grain yield in Zhombe communal area of Zimbabwe.	Zimbabwe Open University, Harare Zimbabwe
1999 - 2001	Diploma in Agriculture (First Class)	Gwebi College of Agriculture, Harare Zimbabwe

International Graduate Academy, University of Freiburg courses attended

2014	Hands-on course on data analysis and statistics	Facilitated by Dr. Björn Schelter
2015	Advanced statistics and time series analysis	Facilitated by Dr. Björn Schelter
2015	Scientific writing	Facilitated by Helen Desmond
2015	Good scientific practice	Facilitated by Dr. Michael Gommel
2015	How to give successful scientific talks	Facilitated by Dr. Matthias Mayer
2015	The power of the voice - public speaking	Facilitated by Ulrike Semmelrock
2015	Slidewriting and storylining: optimize your own academic presentation	Facilitated by Dr. Markus Burger

Other training:

2014	Web course: Learning ArcGIS Desktop (for ArcGIS 10)	ESRI Training
2010	A1 & A2 French DELF Diploma	Alliance Franco Tanzanienne d'arusha, Tanzania
2012	Certificate of Participation Planning, Monitoring, Evaluation and Impact assessment of R & D interventions training workshop.	Conducted by Impact Training and Development Institute South Africa in Tainan, Taiwan
2011	Certificate of Completion Project Management	Conducted by MDF South Asia, Hosted by IRRI In Dar es Salaam, Tanzania
2009	Certificate of Attendance Result Based Management (RBM)	Conducted by Baastel in Arusha, Tanzania
2007	Certificate of Completion Vegetable Seed Production and Marketing	Conducted by AVRDC - The World Vegetable Center in Arusha, Tanzania
2006	Certificate of participation Agribusiness marketing and management Cape Town, South Africa	Conducted by Stellenbosch University (S.A) and Cornell University (U.S.A) in Cape Town, South Africa
2005	Certificate in maize breeding for stress and Quality Protein Maize	Conducted by CIMMYT in Nairobi, Kenya
2005	Certificate in maize seed and soil technology	Conducted by CIMMYT in Harare, Zimbabwe
2004	Certificate of participation Agribusiness marketing and management	Conducted by Stellenbosch University (S.A) and Cornell University (USA) in Cape Town, South Africa
2003	Certificate of Competence Training Manager	Conducted by Q-Partnership in Harare, Zimbabwe
2003	Certificate of Competence Training of Trainers in Responsible Use of Pesticides	Conducted by CropLife, Africa Middle East in Harare, Zimbabwe

Employment:

March 2016 to present	Production & Postharvest Specialist, AVRDC Bamako, Mali
June 2013 to February 2016	PhD student at University of Freiburg, Germany
February 2011 to May 2013	Liaison Officer for Cameroon & Seed Business Specialist, AVRDC Yaoundé, Cameroon
December 2008 to January 2011	Seed Marketing Specialist, Vegetable Breeding and Seed Systems (vBSS), AVRDC Arusha, Tanzania
November 2007 to November 2008	Managing Director, Semente Perfeta, Chimoio, Mozambique
January 2006 to October 2007	General Manager, Pristine Seeds P/L, Harare, Zimbabwe
July 2004 to December 2005	Operations Manager, Pristine Seeds P/L and Pymarc Manufacturing, Harare, Zimbabwe
April 2003 to April 2004	Field Officer, Agricultural Ethics Assurance Association of Zimbabwe, Harare, Zimbabwe
September 2001 to March 2003	Technical Sales Representative, Agricura Private Limited Harare, Zimbabwe
September 1999 to September 2000	Trainee Farm Manager, Hopedale Farm, Bindura, Zimbabwe

July 1997 to August 1997	Temporary Geography and Agriculture Teacher, Theydon Secondary School Marondera, Zimbabwe
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Honours and awards:

2013	Awarded a PhD scholarship under the GlobE – Urban Food ^{Plus} Project	From Federal Ministry of Education and Research (BMBF)
2012	Recognition for increasing funding base and operations of the Center in Cameroon	From AVRDC – The World Vegetable Center
2010	Recognition for performance and excellence as a Vice-Chairman of Research Operations Committee during the Agricultural Show in Tanzania	From AVRDC – The World Vegetable Center
2001	Agricultural and Rural Development Authority (ARDA) Shield and Prize (Best student in Crop Husbandry Project)	From Gwebi College of Agriculture
2001	Lilford Shield and Edward Hwara Prize (Best all round student at Practical)	From Gwebi College of Agriculture
2001	Pfizer Animal Health Trophy and Prize (Best student in Animal Health)	From Gwebi College of Agriculture

Project management experience:

I was involved in coordinating the following projects at AVRDC – The World Vegetable Center:

Understanding How to Achieve Impact-at-Scale through Nutrition-focused Marketing of Traditional African Vegetable (TAVs) and Orange-Fleshed Sweet potatoes (OFSP).	AVRDC - The World Vegetable Center, Coordinator.
Improving human nutrition and income through integrated agricultural research on production and marketing of vegetables in Malawi and Mozambique – SSA Challenge Project.	AVRDC - The World Vegetable Center, Coordinator.
Scaling up farmer-led seed enterprises for sustained productivity and livelihoods in Eastern and Central Africa.	AVRDC - The World Vegetable Center, Coordinator.
Livelihoods, Urbanisation and Natural Resources in Africa (LUNA Project).	AVRDC - The World Vegetable Center, Coordinator.
Enhancing horticultural productivity, incomes and livelihoods through integrated management of aphid pests on vegetables in sub-Saharan Africa – IITA/GTZ Aphid Project.	AVRDC - The World Vegetable Center, Coordinator.

Proposal development experience – Funded projects:

I participated in proposal development of the following funded projects:

Enhancing productivity, competitiveness and marketing of onion in the Sudano-Sahelian region of Cameroon	Funded by IFAD and Cameroon Government (2012 – 2014)
African-German partnership to enhance resource use efficiency in urban and peri-urban agriculture for improved food security in West African cities	Funded by BMBF and BMZ (2013 – 2016).
Livelihoods, Urbanisation and Natural Resources in Africa (LUNA Project II)	Funded by Volkswagen Foundation (2014 – 2016)
Food and nutrition security status for children aged 6-11 years in rural-urban Harare: A pilot study.	Funded by UNICEF under Child Sensitive Social Policies (CSSP) - Small grants (July – November 2015)

Capacity building experience

- I developed training curricula and trained 34 seed company personnel from East and Southern Africa on Strategic Seed Business Marketing and Management from 26 October - 1 November, 2009 in Arusha, Tanzania.
- I developed training curricula and trained 14 seed company personnel from West and Central Africa on Strategic Seed Business Marketing and Management from 17 – 21 December 2012 in Bamako, Mali.
- I have contributed to organising of several workshops, farmer field day and seed fairs at AVRDC Tanzania and Cameroon, e.g. Ebolowa, Cameroon 2011 agricultural show.

Publications:**Peer reviewed articles under review**

Chagomoka T, Drescher A, Glaser R, Marschner B, Schlesinger J, Abizari AR, Karg H, Nyandoro G. (*Under review*). Urban and periurban agriculture and its implication on food and nutrition insecurity in Northern Ghana. A socio-spatial analysis along the urban-rural continuum. *MDPI - Agriculture*.

Chagomoka T, Nchanji B E, Bellwood-Howard I, Glaser R, Schareika N, Drescher A, Schlesinger J. (*Under review*). Land tenure and its implications for food and nutritional insecurity in the Northern Region of Ghana. *MDPI – Land*.

Published peer reviewed articles

Chagomoka T, Unger S, Drescher A, Glaser R, Marschner B, Schlesinger J. (2016). Food coping strategies in Northern Ghana. A socio-spatial analysis along the urban-rural continuum. *Agriculture & Food Security*; 5(4): doi:10.1186/s40066-016-0052-x

Chagomoka T, Drescher A, Glaser R, Marschner B, Schlesinger J, Nyandoro G (2016). Women's dietary diversity scores and childhood anthropometric measurements as indices of nutrition insecurity along the urban-rural continuum in Ouagadougou, Burkina Faso. *Food & Nutrition Research*; 60: 29425 - <http://dx.doi.org/10.3402/fnr.v60.29425>.

Chagomoka T, Drescher A, Glaser R, Marschner B, Schlesinger J, Nyandoro G. (2015). Contribution of urban and periurban agriculture to household food and nutrition security in Ouagadougou, Burkina Faso. *Renewable Agriculture and Food Systems FirstView*; 1-16: doi:10.1017/S1742170515000484

Chagomoka T, Drescher A, Glaser R, Marschner B, Schlesinger J and Nyandoro G. (2015). Vegetable production, consumption and its contribution to diets along the urban – rural continuum in Northern Ghana. *African Journal of Food, Agriculture, Nutrition and Development (AJFAND)*; 15 (4): 10352 – 10367: <http://www.ajfand.net/Volume15/No4/Takemore15530.pdf>

Chagomoka T, Afari-Sefa V and Pitoro R. (2014). Value Chain analysis of Traditional vegetables in Malawi and Mozambique. *International Food and Agribusiness Management Review*; 17 (4): 57-83: <http://www.ifama.org/files/IFAMR/Vol%2017/Issue%204/201400443.pdf>

Abang A F, Srinivasan R, Kekeunou R, Hanna R, **Chagomoka T**, Chang J C and Bilong Bilong C F. (2014). Identification of okra (*Abelmoschus* spp.) accessions resistant to aphid (*Aphis gossypii* Glover) in Cameroon. *African Entomology*; 22 (2): 273-284: <http://dx.doi.org/10.4001/003.022.0201>

Afari-Sefa, V., **Chagomoka, T.**, Karanja, D.K., Njeru, E., Samali, S., Katunzi, A., Mtwenzi, H. and Kimenye, L. (2013). Private contracting versus community seed production systems: experiences from farmer-led seed enterprise development of indigenous vegetables in Tanzania. *Acta Hort.* (ISHS) 1007:671-680. Available http://www.actahort.org/books/1007/1007_78.htm

Kamga, R. Tchientche; Kouamé, C.; Atangana, A. R.; **Chagomoka, T** and Ndango, R. (2013). Nutritional Evaluation of Five African Indigenous Vegetables. *Journal of Horticultural Research*. Volume 21, Issue 1, Pages 99–106, ISSN (Online) 2300-5009, DOI: 10.2478/johr-2013-0014, July 2013. Available <http://dx.doi.org/10.2478/johr-2013-0014>

Kamga A, Kouamé C, Tchindjang M, **Chagomoka T** and Drescher A W. (2013). Environmental impacts from overuse of chemical fertilizers and pesticides amongst market gardening in Bamenda, Cameroon. *Revue Scientifique et Technique Forêt et Environnement du Bassin du Congo*; 1: 6-19.

Books

Gamor G, Akoto-Danso EK, Karg H and **Chagomoka T**. (2015). Traditional Recipes from the Northern Region of Ghana. AVRDC – The World Vegetable Center. AVRDC Publication No. 15-794 12/2015; ISBN: 92-9058-210-3. (download: http://avrdc.org/download/publications/recipes/ghana-cook-book_final_web.pdf)

Chagomoka T, Kanga R, Tenkouano A and Mecozzi M. (2014). Traditional Vegetables: Recipes from Cameroon. AVRDC – The World Vegetable Center. Shanhua, Taiwan. (download: http://avrdc.org/download/publications/recipes/Cameroon%20cookbk_Eng_web1.pdf)

Book of abstracts

Chagomoka T, Kanga R, Drescher A and Schlesinger J. (2013). Indigenous vegetable recipes in Cameroon. **In:** Hall, R. A., P. Rudebjer, S. Padulosi. (eds.) 2013. 3rd International Conference on: Neglected and Underutilized Species (NUS): for a Food-Secure Africa. Accra, Ghana, 25-27 September 2013. Book of Abstracts. Bioversity International, Rome, Italy. P 122.

Conference presentations

Karg H, Bellwood-Howard B, Akoto-Danso EK, **Chagomoka T**, Schlesinger J and Drescher AW. (2016). Rural-urban market connections in Northern Ghana. International conference “Rural-Urban Connections in Sub-Saharan Africa”, 25th-28th January 2016, **Copenhagen, Denmark.**

Chagomoka T, Nchanji EB, Bellwood-Howard I, Glaser R, Schareika N, Drescher AW and Schlesinger J. (2015). Gender, Land Tenure, Food and Nutrition Insecurity in Northern Ghana. Tropentag conference, 16 – 18 September 2015, **Berlin, Germany.**

Nchanji EB, Bellwood-Howard I, Schareika N, Glaser R, Drescher AW, **Chagomoka T** and Schlesinger J. (2015). Land Use Changes and its Implication for Food Security and Sustainability in Northern Ghana. Tropentag conference, 16 – 18 September 2015, **Berlin, Germany**

Nchanji EB, Bellwood-Howard I, **Chagomoka T** and Schareika N. (2015). Excessiveness? Cabbage farmer's reality in Urban Tamale, Northern Ghana. 2^e Congrès de l’A fea (Association française d’ethnologie et d’anthropologie), University of Toulouse-Jean Jaurès, France, 29 June - 2 July 2015, **Toulouse, France.**

Chagomoka T, Drescher A W, Glaser R and Schlesinger J (2015). Women dietary diversity scores and anthropometric measurements as indices of nutrition security along the urban – rural continuum in Northern Ghana. 2nd International Congress Hidden Hunger. 3 – 6 March 2015, **Stuttgart, Germany.**

Chagomoka T, Schlesinger J and Drescher1 A, (2014) Urban and periurban agriculture and its implications on agroecosystem resilience, food and nutrition security. Submitted for First International Conference on Enhancing Resilience to Climate and Ecosystem Changes in Semi-arid Africa. 6 -8 August 2014, **Tamale, Ghana.**

Unger S and **Chagomoka T** (2014). Food Insecurity and Coping Strategies along the urban-rural continuum in Tamale. Tropentag conference, 17 – 19 September 2014, **Prague, Czech Republic.**

Chagomoka T, Afari-Sefa V and Pitoro P. (2013). Value Chain Analysis of Traditional Vegetables from Malawi and Mozambique. African Association of Agricultural Economists (AAAE) Fourth International Conference, 22 – 25 September 2013, **Hammamet, Tunisia**

Chagomoka T, Drescher A, Holmer R and Yang R. (2013). Diversification of food through vegetables as a strategy to fight against micronutrients deficiencies. GIZ Hidden Hunger Conference, 17 June 2013, **Bonn, Germany**.

Tenkouano A, Ojiewo C, Rouamba A, **Chagomoka T**, Afari-Sefa V and Hughes J d'A. (2012). Recent Developments in Vegetable Breeding: Promoting Vegetable Varieties for Nutrition and Income. 2012 African Seed Trade Association Congress, 5-8 March 2012, **Zanzibar, Tanzania**.

Chagomoka T, Afari-Sefa V and Tenkouano A. (2012). Commercialization of AVRDC improved vegetable varieties in Africa. Third West and Central Africa Agricultural Science Week and 10th General Assembly of CORAF/WECARD, 14-19 May 2012, **N'Djamena, Chad**.

Afari-Sefa V, **Chagomoka T**, Karanja DK and Njeru E. (2012). Private contracting versus community seed production systems: experiences from farmer-led seed enterprise development of African indigenous vegetables in Tanzania. Second All Africa Horticultural Congress, 15- 20 January 2012, **Skukuza, South Africa**.

Extension materials

Rouamba A, **Chagomoka T**, Kanga R, Abang A and Chendjou R. (2012). Les Legumes Fruits: Production et conservation de bulbes d'oignon. PADFA Onion project, Cameroon. AVRDC - The World Vegetable Center. 03 December 2012.

Rouamba A, **Chagomoka T**, Kanga R, Abang A and Chendjou R. (2012). Les Legumes Fruits: Production des semences d'oignon. PADFA Onion project, Cameroon. AVRDC - The World Vegetable Center. 03 December 2012.

Membership

African Association of agricultural economists - September 2013 – August 2016

Scholarly/Professional Service:

External Reviewer for Scholarly Journal (Requested Volunteer Task)

Reviewer for *PLOS ONE*: April 2015

Reviewer for Food & Nutrition Research: August and September 2015

Reviewer for Land - MDPI AG: August 2015

Reviewer for Population and Environment: March 2016

Reviewer for Geographical Research: March 2016