

Dr. Cory William Whitney  
Curriculum Vitae

Department of Horticultural Sciences  
University of Bonn  
Auf dem Hugel 6, 53121

Bonn, Germany  
Tel. +49 162 8520942  
cory.whitney@uni-bonn.de

**EDUCATION**

2014-2018	<b>Ph.D.</b> University of Kassel, Witzenhausen, Germany
2009-2011	<b>M.Sc.</b> Sustainable International Agriculture / International Organic Agriculture, University of Kassel & University of Göttingen, Germany
2001-2003	<b>B.A.</b> Human Ecology, College of the Atlantic, Bar Harbor, Maine
1999-2001	<b>A.A.</b> Natural Resources Management, Sterling College, Vermont

**EMPLOYMENT**

Since 2018	University of Bonn, Germany, <b>Postdoctoral Researcher</b> , Institute for Horticultural Research (INRES) / <b>Senior Researcher</b> , Center for Development Research (ZEF)
Since 2016	<b>Guest Researcher</b> , Center for Development Research (ZEF)
2016-2017	<b>Research Fellow</b> , World Agroforestry Center (ICRAF), Nairobi, Kenya
2013-2017	<b>Scientific Staff</b> , Faculty of Life Sciences, Rhine Waal University of Applied Sciences, Germany
2012-2013	<b>Bio-Human Ecology Researcher</b> , Mekong Community for Ecological Trading / Social Policy and Ecology Research Institute, Vietnam / Center for Human Ecology Studies of Highlands, Laos PDR
2011-2012	<b>Consultant</b> , Agricultural Development Denmark Asia, Vietnam
2011-2011	<b>International Relations Coordinator</b> , 17 <sup>th</sup> IFOAM Organic World Congress and General Assembly, Republic of Korea
2008-2010	<b>Consultant</b> , Forest Stewardship Council (FSC), Bonn, Germany
2007-2008	<b>Growing Organic Intern</b> , International Federation of Organic Agriculture Movements (IFOAM), Bonn, Germany
2007	<b>Volunteer</b> , Willing Workers On Organic Farms (WWOOF), France
2002-2007	<b>Environmental Educator</b> , American Sail Training Association (ASTA) Fleet of Tall Ships, US

## SELECTED PUBLICATIONS

## Refereed Journal Articles:

[orcid.org/0000-0003-4988-4583](https://orcid.org/0000-0003-4988-4583)

- 2019 Kuyah, S., **Whitney, C.**, Jonsson, M. Weldesemayat, S., Oborn, I., Muthuri, C., Luedeling, E. Agroforestry delivers a win-win solution for ecosystem services in Sub-Saharan Africa. A Meta-Analysis. *Agronomy for Sustainable Development* 39(5) 47. doi: [10.1007/s13593-019-0589-8](https://doi.org/10.1007/s13593-019-0589-8)
- 2019 Lanzanova, D., **Whitney, C.**, Shepherd, K., Luedeling, E. Improving development efficiency through decision analysis: reservoir protection in Burkina Faso. *Environmental Modelling & Software* 115, 164-175. doi: [10.1016/j.envsoft.2019.01.016](https://doi.org/10.1016/j.envsoft.2019.01.016)
- 2018 **Whitney, C.**, Luedeling, E., Hensel, O., Tabuti, J., Krawinkel, M., Gebauer, J., and Kehlenbeck, K. The Role of Homegardens for Food and Nutrition Security in Uganda. *Human Ecology*, 46(4), 497-514. doi: [10.1007/s10745-018-0008-9](https://doi.org/10.1007/s10745-018-0008-9)
- Whitney, C.**, Lanzanova, D., Muchiri, C., Shepherd, K., Rosenstock, T., Krawinkel, M., Tabuti, J., Luedeling, E. Probabilistic decision tools for determining impacts of agricultural development policy on household nutrition. *Earth's Future*. 6(3), 359-372. doi: [10.1002/2017EF000765/full](https://doi.org/10.1002/2017EF000765/full)
- Whitney, C.**, Bahati, J., Gebauer, J. Ethnobotany and agrobiodiversity; valuation of plants in the homegardens of southwestern Uganda. *Ethnobiology Letters*. 9(2), 90-100. doi: [10.14237/ebl.9.2.2018.503](https://doi.org/10.14237/ebl.9.2.2018.503)
- 2017 **Whitney, C.**, Tabuti, J., Hensel, O., Yeh, C., Bahati, J., Gebauer, J., Luedeling, E. Homegardens and the future of food and nutrition security in southwest Uganda, *Agricultural Systems*. 154, 133-144 doi: [10.1016/j.agsy.2017.03.009](https://doi.org/10.1016/j.agsy.2017.03.009)
- Whitney, C.**, Luedeling, E., Tabuti, J., Nyamukuru, A., Hensel, O., Gebauer, J., Kehlenbeck, K. Crop diversity in homegardens of southwest Uganda and its importance for rural livelihoods. *Agriculture and Human Values*. 35(2), 399-424. doi: [10.1007/s10460-017-9835-3](https://doi.org/10.1007/s10460-017-9835-3)
- 2016 **Whitney, C.**, Vang Sin, M., Lê Hồng, G., Can, V., Barber, K., Lanh, T. Learning with elders; human ecology and ethnobotany explorations in northern and central Vietnam. *Human Organization*. 75(1), 71-86.
- Gebauer, J., **Whitney, C.**, Tabuti, J. First record of baobab (*Adansonia digitata* L.) in Uganda. *Genetic Resources and Crop Evolution*. 63(5), 755-762. doi: [10.1007/s10722-016-0387-y](https://doi.org/10.1007/s10722-016-0387-y)
- 2014 **Whitney, C.**, Vang Sin, M., Lê Hồng, G., Can, V., Barber, K., Lanh, T. Conservation and ethnobotanical knowledge of a Hmong community in Long Lan, Luang Prabang, Lao People's Democratic Republic. *Ethnobotany Research & Applications*. 12, 643-658. doi: [10.17348/era.12.0.643-658](https://doi.org/10.17348/era.12.0.643-658)
- 2012 **Whitney, C.**, Gebauer, J., Anderson, M. A survey of wild collection and cultivation of indigenous species in Iceland. *Human Ecology*. 40, 781-787. doi: [10.1007/s10745-012-9517-0](https://doi.org/10.1007/s10745-012-9517-0)

*Books:*

- 2018 Marocco, I., Mukiibi, E., Richard, N., Uganda from Earth to Table; Traditional Products and Dishes (2<sup>nd</sup> Edition). Marocco, I., Mukiibi, E., Wanyu, J., **Whitney, C.** (Eds.). Slow Food International, Bra, Italy. 60.
- 2016 Christinck, A., Doka, D., Horneber, M., Kagoro G., Palé, G., **Whitney, C.**, From Breeding To Nutrition: Orange-Fleshed Sweetpotatoes in Farming And Food Systems of Uganda, Kenya and Burkina Faso. The McKnight Foundation, Minneapolis, MN. 32.
- 2013 SPERI. Ethnobotany Research; an Approach to Biological Human Ecology Theory. **Whitney, C.**, Vang Sin, M., Lê Hồng, G., Vu Van, C., Barber, K., Tran Thi, L. (Eds.). Hanoi, Vietnam: Knowledge Publishing (Nhà xuất bản Tri thức). ISBN: 097-604-90-8834-6

*Reviews:*

[publons.com/a/462597/](https://publons.com/a/462597/)

Agriculture and Human Values / Agroforestry Systems / Applied Economics / Earth's Future / Environment, Development and Sustainability / Ethnobotany Research and Applications / Experimental Agriculture / Food Security / Human Ecology / Human Ecology Review / International Journal of Social Economics / Land Use Policy / Peer J

- 2018 **Whitney, C.**, Why the Porcupine is Not a Bird. *Ethnobiology Letters*, 9(2), 103-104. doi:10.14237/ebl.9.2.2018.1204.
- 2018 **Whitney, C.**, Collecting Food, Cultivating People. *Ethnobiology Letters*, 9(2), 321-322. doi:10.14237/ebl.9.2.2018.1384.
- 2015 **Whitney, C.**, Trees for Gardens, Orchards, and Permaculture. *Economic Botany; Book Reviews*, 98-99.

**AWARDS AND HONORS**

- 2016 Promotion des Monats. Nachhaltige Forschung an Fachhochschulen in NRW
- 2013 Ph.D. Funding. Screening Crop Varieties Against Post Harvest Losses, German Federal Ministry of Education and Research (BMBF)
- 2010 Funding for ethnoecology fieldwork in Iceland and the Faroe Islands, Partridge Foundation
- 2009 MSc. Funding. Partridge Foundation, Trans Atlantic Partnership in Sustainable Food Systems
- 2004 ASTA Sail Training Program of the Year Award (crew of *Lettie G. Howard*). American Sail Training Association (ASTA), Seattle, Washington
- 2003 Best Exhibit Award. Dorr Museum of Natural History. Bar Harbor, Maine
- 2000 AmeriCorps Education Award. AmeriCorps Vermont, Burlington, Vermont

**TEACHING EXPERIENCE**

- 2018-2019 Invited lectures on 'Academic Writing', 'Introduction to R', 'Introduction to Modeling', and 'Complex Systems Modeling', The Bonn International Graduate School for Development Research (BIGS-DR), Center for Development Research (ZEF), University of Bonn, Germany

2018	Invited Lecture on ‘Decision Theory and Development Research’, University of Cambridge, Cambridge Conservation Initiative (CCI), England	
2014-2015	Invited lectures in 'Sustainable Agricultural Production Systems with Special Focus on Horticulture', Faculty of Life Sciences, Rhine Waal University of Applied Sciences, Germany	
2014	Invited field course instructor, Mabira forest biodiversity, College of Agricultural and Environmental Sciences, Makerere University, Uganda	
2006-2007	Instructor/ Mate/ Captain, Call of the Sea, <i>SSV. Schooner Seaward</i> , Sausalito, California	
2004-2006	Environmental Educator, Catalina Island Marine Institute (CIMI), Tall-ship program, <i>SSV. Schooner Tole Mour</i> , California	American Sail Training Association (ASTA)
2003-2004	Marine Educator, New York City Maritime Museum/ New York Harbor School, <i>SSV. Schooner Lettie G. Howard</i> , New York	Fleet of Tall Ships
2002-2003	Instructor, Hurricane Island Outward Bound School, Maine	
2002	Professor’s Assistant in Japanese Sustainable Systems, Sterling College, Vermont / Hokkaido, Japan.	

### RESEARCH EXPERIENCE

Present	Co-investigator on BMBF-funded project “Phenological And Social Impacts of Temperature increase – climatic consequences for fruit production in Tunisia, Chile and Germany” (2017-2020) – <i>Probabilistic modeling and decision analysis in fruit production</i>	
Present	Co-investigator of project “Innovationen für NRW zur Steigerung der Ressourceneffizienz und Umweltverträglichkeit im Gartenbau” funded by the ‘Zukunftsstiftung NRW’ (2018-2021) – <i>Application of decision analysis approach for assisting Calluna growers in Germany</i>	
2016-2017	Co-investigator on CGIAR-WLE-funded project “Targeting Agricultural Innovation in the northern Volta basin” (2015-2017) – <i>Probabilistic impact modeling for reservoir protection in Burkina Faso</i>	
2016-2017	Co-investigator on IMMANA-funded project “Probabilistic Causal Models for Nutrition Outcomes of Agricultural Actions” (2015-2018) – <i>Development of a decision analysis approach based on Bayesian Networks for supporting development decisions in Uganda and Kenya</i>	
2013-2016	Co-investigator on German Federal Ministry of Education and Research (BMBF), Global Food Security (GlobE) funded project “Reduction of Post Harvest Losses and Value Addition in East African Food Value Chains” – <i>Agroecology researcher (PhD candidate)</i>	
2013	Co-investigator at the Human Ecology Practice Area (HEPA), Mekong Community for Ecological Trading (MECO-ECOTRA) and Social Policy and Ecology Research Institute (SPERI), Vietnam (2012-2013) – <i>Ethnobotany studies with indigenous communities</i>	
2012	Co-investigator at the Center for Human Ecology Studies of Highlands (CHESH), Laos PDR (2011-2012) – <i>Ethnobotany studies with indigenous healers</i>	
2012	Co-investigator with Organic Participatory Guarantee System (PGS). Agriculture Development Denmark Asia (ADDA) & Vietnam Farmers Union (VNFU) collaborative project, Vietnam – <i>Survey and analysis of PGS farm performance</i>	

## SERVICE TO PROFESSION

2015-2019	Technical review group, IUCN World Conservation Congress (Hawai'i, Marseille)
2011	Panel organizer, Special Workshop; Government Policies for the Promotion of Organic Agriculture with a Focus on the Asian Pacific Region, 17th IFOAM OWC, Republic of Korea
2010	Editorial staff, Journal of Agriculture in the Rural Tropics and Subtropics (JARTS)
2009-2010	Scientific editorial staff, German Institute for Tropical and Subtropical Agriculture (DITSL)

### *Memberships/ Affiliations:*

Society of Ethnobiology / Society for Human Ecology / Society for Economic Botany / Botanical Society of America / International Union for Conservation of Nature, Sustainable Use and Livelihoods Specialist Group / Council for Tropical and Subtropical Agricultural Research (ATSAF) / Society for Applied Anthropology

### *Student council/ ambassador:*

2015-2017	Society for Economic Botany (SEB)
2009-2010	Trans Atlantic Partnership in Sustainable Food Systems
2000-2001	Work Colleges Consortium
2000-2001	North American Alliance for Green Education (NAAGE)
2000-2001	Americorps Vermont

## LANGUAGES

English	Native speaker
German (fluent)	Institute für Sprachvermittlung und Internationalen Kulturaustausch, Bonn, Germany
French (intermediate)	The French Class, San Francisco / Le Département d'Etudes de Français Langue Etrangère de l'Université Michel de Montaigne, Bordeaux 3, France

**References available upon request**