

## **Curriculum Vitae**

Name: Matin QAIM  
Date/Place of Birth: 20 December 1969; Mainz (Germany)  
Nationality: German  
Marital Status: Married to Christina QAIM, born HAESE; two daughters  
Official Address: Department of Agricultural Economics and Rural Development  
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### **Professional Positions**

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| Since 10/2007   | Professor of International Food Economics and Rural Development,<br>Georg-August-University of Goettingen, Goettingen, Germany |
| 04/2004-09/2007 | Professor of International Agricultural Trade and Food Security,<br>University of Hohenheim, Stuttgart, Germany                |
| 02/2003-03/2004 | Senior Researcher and Team Leader, Center for Development Research<br>(ZEF), University of Bonn, Germany                       |
| 01/2001-01/2003 | Visiting Research Fellow, Department of Agricultural and Resource<br>Economics, University of California, Berkeley, USA        |
| 09/1997-12/2000 | Research Associate/Fellow, Center for Development Research (ZEF),<br>University of Bonn, Germany                               |
| 09/1996-08/1997 | Research Associate, Institute of Food Economics, University of Kiel,<br>Germany                                                |

### **Education and Academic Degrees**

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| 2003      | Habilitation at the Department of Agricultural Economics, University of Bonn;<br>Venia Legendi in "Agricultural and Development Economics" Obtained in<br>December 2003 |
| 1997-2000 | Doctoral Program in Agricultural and Development Economics, University of<br>Bonn; PhD in October 2000                                                                  |
| 1993-1996 | Agricultural Economics, University of Kiel; "Diplom" (MSc) in July 1996                                                                                                 |
| 1990-1992 | Agricultural Sciences, University of Bonn; "Vordiplom" in September 1992                                                                                                |
| 1976-1989 | Primary School and High School in Juelich (Germany); "Abitur" in May 1989                                                                                               |

### **Main Research Areas**

- Economics of Biotechnology and Agricultural Research Systems
- Food Security and Sustainable Development
- Nutrition and Health Economics
- High-Value Agricultural Markets in Developing Countries

- Rural Development Policy

### **Country and/or Project Experience**

Extended research stays and/or project experience in Argentina, Brazil, China, Egypt, Ethiopia, India, Indonesia, Kenya, Mexico, Nicaragua, Pakistan, Philippines, Tanzania, Thailand, Tunisia, USA, Vietnam

### **Awards and Honors**

- AAEA Fellow, American Agricultural and Applied Economics Association (2019)
- Elected Member, German National Academy of Sciences – Leopoldina (2018)
- InnoPlanta Science Prize 2015 (for research in the area of crop biotechnology)
- Excellence Award 2011 for Policy-Oriented Development Research of the German Development Bank (KfW) and the German Economics Association
- Elected Member, Göttingen Academy of Sciences (2011)
- Grand International DLG-Prize for Scientific Achievements, German Agricultural Society (DLG), 2010
- Outstanding Article Award 2007, American Agricultural Economics Association (AAEA)
- Emmy Noether-Stipend/ Grant (2001-2005), German Research Foundation (DFG)
- Nils Westermarck-Award 2003, Intern. Association of Agricultural Economists (IAAE)
- Josef G. Knoll-Science-Award 2000, Eiselen Foundation, for PhD Dissertation

### **Teaching and Training Experience**

- Teaching Prize 2012 for Best Course in the MSc Program Sustainable International Agriculture (Based on Student Evaluations), University of Göttingen
- Teaching in Applied Econometrics, Agricultural Trade, Food and Nutrition Security, Rural Development Economics, Microeconomics, Tropical Agriculture
- Director of International Master Program (MSc) in Agricultural Economics at the University of Hohenheim (2004-2007)

### **University Committees and Appointments**

- Director, Research Training Group GlobalFood (RTG 1666) (since 2011)
- Vice-Director, Collaborative Research Center Indonesia (CRC 990) (since 2012)
- Board of the Faculty of Agricultural Sciences, University of Goettingen (since 2009)
- Director, Department of Agricultural Economics and Rural Development, University of Goettingen (2013-2015)
- Board of the Center for Tropical Agriculture, University of Hohenheim (2004-2007)
- Board of the Faculty of Agricultural Sciences, University of Hohenheim (2006-2007)

### **Other Academic Appointments**

- Lead Expert Group, Global Panel on Agriculture and Food Systems for Nutrition (since 2018)
- Board of Directors, Intern. Association of Agricultural Economists (IAAE) (since 2018)

- Communications Committee, Agricultural and Applied Economics Association (AAEA), USA (since 2018)
- Standing Committee on Life Sciences, Leopoldina, German National Academy of Sciences (since 2015)
- Scientific Advisory Board, Institute for Food and Agricultural Literacy (IFAL), University of California at Davis, USA (since 2015)
- Adjunct Professor, Department of Agricultural and Resource Economics, Kasetsart University, Bangkok, Thailand (since 2010)
- Senior Fellow, Center for Development Research (ZEF), University of Bonn (since 2010)
- Steering Committee, German Agricultural Society (DLG) (2014-2017)
- Scientific Advisory Board, German Federal Ministry of Food & Agriculture (since 2009)
- Board of Trustees, Int. Maize and Wheat Improvement Center (CIMMYT) (2009-2014)
- Board of Directors, Africa Harvest Biotech International Foundation (2009-2014)
- Chair, External Advisory Board, Africa Biofortified Sorghum (ABS) Project (Funded by the Gates Foundation) (2006-2010)
- Golden Rice Humanitarian Board (since 2006)
- Board, Council for Tropical/ Subtropical Agricultural Research (ATSAF) (2005-2009)

### **Editorial Roles and Review Committees**

- Associate Editor, American Journal of Agricultural Economics (since 2018)
- Editorial Committee, Annual Review of Resource Economics (since 2015)
- Editorial Board, Agricultural and Resource Economics Review (since 2014)
- Editorial Board, Food Policy (since 2007)
- Associate Editor, Agricultural Economics (2007-2012), Food Security (2014-2015)
- Jury, Josef G. Knoll European Science Prize, Fiat Panis Foundation (since 2016)
- Selection Committee, German Academic Exchange Service (DAAD) (2005-2009)

### **Other Skills and Experiences**

- Bilingual Fluency in German and English; Very Good in Spanish
- One-Year Agricultural Training on a Farm (1992-1993)

### **Membership in Academic Associations**

- International Association of Agricultural Economists (IAAE)
- Agricultural and Applied Economics Association (AAEA)
- European Association of Agricultural Economists (EAAE)
- German Association of Agricultural Economists (GEWISOLA)
- German Council for Tropical and Subtropical Agricultural Research (ATSAF)
- German Economics Association, Research Committee on Development Economics

Goettingen, June 2019

## Publication Record (June 2019)

Matin QAIM

### Articles in Academic Journals:

1. Meemken, E.M., J. Sellare, C. Kouame, M. Qaim (2019). Effects of Fairtrade on the Livelihoods of Poor Rural Workers. *Nature Sustainability*, in press.
2. Zaidi, S.S., H. Vanderschuren, M. Qaim, M.M. Mahfouz, A. Kohli, S. Mansoor, M. Tester (2019). New Plant Breeding Technologies for Food Security. *Science*, Vol. 363, pp. 1390-1391.
3. Krishna, V.V., K. Darras, I. Grass, Y.A. Mulyani, D.M. Prawiradilaga, T. Tscharntke, M. Qaim (2019). Wildlife Trade and Consumer Preferences for Species Rarity: An Examination of Caged-Bird Markets in Sumatra. *Environment and Development Economics*, <https://doi.org/10.1017/S1355770X19000081>.
4. Brinkmann, N., D. Schneider, J. Sahner, J. Ballauff, N. Edy, H. Barus, B. Irawan, S.W. Budi, M. Qaim, R. Daniel, A. Polle (2019). Intensive Tropical Land Use Massively Shifts Soil Fungal Communities. *Scientific Reports*, Vol. 9, 3403.
5. Wanyama, R., T. Gödecke, M. Jager, M. Qaim (2019). Poor Consumers' Preferences for Nutritionally Enhanced Foods. *British Food Journal*, Vol. 212, No. 3, pp. 755-770.
6. Ogutu, S.O., A. Fongar, T. Gödecke, L. Jäckering, H. Mwololo, M. Njuguna, M. Wollni, M. Qaim (2019). How to Make Farming and Agricultural Extension More Nutrition-Sensitive: Evidence from a Randomised Controlled Trial in Kenya. *European Review of Agricultural Economics*, <https://doi.org/10.1093/erae/jby049>.
7. Ogutu, S.O., M. Qaim (2019). Commercialization of the Small Farm Sector and Multidimensional Poverty. *World Development*, Vol. 114, pp. 281-293.
8. Fongar, A., T. Gödecke, A. Aseta, M. Qaim (2019). How well do Different Dietary and Nutrition Assessment Tools Match? Insights from Rural Kenya. *Public Health Nutrition*, Vol. 22, No. 3, pp. 391-403.
9. Meemken, E.M., M. Qaim (2018). Organic Agriculture, Food Security, and the Environment. *Annual Review of Resource Economics*, Vol. 10, pp. 39-63.
10. Wainaina, P., S. Tongruksawattana, M. Qaim (2018). Synergies between Different Types of Agricultural Technologies in the Kenyan Small Farm Sector. *Journal of Development Studies*, Vol. 54, No. 11, pp. 1974-1990.
11. Sibiko, K.W., P.C. Veettil, M. Qaim (2018). Small Farmers' Preferences for Weather Index Insurance: Insights from Kenya. *Agriculture & Food Security*, Vol. 7 (53), <https://doi.org/10.1186/s40066-018-0200-6>.
12. Bou Dib, J., Z. Alamsyah, M. Qaim (2018). Land-Use Change and Income Inequality in Rural Indonesia. *Forest Policy and Economics*, Vol. 94, pp. 55-66.
13. Sibhatu, K.T., M. Qaim (2018). Review: Meta-Analysis of the Association between Production Diversity, Diets, and Nutrition in Smallholder Farm Households. *Food Policy*, Vol. 77, pp. 1-18.
14. Gödecke, T., A.J. Stein, M. Qaim (2018). The Global Burden of Chronic and Hidden Hunger: Trends and Determinants. *Global Food Security*, Vol. 17, pp. 21-29.

15. Bou Dib, J., V.V. Krishna, Z. Alamsyah, M. Qaim (2018). Land-Use Change and Livelihoods of Non-Farm Households: The Role of Income from Employment in Oil Palm and Rubber in Rural Indonesia. *Land Use Policy*, Vol. 76, pp. 828-838.
16. Kubitza, C., V.V. Krishna, K. Urban, Z. Alamsyah, M. Qaim (2018). Land Property Rights, Agricultural Intensification, and Deforestation in Indonesia. *Ecological Economics*, Vol. 147, pp. 312-321.
17. Meemken, E.M., M. Qaim (2018). Can Private Food Standards Promote Gender Equality in the Small Farm Sector? *Journal of Rural Studies*, Vol. 58, pp. 39-51.
18. Kubitza, C., V.V. Krishna, Z. Alamsyah, M. Qaim (2018). The Economics behind an Ecological Crisis: Livelihood Effects of Oil Palm Expansion in Sumatra, Indonesia. *Human Ecology*, Vol. 46, pp. 107-116.
19. Sibhatu, K.T., M. Qaim (2018). Farm Production Diversity and Dietary Quality: Linkages and Measurement Issues. *Food Security*, Vol. 10, No. 1, pp. 47-59.
20. Demmler, K.M., O. Ecker, M. Qaim (2018). Supermarket Shopping and Nutritional Outcomes: A Panel Data Analysis for Urban Kenya. *World Development*, Vol. 102, No. 1, pp. 292-303.
21. Qaim, M., K.T. Sibhatu (2018). On the Link between Production Diversity and Dietary Quality in Smallholder Farm Households. *World Review of Nutrition and Dietetics*, Vol. 118, pp. 102-111.
22. Abro, Z. A., M. Jaleta, M. Qaim (2017). Yield Effects of Rust-Resistant Wheat Varieties in Ethiopia. *Food Security*, Vol. 9, No. 6, pp. 1343-1357.
23. Sekabira H., M. Qaim (2017). Can Mobile Phones Improve Gender Equality and Nutrition? Panel Data Evidence from Farm Households in Uganda. *Food Policy*, Vol. 73, No. 1, pp. 95-103.
24. Sibhatu, K.T., M. Qaim (2017). Rural Food Security, Subsistence Agriculture, and Seasonality. *PLOS ONE*, Vol. 12, No. 10, e0186406.
25. Demmler, K.M., S. Klasen, J.M. Nzuma, M. Qaim (2017). Supermarket Purchase Contributes to Nutrition-Related Non-Communicable Diseases in Urban Kenya. *PLOS ONE*, Vol. 12, No. 9, e0185148.
26. Meemken, E.M., D. Spielman, M. Qaim (2017). Trading Off Nutrition and Education? A Panel Data Analysis of the Dissimilar Welfare Effects of Organic and Fairtrade Standards. *Food Policy*, Vol. 71, No. 1, pp. 74-85.
27. Koppmair, S., M. Kassie, M. Qaim (2017). The Influence of Farm Input Subsidies on the Adoption of Natural Resource Management Technologies. *Australian Journal of Agricultural and Resource Economics*, Vol. 61, No. 4, pp. 539-556.
28. Koppmair, S., M. Qaim (2017). Response to “On the Appropriate Use and Interpretation of Dietary Diversity Scores”. *Public Health Nutrition*, Vol. 20, No. 11, p. 2075.
29. Koppmair, S., M. Qaim (2017). Farm Production Diversity and Individual-Level Dietary Diversity. *Public Health Nutrition*, Vol. 20, No. 11, pp. 2070-2072.
30. Meemken, E.M., P.C. Veettil, M. Qaim (2017). Toward Improving the Design of Sustainability Standards – A Gendered Analysis of Farmers’ Preferences. *World Development*, Vol. 99, No. 1, pp. 285-298.
31. Krishna, V.V., C. Kubitza, U. Pascual, M. Qaim (2017). Land Markets, Property Rights, and Deforestation: Insights from Indonesia. *World Development*, Vol. 99, No. 1, pp. 335-349.

32. Krishna, V.V., M. Euler, H. Siregar, M. Qaim (2017). Differential Livelihood Impacts of Oil Palm Expansion in Indonesia. *Agricultural Economics*, Vol. 48, No. 5, pp. 639-653.
33. Sekabira, H., M. Qaim (2017). Mobile Money, Agricultural Marketing, and Off-Farm Income in Uganda. *Agricultural Economics*, Vol. 48, No. 5, pp. 597-611.
34. Debela, B.L., K.M. Demmler, R. Rischke, M. Qaim (2017). Maternal Nutrition Knowledge and Child Nutritional Outcomes in Urban Kenya. *Appetite*, Vol. 116, No. 1, pp. 518-526.
35. Ochieng, D.O., P.C. Veettil, M. Qaim (2017). Farmers' Preferences for Supermarket Contracts in Kenya. *Food Policy*, Vol 68, No. 1, pp. 100-111.
36. Gatto, M., M. Wollni, R. Asnawi, M. Qaim (2017). Oil Palm Boom, Contract Farming, and Rural Economic Development: Village-Level Evidence from Indonesia. *World Development*, Vol. 95, No. 1, pp. 127-140.
37. Euler, M., V. Krishna, S. Schwarze, H. Siregar, M. Qaim (2017). Oil Palm Adoption, Household Welfare, and Nutrition among Smallholder Farmers in Indonesia. *World Development*, Vol. 93, No. 1, pp. 219-235.
38. Qaim, M. (2017). Globalisation of Agrifood Systems and Sustainable Nutrition. *Proceedings of the Nutrition Society*, Vol. 76, No. 1, pp. 12-21.
39. Veettil, P.C., V.V. Krishna, M. Qaim (2017). Ecosystem Impacts of Pesticide Reductions through Bt Cotton Adoption. *Australian Journal of Agricultural and Resource Economics*, Vol. 61, No. 1, pp. 115-134.
40. Koppmair, S., M. Kassie, M. Qaim (2017). Farm Production, Market Access and Dietary Diversity in Malawi. *Public Health Nutrition*, Vol. 20, No. 2, pp. 325-335.
41. Kouser, S., Abedullah, M. Qaim (2017). Bt Cotton and Employment Effects for Female Agricultural Laborers in Pakistan. *New Biotechnology*, Vol. 34, No. 1, pp. 40-46.
42. Chiputwa, B., M. Qaim (2016). Sustainability Standards, Gender, and Nutrition among Smallholder Farmers in Uganda. *Journal of Development Studies*, Vol. 52, No. 9, pp. 1241-1257.
43. Kimenju, S.C., M. Qaim (2016). The Nutrition Transition and Indicators of Child Malnutrition. *Food Security*, Vol. 8, No. 3, pp. 571-583.
44. Euler, M., S. Schwarze, H. Siregar, M. Qaim (2016). Oil Palm Expansion among Smallholder Farmers in Sumatra, Indonesia. *Journal of Agricultural Economics*, Vol. 67, No. 3, pp. 658-676.
45. Drescher, J., K. Rembold, K. Allen, P. Beckschäfer, D. Buchori, Y. Clough, H. Faust, A.M. Fauzi, D. Gunawan, D. Hertel, B. Irawan, I.N.S. Jaya, B. Klarner, C. Kleinn, A. Knohl, M.M. Kotowska, V. Krashevskaya, V. Krishna, C. Leuschner, W. Lorenz, A. Meijide, D. Melati, M. Nomura, C. Pérez-Cruzado, M. Qaim, I.Z. Siregar, S. Steinebach, A. Tjoa, T. Tschardtke, B. Wick, K. Wiegand, H. Kreft, S. Scheu (2016). Ecological and Socioeconomic Functions across Tropical Land-Use Systems after Rainforest Conversion. *Philosophical Transactions of the Royal Society B*, Vol. 371, 20150275.
46. Wainaina, P., S. Tongruksawattana, M. Qaim (2016). Tradeoffs and Complementarities in the Adoption of Improved Seeds, Fertilizer, and Natural Resource Management Technologies in Kenya. *Agricultural Economics*, Vol. 47, No. 3, pp. 351-362.
47. Burkitbayeva, S., M. Qaim, J. Swinnen (2016). A Black (White) Hole in the Global Spread of GM Cotton. *Trends in Biotechnology*, Vol. 34, No. 4, pp. 260-263.

48. Krishna, V., M. Qaim, D. Zilberman (2016). Transgenic Crops, Production Risk and Agrobiodiversity. *European Review of Agricultural Economics*, Vol. 43, No. 1, pp. 137-164.
49. Kathage, J., M. Kassie, B. Shiferaw, M. Qaim (2016). Big Constraints or Small Returns? Explaining Nonadoption of Hybrid Maize in Tanzania. *Applied Economic Perspectives and Policy*, Vol. 38, No. 1, pp. 113-131.
50. Charlery, L.C., M. Qaim, C. Smith-Hall (2016). Impact of Infrastructure on Rural Household Income and Inequality in Nepal. *Journal of Development Effectiveness*, Vol. 8, No. 2, pp. 266-286.
51. Sibhatu, K.T., V.V. Krishna, M. Qaim (2015). Reply to Remans et al.: Strengthening Markets is Key to Promote Sustainable Agricultural and Food Systems. *Proceedings of the National Academy of Sciences USA*, Vol. 112, No. 45, e6083.
52. Sibhatu, K.T., V.V. Krishna M. Qaim (2015) Reply to Berti: Relationship between Production and Consumption Diversity Remains Small also with Modified Diversity Measures. *Proceedings of the National Academy of Sciences USA*, Vol. 112, No. 42, e5657.
53. Sibhatu, K.T., V.V. Krishna, M. Qaim (2015). Production Diversity and Dietary Diversity in Smallholder Farm Households. *Proceedings of the National Academy of Sciences USA*, Vol. 112, No. 34, pp. 10657-10662.
54. Andersson, C.I.M., C.G.K. Chege, E.J.O. Rao, M. Qaim (2015). Following Up on Smallholder Farmers and Supermarkets in Kenya. *American Journal of Agricultural Economics*, Vol. 97, No. 4, pp. 1247-1266.
55. Chege, C.G.K., C.I.M. Andersson, M. Qaim (2015). Impacts of Supermarkets on Farm Household Nutrition in Kenya. *World Development*, Vol. 72, No. 1, pp. 394-407.
56. Gatto, M., M. Wollni, M. Qaim (2015). Oil Palm Boom and Land-Use Dynamics in Indonesia: The Role of Policies and Socioeconomic Factors. *Land Use Policy*, Vol. 46, No. 1, pp. 292-303.
57. Rischke, R., S.C. Kimenju, S. Klasen, M. Qaim (2015). Supermarkets and Food Consumption Patterns: The Case of Small Towns in Kenya. *Food Policy*, Vol. 52, No. 1, pp. 9-21.
58. Kimenju, S.C., R. Rischke, S. Klasen, M. Qaim (2015). Do Supermarkets Contribute to the Obesity Pandemic in Developing Countries? *Public Health Nutrition*, Vol. 18, No. 17, pp. 3224-3233.
59. Abedullah, S. Kouser, M. Qaim (2015). Bt Cotton, Pesticide Use and Environmental Efficiency in Pakistan. *Journal of Agricultural Economics*, Vol. 66, No. 1, pp. 66-86.
60. Chiputwa, B., D.J. Spielman, M. Qaim (2015). Food Standards, Certification, and Poverty among Coffee Farmers in Uganda. *World Development*, Vol. 66, No. 1, pp. 400-412.
61. Klümper, W. M. Qaim (2014). A Meta-Analysis of the Impacts of Genetically Modified Crops. *PLOS ONE*, Vol. 9, No. 11, e111629.
62. Kouser, S., M. Qaim (2014). Bt Cotton, Damage Control, and Optimal Levels of Pesticide Use in Pakistan. *Environment and Development Economics*, Vol. 19, No. 6, pp. 704-723.
63. Kikulwe, E.M., E. Fischer, M. Qaim (2014). Mobile Money, Smallholder Farmers, and Household Welfare in Kenya. *PLOS ONE*, Vol. 9, No. 10, e109804.
64. Saenger, C., M. Torero, M. Qaim (2014). Impact of Third-Party Contract Enforcement in Agricultural Markets – A Field Experiment in Vietnam. *American Journal of Agricultural Economics*, Vol. 96, No. 4, pp. 1220-1238.

65. Kabunga, N.S., T. Dubois, M. Qaim (2014). Impact of Tissue Culture Banana Technology on Farm Household Income and Food Security in Kenya. *Food Policy*, Vol. 45, No. 1, pp. 25-34.
66. Fischer, E., M. Qaim (2014). Smallholder Farmers and Collective Action: What Determines the Intensity of Participation? *Journal of Agricultural Economics*, Vol. 65, No. 3, pp. 683-702.
67. Roemling, C., M. Qaim (2013). Dual Burden Households and Intra-Household Nutritional Inequality in Indonesia. *Economics and Human Biology*, Vol. 11, No. 4, pp. 563-573.
68. Qaim, M., S. Kouser (2013). Genetically Modified Crops and Food Security. *PLOS ONE*, Vol. 8, No. 6, e64879, <http://dx.plos.org/10.1371/journal.pone.0064879>.
69. Allen, S.L., M. Qaim, A. Temu (2013). Household Water Constraints and Agricultural Labour Productivity in Tanzania. *Water Policy*, Vol. 15, No. 5, pp. 761-776.
70. Qaim, M., W. Klümper (2013). Landwirtschaft für die Hungerbekämpfung. *Chemie in unserer Zeit*, Vol. 47, Nr. 5, S. 318-326.
71. Kouser, S., M. Qaim (2013). Valuing Financial, Health, and Environmental Benefits of Bt Cotton in Pakistan. *Agricultural Economics*, Vol. 44, No. 3, pp. 323-335.
72. Saenger, C., M. Qaim, M. Torero, A. Viceisza (2013). Contract Farming and Smallholder Incentives to Produce High Quality: Experimental Evidence from the Vietnamese Dairy Sector. *Agricultural Economics*, Vol. 44, No. 3, pp. 297-308.
73. Klümper, W., J. Kathage, M. Qaim (2013). Wahrnehmung des Themas Welternährung in der deutschen Öffentlichkeit. *Berichte über Landwirtschaft*, Vol. 91, No. 1, <http://dx.doi.org/10.12767/buel.v91i1.14>.
74. Rao, E.J.O., M. Qaim (2013). Supermarkets and Agricultural Labor Demand in Kenya: A Gendered Perspective. *Food Policy*, Vol. 38, No. 1, pp. 165-176.
75. Noltze, M., S. Schwarze, M. Qaim (2013). Impacts of Natural Resource Management Technologies on Agricultural Yield and Household Income: The System of Rice Intensification in Timor Leste. *Ecological Economics*, Vol. 85, No. 1, pp. 59-68.
76. Kathage, J., M. Qaim (2012). Economic Impacts and Impact Dynamics of Bt (*Bacillus thuringiensis*) Cotton in India. *Proceedings of the National Academy of Sciences USA*, Vol. 109; No. 29, pp. 11652-11656.
77. Fischer, E., M. Qaim (2012). Gender, Agricultural Commercialization, and Collective Action in Kenya. *Food Security*, Vol. 4, No. 3, pp. 441-453.
78. Purwestri, R.C., V. Scherbaum, D.A. Inayati, N.N. Wirawan, J. Suryantan, M.A. Bloem, R.V. Pangaribuan, V. Hoffmann, H.K. Biesalski, M. Qaim, A.C. Bellows (2012). Cost Analysis of Community-Based Daily and Weekly Programs for Treatment of Moderate and Mild Wasting Among Children in Nias Island, Indonesia. *Food and Nutrition Bulletin*, Vol. 33, No. 3, pp. 207-216.
79. Purwestri, R.C., V. Scherbaum, D.A. Inayati, N.N. Wirawan, J. Suryantan, M.A. Bloem, R.V. Pangaribuan, W. Stuetz, V. Hoffmann, M. Qaim, H.K. Biesalski, A.C. Bellows (2012). Supplementary Feeding With Locally-Produced Ready-to-Use Food (RUF) for Mildly Wasted Children on Nias Island, Indonesia: Comparison of Daily and Weekly Program Outcomes. *Asia Pacific Journal of Clinical Nutrition*, Vol. 21, No. 3, pp. 374-379.
80. Breustedt, G., M. Qaim (2012). Hunger in der Welt – Fakten, Ursachen, Empfehlungen. *Ernährungs Umschau*, Vol. 59, No. 8, pp. 448-455.

81. Kabunga, N.S., T. Dubois, M. Qaim (2012). Heterogeneous Information Exposure and Technology Adoption: The Case of Tissue Culture Bananas in Kenya. *Agricultural Economics*, Vol. 43, No. 5, pp. 473-486.
82. Rao, E.J.O., B. Brümmer, M. Qaim (2012). Farmer Participation in Supermarket Channels, Production Technology, and Efficiency: The Case of Vegetables in Kenya. *American Journal of Agricultural Economics*, Vol. 94, No. 4, pp. 891-912.
83. Kabunga, N.S., T. Dubois, M. Qaim (2012). Yield Effects of Tissue Culture Bananas in Kenya: Accounting for Selection Bias and the Role of Complementary Inputs. *Journal of Agricultural Economics*, Vol. 63, No. 2, pp. 444-464.
84. Fischer, E., M. Qaim (2012). Linking Smallholders to Markets: Determinants and Impacts of Farmer Collective Action in Kenya. *World Development*, Vol. 40, No. 6, pp. 1255-1268.
85. Roemling, C., M. Qaim (2012). Obesity Trends and Determinants in Indonesia. *Appetite*, Vol. 58, No. 3, pp. 1005-1013.
86. Noltze, M., S. Schwarze, M. Qaim (2012). Understanding the Adoption of System Technologies in Smallholder Agriculture: The System of Rice Intensification (SRI) in Timor Leste. *Agricultural Systems*, Vol. 108, No. 1, pp. 64-73.
87. Bauhus, J., O. Christen, S. Dabbert, M. Gauly, A. Heißenhuber, J. Hess, F. Isermeyer, D. Kirschke, U. Latacz-Lohmann, A. Otte, M. Qaim, P.M. Schmitz, A. Spiller, A. Sundrum, P. Weingarten (2012). Ernährungssicherung und nachhaltige Produktivitätssteigerung. *Berichte über Landwirtschaft*, Vol. 90, No. 1, pp. 5-34.
88. De Steur, H., X. Gellynck, D. Van Der Straeten, W. Lambert, D. Blancquaert, M. Qaim (2012). Potential Impact and Cost-Effectiveness of Multi-Biofortified Rice in China. *New Biotechnology*, Vol. 29, No. 3, pp. 432-442.
89. Krishna, V.V., M. Qaim (2012). Bt Cotton and Sustainability of Pesticide Reductions in India. *Agricultural Systems*, Vol. 107, No. 1, pp. 47-55.
90. de Haen, H., S. Klasen, M. Qaim (2011). What Do We Really Know? Metrics for Food Insecurity and Undernutrition. *Food Policy*, Vol. 36, No. 6, pp. 760-769.
91. Schipmann, C., M. Qaim (2011). Modern Food Retailers and Traditional Markets in Developing Countries: Comparing Quality, Prices, and Competition Strategies in Thailand. *Applied Economic Perspectives and Policy*, Vol. 33, No. 3, pp. 345-362.
92. Schipmann, C., M. Qaim (2011). Supply Chain Differentiation, Contract Agriculture, and Farmers' Marketing Preferences: The Case of Sweet Pepper in Thailand. *Food Policy*, Vol. 36, No. 5, pp. 666-676.
93. Kouser, S., M. Qaim (2011). Impact of Bt Cotton on Pesticide Poisoning in Smallholder Agriculture: A Panel Data Analysis. *Ecological Economics*, Vol. 70, No. 11, pp. 2105-2113.
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#### **Invited Lectures at Academic Conferences:**

1. Qaim, M. (2019). Smallholder Production and Dietary Diversity. Invited Lecture at the SDSN Online-Conference "The Latest Evidence on Nutrition-Sensitive Agriculture", United Nations Sustainable Development Solutions Network, 3-5 June 2019.
2. Qaim, M. (2019). Research for Sustainable Agriculture and Food Security. Invited Lecture at the Leopoldina Life Science Symposium, National Academy of Sciences, 22-23 May 2019, Halle.
3. Qaim, M. (2019). Can Genetically Modified Organisms Help to Feed the World? Invited Plenary Lecture at the XV International Gottfried von Haberler Conference, 17 May 2019, European Center of Austrian Economics Foundation, Vaduz, Liechtenstein.
4. Qaim, M. (2019). Transformation of Food Value Chains and the Double Burden of Malnutrition. Invited Plenary Lecture at the 4<sup>th</sup> International Congress on Hidden Hunger, 27 February – 1 March, Stuttgart.
5. Qaim, M. (2018). Does Diversified Agricultural Production Automatically Lead to Improved Nutrition? Invited Keynote Lecture at the Tropentag Conference, 17-19 September 2018, Ghent, Belgium.

6. Qaim, M. (2018). The Future of Agricultural Economics Research in Context of the Sustainable Development Goals. Invited Lecture at the GEWISOLA-Conference, 12-14 September 2018, Kiel.
7. Qaim, M. (2018). Knowledge Gaps in Value Chain Research from a Sustainable Development Perspective. Invited Lecture at the ICAE 2018 Pre-Conference Workshop on 20 Years of Value Chain Research, 28 July 2018, Vancouver.
8. Qaim, M. (2018). Socioeconomic Impacts and Potentials of Genetically Modified Crops in Developing Countries. Keynote Lecture at the 22<sup>nd</sup> ICABR Conference, International Consortium on Applied Bioeconomy Research, 12-15 June 2018, Washington, DC.
9. Qaim, M. (2018). Links between Agricultural Production Diversity and Dietary Quality in the Small Farm Sector. Keynote Lecture at the Conference “Making Smallholder Agriculture More Nutrition-Sensitive” Organized by Africa Harvest, University of Nairobi, and University of Goettingen, 22-23 March 2018, Nairobi.
10. Qaim, M. A. Fongar, T. Gödecke, L. Jäckering, S. Ogutu, M. Wollni (2017). Improving Agricultural Extension to Promote Nutrition-Sensitive Innovation: Insights from a Randomised Experiment in Kenya. Invited Presentation at the Tropentag, 20-22 September 2017, Bonn.
11. Qaim, M. (2017). Ernährung im Kontext der globalen Nachhaltigkeitsziele. Keynote Lecture at the 25th Anniversary Conference of the Center for Research on Agricultural Landscapes (ZALF), 22 June 2017, Müncheberg.
12. Qaim, M. (2017). Can genetically modified crops contribute to food security and sustainable agricultural development? Evidence from 20 years of impact research. Keynote Lecture at the 3<sup>rd</sup> Forum of the International Industrial Biotechnology Network (IIBN), 10 May 2017, Ghent, Belgium.
13. Qaim, M. (2017). On the Link between Production Diversity and Dietary Quality in Smallholder Farm Households. Invited Plenary Lecture at the 3<sup>rd</sup> International Congress on Hidden Hunger, 20-22 March, Stuttgart.
14. Qaim, M. (2016). Socioeconomic Impacts of Genetically Modified Crops are Pro-Poor. Invited Plenary Lecture at the Biennial Conference of the Pontifical Academy of Sciences, 25-29 November, Vatican City.
15. Qaim, M. (2016). The Role of Genetically Modified Crops for Food Security. Invited Keynote Lecture at the CIMMYT 50<sup>th</sup> Anniversary Conference (International Maize and Wheat Improvement Center), 27-29 September, Mexico City.
16. Qaim, M. (2015). Does Globalization of Agrifood Systems Provide Sustainable Nutrition? Invited Lecture at the 12<sup>th</sup> European Nutrition Conference, Federation of European Nutrition Societies (FENS), 20-23 October, Berlin.
17. Qaim, M. (2015). Food and Nutrition Security and the Important Role of Agricultural Development. Invited Keynote Lecture at the Development Finance Forum, German Development Bank (KFW), 9-10 July, Frankfurt.
18. Qaim, M. (2015). Economic, Environmental, and Health Effects of Genetically Modified Crops. Keynote Lecture at the 19<sup>th</sup> ICABR Conference (International Consortium on Applied Bioeconomy Research), 16-19 June, Ravello.
19. Qaim, M. (2015). The Economics of Agricultural Biotechnology. Keynote Lecture at the International Conference “Food in the Bio-based Economy”, Wageningen University, 27-29 May, Wageningen.

20. Qaim, M. (2014). Food Security, Agricultural Technology and Crop Protection. Plenary Lecture at the 59<sup>th</sup> German Crop Protection Conference, 24 September, Freiburg.
21. Qaim, M., C.I.M. Andersson, C.G.K. Chege, S.C. Kimenju, S. Klasen, R. Rischke (2014). Nutrition Effects of the Supermarket Revolution on Urban Consumers and Smallholder Farmers in Kenya. Invited Paper at the Annual Meeting of the Agricultural and Applied Economics Association (AAEA), 27-29 July, Minneapolis, MN.
22. Qaim, M. (2014). Economic and Social Impacts of GM Crops. Keynote Lecture at Conference on “Promoting Agricultural Biotechnology for Sustainable Development in Africa” organized by the Network of African Science Academies (NASAC) and the European Academies Science Advisory Council (EASAC), 25-26 February, Addis Ababa.
23. Qaim, M. (2013). Potentials of Plant Biotechnology in Developing Countries. Invited Plenary Lecture at the Leopoldina-Symposium “The Future Model of Agrarian Land Use”, German National Academy of Science, 28-29 October, Halle.
24. Qaim, M. (2013). How to Evaluate Nutrition and Health Impacts of Agricultural Innovations. Keynote Lecture at the Science Forum 2013, Consultative Group on International Agricultural Research (CGIAR), 23-25 September, Bonn.
25. Qaim, M. (2013). Agriculture-Nutrition Linkages and the Potential Role of Genetically Modified Crops. Keynote Lecture at the Hidden Hunger International Congress, University of Hohenheim, 6-9 March, Stuttgart.
26. Qaim, M. (2012). What Shall We Eat? What Shall We Drink? – Global Food and Water Management. Invited Lecture at the Symposium “Already Beyond? 40 Years Limits to Growth”, Volkswagen Foundation, 28-29 November, Hannover.
27. Qaim, M. (2011). Using Food Consumption Data to Assess Nutrition and Health Impacts of Agricultural Interventions. Invited Plenary Lecture at the Conference “Measuring Effects of Agri-Health Interventions” organized by the London International Development Center and IFPRI, 12-13 May, London.
28. Qaim, M. (2010). Der Mensch lebt nicht vom Brot allein – Weltseuche Nährstoffmangel. Invited Plenary Lecture at the 126<sup>th</sup> Congress of the Deutsche Gesellschaft der Naturforscher und Ärzte (GDNÄ), 17-21 September, Dresden.
29. Qaim, M. (2010). Economic and Social Impacts of Genetically Modified Crops in Developing Countries. Invited Keynote Lecture at the 12<sup>th</sup> International Association for Plant Biotechnology (IAPB) World Congress, 6-11 June, St. Louis.
30. Qaim, M. (2009). Economic Consequences of Golden Rice and other Genetically Modified Crops. Invited Lecture at the 10<sup>th</sup> Science & Society Conference of the European Molecular Biology Organization (EMBO), 6-7 November, Heidelberg.
31. Qaim, M. (2009). Socioeconomic Impacts of Genetically Modified Crops in Developing Countries. Invited Lecture at the EMBO (European Molecular Biology Organization) Conference, 29 August – 1 September, Amsterdam.
32. Qaim, M. (2009). Benefits of GM Crops for the Poor: Household Income, Nutrition, and Health. Invited Lecture at the Conference of the Pontifical Academy of Sciences, 15-19 May, Vatican City.
33. Qaim, M. (2008). Golden Rice in the Society: The Role of Impact Assessment. Invited Lecture at the Bertebos Conference, The Royal Swedish Academy of Agriculture and Forestry, 7-9 September, Falkenberg.

34. Qaim, M., A.J. Stein (2008). Economic Consequences of Golden Rice. Invited Lecture at the Fourth Conference of the European Plant Science Organisation (EPSO), 22-26 June, Toulon.
35. Qaim, M., A. Stein, J.V. Meenakshi (2006). Economics of Biofortification. Invited Keynote Lecture at the 26<sup>th</sup> IAAE Conference (International Association of Agricultural Economists), 12-18 August, Queensland, Australia.
36. Qaim, M. (2005). Agricultural Biotechnology Adoption in Developing Countries. Invited Principal Paper at the Annual Meeting of the American Agricultural Economics Association, 24-27 July, Providence, Rhode Island.
37. Qaim, M., I. Matuschke (2004). Economics of GM Crops: An International Perspective. Invited Plenary Paper at the Conference on Biotechnology and India's Development, November 22-24, Institute for Social and Economic Change, Bangalore, India.
38. Qaim, M. (2000). Globalization and Biotechnology: Risks and Opportunities for Farmers and Consumers. Invited Plenary Talk at the 24<sup>th</sup> IAAE Conference (International Association of Agricultural Economists), 13 August, Berlin.