

List of Publications

Khalid Siddig

1 Peer-Reviewed Journal Articles (Selection)

- 2018 Socioeconomic factors determining fertilizer use in china for different crops: same factors, different effects. *Agron. J.* 110 (5):1–7. doi:10.2134/agronj2018.01.0031. Ying Wanga, Ling Yee Khor and Khalid Siddig.
- 2018 Options for maintaining fishery production in the United Arab Emirates due to climate change adaptation strategies. *Emirates Journal of Food and Agriculture*, Vol 30, Issue 1, January 2018. Eihab Fathelrahman, Khalid Siddig, Saif Al-Qaydi, Safdar Rafi Ullah.
- 2017 Agricultural credit provision: What really determines farmers’ participation and credit rationing? *Agricultural Finance Review*, Volume 77, Issue 2 (2017). Collins Asante-Addo, Jonathan Mockshell, Khalid Siddig, Manfred Zeller.
- 2017 Social Capital and Agricultural Technology Adoption among Ethiopian Farmers. *American Journal of Rural Development*, Volume 5, Issue 3 (2017), Pages 65-72. Nizam Husen, Tim Loos, Khalid Siddig.
- 2016 The Natural Gas Sector in Post-revolution Egypt. *Journal of Policy Modeling*. Volume 38, Issue 5 (2016), Pages 941–953. Khalid Siddig, Harald Grethe, Noura Abdelwahab.
- 2016 Modelling Sectorally Differentiated Water Prices: Water Preservation and Welfare Gains through Price Reform? *Water Resources Management*. May 2016, Volume 30, Issue 7, pp 2327-2342. Jonas Luckmann, Dorothee Flaig, Harald Grethe, Khalid Siddig.
- 2015 Do Land Transfers to International Investors in Ethiopia Contribute to Local Food Security? Evidence from Oromia Region, Ethiopia. *International Journal of Social Economics*. Volume 42 (12), pages 1121-1138. Bamlaku Alemu, Harald Grethe, Khalid Siddig, Tesfamicheal Wossen.
- 2015 Impacts on poverty of removing fuel import subsidies in Nigeria. *World Bank Working Paper 07/2015; WPS7376 (1)*. Khalid Siddig, Peter Minor, Harald Grethe, Angel Aguiar, Terrie Walmsley
- 2014 No more gas from Egypt? Modeling offshore discoveries and import uncertainty of natural gas in Israel. *Applied Energy*, Vol.136, 31 December 2014, pages 312–324. Khalid Siddig and Harald Grethe.
- 2014 International price transmission in CGE models: How to reconcile econometric evidence and endogenous model response? *Economic Modelling*, Vol. 38, February 2014, pages 12–22. Khalid Siddig and Harald Grethe.
- 2014 Impacts of removing fuel import subsidies in Nigeria on poverty. *Energy Policy*, Vol. 69 (2014), pages 165-178. Khalid Siddig, Angel Aguiar, Harald Grethe, Peter Minor and Terrie Walmsley.
- 2014 An integrated economic model of multiple types and uses of water. *Water Resources Research*, Vol. 50, Issue 5, pages 3875–3892, May 2014. Jonas Luckmann, Harald Grethe, Scott McDonald, Anton Orlov and Khalid Siddig.

- 2014 Oil crisis and the potential role of agriculture in the post-separation of Sudan. *Emirate Journal of Food and Agriculture*, Vol. 26, issue 8, pages 458-470. Khalid Siddig.
- 2013 Relaxing Israeli Restrictions on Palestinian Labour: Who Benefits? *Economic Modelling*, Vol. 31, March 2013, pages 143–150. Dorothee Flaig, Khalid Siddig, Harald Grethe, Jonas Luckmann, and Scott McDonald.
- 2013 Imperfect competition, border protection and consumer boycott: The future of the dairy industry in Israel. *Journal of Policy Modeling*, Vol. 35, Issue 5, September 2013, pages 838-851. Dorothee Flaig, Ofir Rubin and Khalid Siddig.
- 2013 Food self-sufficiency versus foreign currency earnings in the Sudanese irrigated agriculture. *Journal of the Saudi Society of Agricultural Sciences*, Vol. 12, Issue 1, January 2013, pages 19–25. Khalid Siddig and Amel Mubarak.
- 2012 Agricultural efficiency gains and trade liberalization in Sudan. *African Journal of Agricultural and Resource Economics*, Vol. 7, No. 1 (2012), pages 51-69. Khalid Siddig and Babiker Babiker.
- 2012 The controversy of exchange rate devaluation in Sudan: an economy-wide general equilibrium assessment. *African Development Review*: Vol. 24, Issue 3, pages 245–254, September 2012. Khalid Siddig.
- 2012 Do grain reserves necessarily contribute to prices stability and food security in Sudan? An assessment. *Journal of the Saudi Society of Agricultural Sciences*, Vol. 11, Issue 2, June 2012, pages 143–148. Adam Ahmed, Sawsan Abdelsalam and Khalid Siddig.
- 2011 From bilateral trade to multilateral pressure: a scenario in the EU relation with Sudan. *The Middle East Development Journal*, Vol. 3. No. 1 (2011), pages 55–73. Khalid Siddig.

2 Working Papers and Economic Database Development

- 2018 Climate change and agriculture in the Sudan: Impact pathways beyond changes in mean rainfall and temperature. Siddig, Khalid; Stepanyan, Davit; Wiebelt, Manfred; Zhu, Tingju; and Grethe, Harald. 2018. MENA RP Working Paper 13. Washington, D.C. and Cairo, Egypt: International Food Policy Research Institute (IFPRI).
- 2018 Trade Policy in a Sovereign Palestinian State: What are the Options in a Final Settlement? Johanes Agbahey, Khalid Siddig, Harald Grethe and Jonas Luckmann. *Economic Research Forum Working Paper No. 1242*, October 2018.
- 2018 A post-separation Social Accounting Matrix for the Sudan. MENA RP Working Paper 8. Washington, D.C. and Cairo, Egypt: International Food Policy Research Institute (IFPRI). Siddig, K., Elagra, S., Grethe, H. and Amel Mubarak.
- 2016 Social Accounting Matrix for the West Bank with detailed representation of households and labor accounts. Working Paper No. 93, Department of Agricultural Economics, Humboldt University of Berlin. Johanes Agbahey, Khalid Siddig, Harald Grethe.
- 2016 A Post-Separation Social Accounting Matrix for the Sudan. Working Paper No. 92, Department of Agricultural Economics, Humboldt University of Berlin. Khalid Siddig, Samir Elagra, Harald Grethe, Amel Mubarak.

- 2011 A 2004 Social Accounting Matrix for Israel: Documentation of an Economy-Wide Database with a Focus on Agriculture, the Labour Market, and Income Distribution. Siddig, Khalid, Flaig, Dorothee, Luckmann, Jonas, and Harald Grethe.

3 Books and chapters in books

- 2015 Chapter 7.N: Nigeria. Siddig, Khalid and Jonas Luckmann. Center for Global Trade Analysis, GTAP 9 Data Base Documentation. The GTAP Data Base and extensions, 2015.
- 2014 Climate change and rangeland degradation in eastern Sudan: which adaptation strategy works well? Hussein Suleiman and Khalid Siddig. In: Melesse, Assefa; Abteu, Wossenu; Setegn, Shimelis (Eds.), Nile River Basin: Ecohydrological Challenges, Climate Change and Hydropolitics. Springer.
- 2014 Land Use and Land Cover Changes in Northern Kordofan State of Sudan: A Remotely-Sensed Data Analysis. Mohamed Dafalla, Elfatih Abdel-Rahman, Khalid Siddig, Ibrahim Ibrahim and Elmar Csaplovics. In: Melesse, Assefa; Abteu, Wossenu; Setegn, Shimelis (Eds.), Nile River Basin: Ecohydrological Challenges, Climate Change and Hydropolitics. Springer.
- 2013 GTAP8.1 Data Base Documentation- Chapter 7: Nigeria. GTAP8 Data Base Documentation. Center for Global Trade Analysis, Purdue University, USA. Khalid Siddig and Jonas Luckmann.
- 2012 Liberalization Policies and Price Volatility in Sudan: A General Equilibrium Assessment. Azharia Elbushra, Ali Salih and Khalid Siddig. February 2012. Harvard Book Store, USA.
- 2011 The impact of exchange rate devaluation on the Sudanese agricultural trade. Khalid Siddig and Mutasim Abdelmawla. In: Issues and Challenges in Rural Development, Vol. III (31- 44).
- 2011 Do subsidies matter in food price stabilization? Evidences from Ethiopia in a computable general equilibrium framework. Getachew Woldie and Khalid Siddig. In: Issues and Challenges in Rural Development. Vol. III (1-13).
- 2011 Investment and economic growth in Sudan: trends and causal relationships (1990-2009). Mutasim Abdelmawla and Khalid Siddig. In: Issues and Challenges in Rural Development. Vol. III (75 - 86).
- 2011 Coping strategies as a food insecurity indicator in Sudan: the case of White Nile State. Adam Ahmed, Tarig Hamaza and Khalid Siddig. In: Issues and Challenges in Rural Development. Vol. IV (179 - 187).
- 2011 Economic Policies and the Irrigated Agriculture in Sudan: Lessons from the Gezira Scheme. Amel Mubarak, Ali Salih and Khalid Siddig. LAP Lambert Academic Publishing, Germany.
- 2011 Market Linkages and Price Transmission in Sudan: Lessons from Sesame Markets. Khalid Siddig. DM Verlag Dr. Müller, 13 Feb 2011.
- 2009 Macro-economy and Agriculture in Sudan: Analysis of Trade Policies, External Shocks, and Economic Bans in a Computable General Equilibrium Approach. Khalid Siddig. Farming & Rural Systems Economics. Vol. 108 (2009).

4 Conference presentations and invited talks (selection)

- 2018 Beyond mean rainfall and temperature changes: distributional effects of stochastic yield variability in the Sudan. Siddig, Khalid, Davit Stepanyan, Tingju Zhu, Manfred Wiebelt and Harald Grethe. IAAE Triennial Conference. 30th International Conference of Agricultural Economists Vancouver, British Columbia, Canada. July 28 – August 2, 2018.
- 2018 Monte Carlo meets Gaussian Quadratures for a CGE walk: distributional effects of agricultural yield changes in the Sudan. Davit Stepanyan, Khalid Siddig, Harald Grethe. EcoMod2018 July 4, 2018 - July 6, 2018. Venice, Italy.
- 2018 Investments in Agricultural Vocational Training in the Sudan: Incorporating Child Labor in Educational CGE models. Zuhail Mohammed, Khalid Siddig, Harald Grethe. EcoMod2018 July 4, 2018 - July 6, 2018. Venice, Italy.
- 2018 Terrorism and Inbound Tourism: A General Equilibrium Analysis for Egypt. Elshennawy, Abeer and Khalid Siddig. The 21st Annual Conference on Global Economic Analysis, June 13-15, 2018, Cartagena, Colombia.
- 2018 Unemployment meets a mobility function to model cross-border movements of labor between Palestine and Israel. Agbahey, Johannes, Khalid Siddig and Harald Grethe. The 21st Annual Conference on Global Economic Analysis, June 13-15, 2018, Cartagena, Colombia.
- 2018 Macroeconomic and Distributional Impacts of Currency Devaluation in Ethiopia: An Assessment of Recent Central Bank Moves. Getachew Woldie, Khalid Siddig. EcoMod2018 July 4, 2018 - July 6, 2018. Venice, Italy.
- 2018 An Analysis of Social Welfare Programmes in Egypt. Imane Helmy, Christian Richter, Khalid Siddig, Heba Ghoneim. EcoMod2018 July 4, 2018 - July 6, 2018. Venice, Italy.
- 2017 Water in national economic planning: utilization, challenges and valuation. Fifth Nile Basin Development Forum 2017: Investing in Nile cooperation for a water secure future. Kigali, Rwanda, October 23-25, 2017.
- 2017 Water in National Economies: Utilization, Challenges, Valuation. Nile Basin Economic Forum, May 16 - 17, 2017, Entebbe, Uganda. Khalid Siddig.
- 2017 Trade policy in a sovereign Palestinian State: what are the options in a final settlement? The 20th Annual Conference on Global Economic Analysis, West Lafayette, IN, USA, June 2017. Agbahey, Johannes, Khalid Siddig, Harald Grethe and Jonas Luckmann.
- 2016 Can fuel subsidy reforms in Egypt reduce budget deficit without harming the poor? Ahmed Fathy, Khalid Siddig, Naglaa El-sodany, Asmaa Samieh, Amani Shahin and Noura Abdelwahab. The 19th Annual Conference on Global Economic Analysis, Washington DC, USA, June 2016.
- 2016 Recent research and methodological focus. Nile Scholars Gathering, Nairobi, Kenya. 11-12, June 2016. Khalid Siddig.
- 2016 Incorporating vocational training systems in CGE models. Mohammed, Zuhail, Khalid Siddig and Harald Grethe. The 19th Annual Conference on Global Economic Analysis, Washington DC, USA, June 2016.

- 2016 Consequences of conflict: the impact of the closure regime on the economy of the West Bank. Agbahey, Johanes, Khalid Siddig and Harald Grethe. The 19th Annual Conference on Global Economic Analysis, Washington DC, USA, June 2016.
- 2016 Time use for home activities, market activities and leisure in Ethiopia: economy-wide effects of improved efficiency. Mosa, Abdulaziz, Khalid Siddig and Harald Grethe. The 19th Annual Conference on Global Economic Analysis, Washington DC, USA, June 2016.
- 2015 The rush for large-scale land acquisition by foreign investors in Africa: What is the problem? Public speech of the Habilitation completion, Board of the Faculty of Agriculture, University of Hohenheim. July 1st, 2015, Stuttgart, Germany.
- 2015 Agbahey, J., Siddig, K. and Grethe, H. (2015). Access to Israeli Labor Markets: Effects on the West Bank Economy. Presentation at the 18th annual conference on global economic analysis, Melbourne, Australia.
- 2015 Siddig, K. and Grethe, H. (2015). Wheat Import Subsidies in the Sudan: Problems and Alternative Policy Options for Poverty Alleviation. Presentation at the 18th annual conference on global economic analysis, Melbourne, Australia.
- 2015 Climate Change and Rangeland Degradation in Eastern Sudan: Which Adaptation Strategy Works Well? French-German Cooperation in Africa in the fields of climate change, food security and water resources. June 1st – 2nd, 2015, French Embassy, Berlin, Germany.
- 2015 Potential CGE research on the Sudan and a post-separation Social Accounting Matrix. GIZ-IFPRI Start-Up Workshop on “The Water-Energy-Food Nexus”, March 31 – April 1st, 2015, Harmony Hotel, Addis Ababa, Ethiopia.
- 2015 The Political Economy of Food Production, Trade and Aid. The Food Security Center’s (FSC) Summer School on: Food Security and the Post-2015 Agenda. March 1st – 14, 2015. Stuttgart, Germany.
- 2015 Computable General Equilibrium Models and their application to policy matters. Department of Agricultural Economics, Sudan University of Science and Technology, Khartoum North, Sudan, January 2015.
- 2014 Computable General Equilibrium Models and their application to policy matters. The Workshop of the Arab Planning Institute, Kuwait and the Ministry of Labor Force Development, Sudan on Institutional Capacity Building. Sharjah Hall, Khartoum Sudan, December 2014.
- 2014 Grethe, H. and Siddig, K. (2014). The Impact of Regionally Differentiated Climate Change on Agricultural Markets in Ethiopia: Combining Climate and Economic Models Presentation at the 17th annual conference on global economic analysis, Dakar, Senegal.
- 2013 The Prevalence of Poverty and Inequality in South Sudan: The Case of Renk County. EcoMod 2013, Prague, Czech Republic. July 2013.
- 2013 Impacts of Removing Refined Oil Import Subsidies in Nigeria on Poverty. The 10th PEP General Meeting, Cape Town, South Africa, May 2013.
- 2012 International Price Transmission in CGE Models: How to Reconcile Econometric Evidence and Endogenous Model Response? The 52nd Annual Conference of the German Society of Economic and Social Sciences in Agriculture (GEWISOLA), Hohenheim, Germany.

- 2012 The Natural Gas Sector in Post-Revolution Egypt. The 2012 African Economic Conference. Kigali, Rwanda.
- 2012 International Price Transmission in CGE Models: How to Reconcile Econometric Evidence and Endogenous Model Response? International Agricultural Economists Conference 2012. Foz Do Iguacu, Brazil.
- 2012 Oil and Agriculture in the Post-separation Sudan. EcoMod 2012 Conference. Seville, Spain.
- 2012 The Natural Gas Sector in Post-Revolution Egypt. 15th Annual Conference on Global Economic Analysis. June 2012, World Trade Organization / Centre International de Conférences Genève, Geneva, Switzerland.
- 2011 Conference on Increasing Agricultural Productivity and Enhancing Food Security in Africa. Addis Ababa, Ethiopia, November 2011. With Jumba Idalinya and Siegfried Bauer.
- 2011 International Price Transmission in CGE Models: How to Reconcile Econometric Evidence and Endogenous Model Response? International Agricultural Trade Research Consortium (IATRC) Annual Meeting. December 2011, St. Petersburg, Florida, USA.
- 2011 Oil and Agriculture in the Post-separation Sudan. Tropentag 2011 (Development in the Margin), Bonn, Germany. October 2011.
- 2011 Food Self-sufficiency or Foreign Exchange Earnings? A Multi-market Modelling Assessment for Sudan. Tropentag 2011 (Development in the Margin), Bonn, Germany. October 2011.
- 2011 The Role of Women in Agriculture and Food Security in Sudan: The Case of Northern Kordofan State. Tropentag 2011 (Development in the Margin), Bonn, Germany. October 2011.
- 2011 The Impact of Drought on Agriculture and Food Security in Sudan. Brown International Advanced Research Institute (BIARI 2011), Brown University, Providence, USA.
- 2011 The Controversy of Exchange Rate Devaluation in Sudan: An Economy-wide General Equilibrium Assessment. EcoMod 2011 Conference. Azores, Portugal.

5 AgEPS Initiative

- AgEPS Initiative The founder and managing editor of Agricultural Economics working Paper Series (AgEPS, ISSN: 1858-6287). AgEPS is a publication outlet based at the University of Khartoum and feeds directly in AgEcon Search.

6 Peer-Review Activities

- Peer-reviewed journals
 - Food Security
 - African Development Review
 - Economic Modelling
 - Journal of Agricultural Economics and Development

- Applied Energy
- Agricultural Finance Review
- Review of Development Economics
- Resources, Conservation & Recycling
- Transportation Research Part A: Policy and Practice
- African Journal of Agricultural Research
- Water
- Journal of Peace Research
- Annals of Operations Research
- International Journal of Social Economics
- Emirate Journal of Food and Agriculture (Member of board of reviewing editors)
- Catena
- Climate Science of the Total Environment
- Transportation Research Part A: Policy and Practice
- Peer-reviewed annual conferences and funding
 - Tropentag (Annual interdisciplinary conference on research in tropical and subtropical agriculture, natural resource management and rural development),
 - Global Trade Analysis Project Annual Conference (GTAP),
 - Council for Tropical and Subtropical Agricultural Research (ATSAF),
 - International Association of Agricultural Economists (IAAE) Annual Conference,
 - Economic Modeling Network Annual Conference (EcoMod).
 - Yousef Jameel Academic Program for Natural Scientists from Arabic Nations