

List of Scientific Publications

Dr. Jonas Luckmann

August 2020

Journal Articles:

Luckmann, J. (2020): Editorial - Volume 6 Issue 2. *Water Economics and Policy* 6(2): 2001002 (7 pages), doi: 10.1142/S2382624X2001002X.

Feuerbacher, A., Luckmann, J., Boysen, O., Zikeli, S. and H. Grethe (2018): Is Bhutan destined for 100% organic? Assessing the economy-wide effects of a large-scale conversion policy. *PLoS ONE* 13(6), doi: 10.1371/journal.pone.0199025.

Luckmann, J. (2017): Editorial - Special Issue on Economy-Wide Models of Water Development and Management. *Water Economics and Policy* 2(4):1602003 (8 pages), doi: 10.1142/S2382624X16020033.

Luckmann, J., Flaig, D., Grethe, H. and K. Siddig (2016): Modelling Sectorally Differentiated Water Prices - Water Preservation and Welfare Gains Through Price Reform? *Water Resources Management* 30(7): 2327–2342, doi: 10.1007/s11269-015-1204-7.

Luckmann, J., Grethe, H. and S. McDonald (2016): When water saving limits recycling: Modeling economy-wide linkages of wastewater use. *Water Research* 88: 972-980, doi: 10.1016/j.watres.2015.11.004.

Luckmann, J., Ihle, R., Kleinwechter, U. and H. Grethe (2015): Do Vietnamese upland farmers benefit from high world market prices for maize? *Agricultural Economics* 46(S1):1-11, doi: 10.1111/agec.12194.

Luckmann, J., Ihle, R., Kleinwechter, U. and H. Grethe (2015): World market integration of Vietnamese rice markets during the 2008 food price crisis. *Food Security* 7(1): 143-157, doi: 10.1007/s12571-014-0412-y.

Agbahey, J., Luckmann, J., Grethe, H. and B. Alamirew (2015): How do domestic policies affect the integration of Ethiopian fertilizer markets with world markets? *Journal of Agriculture and Rural Development in the Tropics and Subtropics*, 116(2): 213-226, urn: nbn:de:hebis:34-2015111149311.

Deppermann, A., Grethe, H. and J. Luckmann (2014): Sustainable Food Systems and EU Policies. *Technikfolgenabschätzung, Theorie und Praxis* 23(3): 60-70, doi: 10.14512/tatup.23.3.60

Luckmann, J., Grethe, H., McDonald, S., Orlov, A. and K. Siddig (2014): An integrated economic model of multiple types and uses of water. *Water Resources Research* 50: 3875–3892, doi: 10.1002/2013WR014750.

Flaig, D., Siddig, K., Grethe, H., Luckmann, J. and S. McDonald (2013): Relaxing Israeli Restrictions on Palestinian Labour: Who Benefits? *Economic Modelling* 31: 143-150, doi: 10.1016/j.econmod.2012.11.052.

Conference Papers:

Grethe, H., Luckmann, J., Siddig, K. and T. Kinkpe (2020): How pro-poor are productivity gains in agriculture? The case of the national agricultural investment plan of Benin. Presented at the 23rd Annual Conference on Global Economic Analysis, 17-19 June 2020, Virtual Conference.

Luckmann, J., Siddig, K. and J. Agbahey (2020): Redistributing Water Rights between the West Bank and Israel – More Than a Zero-sum Game? Presented at the 26th Annual Conference of the Economic Research Forum, July 1st 2020, Virtual Conference.

Ashiabi, N., Luckmann, J. and H. Grethe (2019): When Pastoralists become Farmers: Economy-wide Effects of Sedentarisation. Presented at the 22nd Annual Conference on Global Economic Analysis, 19-21 June 2019, Warsaw, Poland.

Luckmann J., Siddig, K. and J. Agbahey (2019): A new agreement on water access in the West Bank- What is at stake? An economy-wide cross-border-analysis. Presented at the 22nd Annual Conference on Global Economic Analysis, 19-21 June 2019, Warsaw, Poland.

Siddig, K., Luckmann, J. and H. Grethe (2019): Economy-wide Cost-Benefit Assessment of the Great Ethiopian Renaissance Dam for the Sudan. Presented at the 22nd Annual Conference on Global Economic Analysis, 19-21 June 2019, Warsaw, Poland.

Stepanyan, D., Grethe, H., Zimmermann, G., Siddig, K., Deppermann, A., Feuerbacher, A., Luckmann, J., Valin, H., Nishizawa, T., Ermolieva, T. and P. Havlik (2019): Multiple Rotations of Gaussian Quadratures: An Efficient Method for Uncertainty Analyses in Large-Scale Simulation Models. Presented at the 22nd Annual Conference on Global Economic Analysis, 19-21 June 2019, Warsaw, Poland.

Luckmann J. and D. Stepanyan (2018): Water pricing under climate uncertainty – an economy-wide model considering precipitation stochastics. Presented at the 21st Annual Conference on Global Economic Analysis, 13-15 June 2018, Cartagena de Indias, Columbia.

Agbahey, J., Siddig, K., Grethe, H. and J. Luckmann (2017): Trade policy in a sovereign Palestinian state: what are the options in a final status? Presented at the 20th Annual Conference on Global Economic Analysis, 7-9 June 2017, West Lafayette, USA.

- Feuerbacher, A. and J. Luckmann (2017): Modelling field operations in a computable general equilibrium model: An application to labour shortages in Bhutan. Presented at the Annual International Conference on Economic Modeling, 5-7 July 2017, Ljubljana, Slovenia.
- Feuerbacher, A., Luckmann, J., Boysen, O., Zikeli, S., and H. Grethe (2016): The 100% Organic Agriculture Policy in Bhutan – A gift or a curse? Presented at the 19th Annual Conference on Global Economic Analysis, 15-17 June 2016, Washington D.C., USA.
- Luckmann, J., Reznik, A., Feinerman, E., Finkelshtain, I., Grethe, H. and I. Kan (2016): Combining the best of two worlds - An integrative water modelling approach. Presented at the 19th Annual Conference on Global Economic Analysis, 15-17 June 2016, Washington D.C., USA.
- Luckmann, J., Grethe, H. and S. McDonald (2015): When Water Saving Limits Recycling: Modeling Cascading Water Use in a Computable General Equilibrium Framework. Presented at the 18th Annual Conference on Global Economic Analysis, 17-19 June 2015, Melbourne, Australia.
- Luckmann, J., Grethe, H., and S. McDonald (2015): When water saving limits recycling: Modeling economy-wide linkages of wastewater use. Contributed paper at the International Association of Agricultural Economists Conference, 8-14 August 2015, Milano, Italy.
- Luckmann, J., Flaig, D., Grethe, H., McDonald, S. and K. Siddig (2015): Modelling Sectorally Differentiated Water Prices in a Computable General Equilibrium Model. Presented at the 9th World Congress of the European Water Resources Association, 10-13 June 2015, Istanbul, Turkey.
- Luckmann, J., Grethe, H., McDonald, S., Orlov, A. and K. Siddig (2013): A general equilibrium approach to modelling multiple types and uses of water. Presented at the 16th Annual Conference on Global Economic Analysis, 12-14 June 2013, Shanghai, China.
- Luckmann, J., Siddig, K., Flaig, D. and H. Grethe (2012): Mitigating Water Scarcity in Israel: A Computable General Equilibrium Analysis. Presented at the 52nd Annual GEWISOLA conference 26-28 September 2012, Hohenheim, Germany.
- Luckmann, J., Grethe, H., McDonald, S. and K. Siddig (2012): Modeling Sectorally Differentiated Water Prices: An Application to the Israeli Water Economy. Presented at the Annual International Conference on Economic Modeling 04-06 July 2012, Seville, Spain.
- Flaig, D., Siddig, K., Grethe, H., Luckmann, J. and S. McDonald (2011): Enforcing Israeli Labour Market Laws against Non-Israelis: Who Pays the Price? Presented at the 14th Annual Conference on Global Economic Analysis, 16-18 June 2011, Venice, Italy.
- Flaig, D., Siddig, K., Grethe, H., Luckmann, J. and S. McDonald (2011): The Integration of Palestinian-Israeli Labour Markets: A CGE Approach. Presented at the Annual Meeting of the Agricultural & Applied Economics Association, 24-26 July 2011, Pittsburgh, USA.

Luckmann, J., Ihle, R., Grethe, H. and U. Kleinwechter (2011): Can Vietnamese Upland Farmers Profit from High World Market Prices? A Price Transmission Analysis. Poster at the 13th Congress of the European Association of Agricultural Economists, 30 August- 02 September 2011 Zürich, Switzerland.

Luckmann, J., Siddig, K., Flaig, D. and H. Grethe (2011): A General Equilibrium Approach to Model Water Scarcity in Israel. Presented at the 14th Annual Conference on Global Economic Analysis, 16-18 June 2011, Venice, Italy.

Luckmann, J., Siddig, K., Flaig, D. and Grethe, H. (2011): Modeling water scarcity in Israel, a general equilibrium approach. Presentation at the International Workshop "Emerging Issues in Agricultural Economics - Farms and Farming People: Structure and Connections to Food Security and Rural Communities", 29 May- 2 June 2011, Hebrew University of Jerusalem, Israel.

Luckmann, J., Grethe, H., Ihle, R. and U. Kleinwechter (2010): How Were Vietnamese Upland Farmers Affected by the Recent Fluctuations of Food Prices on World Markets? Presented at Tropentag 2010, 14-16 September 2010, Zürich, Switzerland.

Working Papers:

Agbahey, J., K. Siddig, H. Grethe and J. Luckmann (2018): Trade Policy in a Sovereign Palestinian State: What are the Options in a Final Settlement? Working Paper No 1242, Economic Research Forum, Oct. 2018. <http://erf.org.eg/publications/trade-policy-in-a-sovereign-palestinian-state-what-are-the-options-in-a-final-settlement/>.

Luckmann, J. and S. McDonald (2014): STAGE_W: An Applied General Equilibrium Model With Multiple Types of Water. Agricultural Economics Working Paper Series Vol. 23. Institute of Agricultural Policy and Markets, University of Hohenheim, Stuttgart, Germany.

Siddig, K. and J. Luckmann (2013): GTAP 8.1 Data Base Documentation - Chapter 7: Nigeria. Global Trade Analysis Project. Center for Global Trade Analysis, Purdue University, West Lafayette, USA.

Siddig, K., Flaig, D., Luckmann, J. and H. Grethe (2012): GTAP 8 Data Base Documentation - Chapter 7.R: Israel. Global Trade Analysis Project. Center for Global Trade Analysis, Purdue University, West Lafayette, USA.

Siddig, K., Flaig, D., Luckmann, J. and H. Grethe (2011): A 2004 Social Accounting Matrix for Israel. Agricultural Economics Working Paper Series Vol. 20. Institute of Agricultural Policy and Markets, University of Hohenheim, Stuttgart, Germany.