

# List of Publications

## Johannes Michael Hafner

### Journal articles (peer reviewed)

- Hafner, J. M.**, Uckert, G., Hoffmann, H. K., Rosenstock, T. S., Sieber, S., & Kimaro, A. A. (2020). Efficiency of Three-Stone Fire and Improved Cooking Stoves using on-farm and off-farm fuels in semi-arid Tanzania. *Energy for Sustainable Development*, 59, 199-207.
- Renwick, L. L., Kimaro, A. A., **Hafner, J. M.**, Rosenstock, T. S., & Gaudin, A. (2020). Maize-pigeonpea intercropping outperforms monocultures under drought. *Frontiers in Sustainable Food Systems*, 4, 253.
- Hafner, J. M.**, Magenau, E., Uckert, G., Sieber, S., Graef, F., & König, H. J. (2020). Four years of sustainability impact assessments accompanying the implementation of improved cooking stoves in Tanzania. *Environmental Impact Assessment Review*, 80, 106307.
- Scheid A., **Hafner J. M.**, Hoffmann H., Kächele H., Uckert G, Sieber S. and Rybak C. (2019). Adapting to Fuelwood Scarcity: The Farmers' Perspective. *Front. Sustain. Food Syst.* 3:28. doi: 10.3389/fsufs.2019.00028.
- Scheid, A., **Hafner, J. M.**, Hoffmann, H., Kächele, H., Sieber, S., & Rybak, C. (2018). Fuelwood scarcity and its adaptation measures: An assessment of coping strategies applied by small-scale farmers in Dodoma region, Tanzania. *Environmental Research Letters*, 13 095004.
- Hafner, J. M.**, Uckert, G., Graef, F., Hoffmann, H., Kimaro, A. A., Sererya, O., & Sieber, S. (2018). A quantitative performance assessment of improved cooking stoves and traditional three-stone-fire stoves using a two-pot test design in Chamwino, Dodoma, Tanzania. *Environmental Research Letters*, 13(2).
- Uckert, G., **Hafner, J. M.**, Graef, F., Hoffmann, H., Kimaro, A., Sererya, O., & Sieber, S. (2017). Farmer innovation driven by needs and understanding: building the capacities of farmer groups for improved cooking stove construction and continued adaptation. *Environmental Research Letters*, 12(12).
- Siebert, M., **Hafner, J. M.** (2015). Oil and Gas Revenues in Tanzania. Potentials for Inclusive Development, Country study for Friedrich-Ebert-Foundation, Uganda, in: *African Perspectives on Social Justice*, ISBN: 978-9970-423-21-7.

### Book chapters

- Kimaro, A. A., Sererya, O. G., Matata, P., Uckert, G., **Hafner, J. M.**, Graef, F., ... & Rosenstock, T. S. (2019). Understanding the multidimensionality of climate-smartness: Examples from agroforestry in Tanzania. In *The Climate-Smart Agriculture Papers* (pp. 153-162). Springer, Cham.

## Conference Proceedings

**Tropentag, 2020** – Oral presentation: “Improved food security via on-farm wood production and consumption. Evidence from subsistence farmers in Tanzania”

**Tropentag, 2019** – Poster presentation: “Reducing forest degradation. Energy self-sufficiency for smallholder farmers via agroforestry systems in semi-arid Tanzania”

**4<sup>th</sup> World Congress on Agroforestry, 2019** – Poster presentation: “Enhanced energy security for smallholder farmers via integrated agroforestry systems in Tanzania”

**Tropentag 2018** – Poster presentation: “Raising the burden: healthy food and cooking energy scarcity”

**Tropentag, 2017** – Poster presentation: “Enhanced food security via adoption of Improved Cooking Stoves and local wood plantations in Tanzania”