




Eric Tielkes (Herausgeber)

Tropentag 2022 - International Research on Food Security, Natural Resource Management and Rural Development

Can agroecological farming feed the world? Farmers' and academia's views

International Conference on Research on Food Security, Natural Resource Management and Rural Development

 Tropentag 2022

Can agroecological farming feed the world?
Farmers' and Academia's view



Book of abstracts

Wednesday - Friday, Sept. 14-16, 2022
Czech University of Life Sciences Prague

hybrid conference
Prague, Czech Republic

www.tropentag.de

Organised by:

  Faculty of Tropical AgriSciences

<https://cuvillier.de/de/shop/publications/8697>

Copyright:
Cuvillier Verlag, Inhaberin Annette Jentzsch-Cuvillier, Nonnenstieg 8, 37075 Göttingen,
Germany

Telefon: +49 (0)551 54724-0, E-Mail: info@cuvillier.de, Website: <https://cuvillier.de>



Contents

Plenary speeches	7
1. Crops and cropping systems	
1) Crops and cropping systems I	13
2) Crops and cropping systems II	45
3) Farmer's perspectives and innovations in cropping systems	95
4) Agroecology and plant protection	113
5) Agroecology and organic production	135
2. Climate, soils and more	
1) Understanding and managing soil-vegetation interactions	165
2) Agricultural adaptation in the face of climate change	193
3. Animals and livestock systems	
1) Sustainable and resilient animal production systems	215
2) Nutrition, performance and management of animals	247
3) Healthy animals as high quality food resource	273
4. (Agro)forestry	
1) Agroforestry systems sustainability	293
2) Trees for people and environment	319
5. Consumers and food	
1) Pathways to improved food and nutrition security	347
2) Food processing and food quality	383
3) Food consumption and sustainable food production	415
4) Food value chains of rural areas in sub-Saharan Africa	433
6. Socio-economics	
1) Economic potential of agroecology	465
2) Collective action and institutions	505
3) Technology adoption and dissemination	533
4) Agricultural livelihoods between development and disruptions	567
5) Profitability and commercialisation	597



7. Institutions

1) Joint response to global crises – partnerships for research and development (GIZ/BMZ)	631
2) AfricaRice	635
3) BMEL session: Potentials and risks of agroecological farming for global food and nutrition security - a panel discussion	645
Index of authors	647
Index abstract IDs	663