Dr. Khalid Siddig



Faculty of Life Sciences
Albrecht Daniel Thaer-Institute of Agricultural and Horticultural Sciences
International Agricultural Trade and Development

Expertise
PD Dr. Siddig is interested in studying the trade-offs and synergies between the production and use of water, energy, and food in developing countries as influenced by climate, population, and policy, including distributional, economic, and regional impacts.

Geographically, his research focuses on Africa and the Middle East. Methodologically, he relies largely on economy-wide simulation models, with CGE models leading the way (including ind GAMS and Gempack). In addition, Dr. Siddig works on capacity development in the area of database development and on policy simulation modeling in a development context.

Scientific Services
- Computable General Equilibrium (CGE) modeling and macroeconomic analysis in GAMS and Gempack
- Social Accounting Matrix
- Policy modeling
- Development of training materials and training of groups and individuals
- Mastery and experience in developing and training developers of social accounting matrices (SAMs) and GTAP-ready input-output tables (IOTs)

Testimonials
- Entwicklung und/oder Schulung von Entwicklern von SAMs und/oder IOTs für Sudan, Ägypten, Israel, Palästina, Benin, Kenia, Chile, Armenien und Nigeria

Topics / Trends
Soil Protection
Microplastics
Harmful Substances
Urban Farming
Area Studies & Regional Economic Areas
Evaluation
Globalisation
Climate / Climate Change
Sustainability & Ressource Efficiency
Food
Water

Industries
Agriculture & Food
Energy, Utilities & Raw Materials
Information & Communication Technology

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