



Topic Proposal for a M.Sc. Thesis

International Agricultural Trade and Development Group. Faculty of Life Sciences.

Economic Impacts of Malaria in Burkina Faso: A Systematic Literature Review

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Background

The thesis seeks to assess the economic impacts of malaria in Burkina Faso via a systematic literature review. Synthesising existing research findings will provide insights into the economic burden of malaria and its implications for healthcare, labor productivity, and socio-economic development in the country.

The thesis is supervised within the framework of the "Climate Change and Health in Sub-Saharan Africa" DFG-project, which addresses the impact of climate change on public health in the region, particularly among the vulnerable rural population. The project aims to identify causal pathways from climate change to human health in rural Burkina Faso and Kenya, project future developments, quantify the effectiveness and efficiency of adaptation strategies, scale scenarios from local to national levels, and assess broader societal impacts of climate change through human health. More details about the "Climate Change and Health in Sub-Saharan Africa" project and its subprojects can be accessed at <https://cch-africa.de/>.

The student will be integrated into an active research group focusing on the interdisciplinary exploration of climate change and health dynamics in Sub-Saharan Africa. As part of this collaborative environment, the student, if desired, is invited to participate in group meetings and activities, fostering a rich learning experience.

Assignments

Within the framework of this thesis, the selected candidate will:

1. Conduct a systematic literature review to explore the economic impacts of malaria in Burkina Faso.
2. Analyze and synthesise the results of studies to identify prevalent impact pathways, their relevance and potential research gaps.
3. Evaluate the methodological approaches utilised in previous studies and assess the quality of evidence presented.
4. Formulate conclusions and offer recommendations for future research avenues and policy implications based on the compiled insights.

How to apply

Interested students are asked to send a motivation letter, transcripts of records, and proof of any other relevant qualifications to Mr. Mwangi (peter.mwangi@hu-berlin.de)