

Through the Looking Glass: Applying a Gender Lens to Agricultural Transformation, Labour Intensification and Nutrition Outcomes in LMICs

Summary

This project aims to exploit the potential of the ongoing technology revolution in consumer-oriented wearable devices to transform empirical research on gender differentials, intra-household dynamics, nutrition outcomes and labour productivity in rural livelihoods. The new metrics developed through this project can significantly improve the design and impact evaluation of interventions related to maternal and child nutrition, women's empowerment, and agricultural technology adoption in developing country settings.



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Key findings/learning/outcomes

- Wearable technologies (e.g., accelerometers) can be effectively deployed for rural livelihoods research in LMIC settings.
- The data from the deployment of these technologies provides new windows into rural livelihoods in LMICs – and offers new avenues for empirical research.
- The incorporation of the physical activity and energy expenditure dimension in the analysis of rural livelihoods provides a better understanding of agricultural – nutrition linkages and nutrition outcomes in LMICs.
- There are considerable synergies in research for UoR by joining forces with CGIAR institutions such as ICRISAT and national level institutions such as NIRDPR.

Where?

India:

Telangana State – Adilabad District

Odisha State – Koraput District

Project partners/funders

University of Reading, UK

International Crop Research Institute for Semi-Arid Tropics (One CGIAR) - India

National Institute of Rural Development and Panchayati Raj, Ministry of Rural Development, India

University of East Anglia.