

# Essays on the impacts of climate-smart agricultural innovations on household welfare

## Citation for published version (APA):

Tesfaye, W. M. (2019). *Essays on the impacts of climate-smart agricultural innovations on household welfare*. [Doctoral Thesis, Maastricht University]. Datawyse / Universitaire Pers Maastricht. <https://doi.org/10.26481/dis.20190327wt>

## Document status and date:

Published: 01/01/2019

## DOI:

[10.26481/dis.20190327wt](https://doi.org/10.26481/dis.20190327wt)

## Document Version:

Publisher's PDF, also known as Version of record

## Please check the document version of this publication:

- A submitted manuscript is the version of the article upon submission and before peer-review. There can be important differences between the submitted version and the official published version of record. People interested in the research are advised to contact the author for the final version of the publication, or visit the DOI to the publisher's website.
- The final author version and the galley proof are versions of the publication after peer review.
- The final published version features the final layout of the paper including the volume, issue and page numbers.

[Link to publication](#)

## General rights

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal.

If the publication is distributed under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license above, please follow below link for the End User Agreement:

[www.umlib.nl/taverne-license](http://www.umlib.nl/taverne-license)

## Take down policy

If you believe that this document breaches copyright please contact us at:

[repository@maastrichtuniversity.nl](mailto:repository@maastrichtuniversity.nl)

providing details and we will investigate your claim.

Propositions accompanying the PhD Dissertation  
**“Essays on the Impacts of Climate-smart Agricultural  
Innovations on Household Welfare”**

By: WONDIMAGEGN MESFIN TESFAYE

---

1. “Hunger in a world of plenty is not just a moral outrage; it is also short-sighted from the economic point of view.” (FAO 2002)
2. “Food and nutrition security are the foundations of decent life.” Ban Ki-moon
3. “Climate change is no longer some far-off problem; it is happening here, it is happening now.” Barack Obama
4. Conservation agriculture helps rural households deal with the exigencies of being poor. However, it is neither a silver bullet nor a false promise. (Chapter 2)
5. Crop diversification is a self-insurance mechanism for farm households which increases diet diversity and improves consumption smoothing. (Chapter 3)
6. Crop diversification generates heterogeneous effects across the consumption distribution with the poorest households benefiting the most. (Chapter 3)
7. Improved crop storage technologies reduce the opportunity cost of postharvest loss and enhance nutrition and food security. (Chapter 4)
8. Climate-smart agricultural practices have the potential to be nutrition-smart because the challenges of climate change and malnutrition come together as an opportunity in agriculture.
9. “Shallow [people] believe in luck or in circumstance. Strong [people] believe in cause and effect.” Ralph Waldo Emerson
10. No matter how beautiful and well crafted a coffin might look, it will not make anyone wish for death. – African proverb