

## CURRICULUM VITAE

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### EPHRAIM MADUHU NKONYA

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Phone: 703-485-7543

E-mail: [ephraim.nkonya@usda.gov](mailto:ephraim.nkonya@usda.gov)  
[e.nkonya@cgiar.org](mailto:e.nkonya@cgiar.org)

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#### EDUCATION:

**1996-1999:** Ph.D. Agricultural Economics, Kansas State University, USA.

Specialty: Econometrics and Statistics

Dissertation: Environmental and Economic Impacts of Soil Erosion and Soil Fertility  
Mining in Maize and Wheat Farms of Northern Tanzania.

#### PROFESSIONAL EXPERIENCE:

**Research Agricultural Economist:** *February 2020 -Present*

Economic Research Service ([ERS](#)) of the [US Department of Agriculture](#)

**Senior Research Fellow:** *June 2009 – February 2020*

International Food Policy Research Institute (IFPRI),  
Washington DC

**Research Fellow:** *August 2002 – May 2009* International  
Food Policy Research Institute (IFPRI)

**Postdoctoral Research Fellow:** *August, 1999 – August 2002*  
International Food Policy Research Institute (IFPRI),  
Kampala Uganda

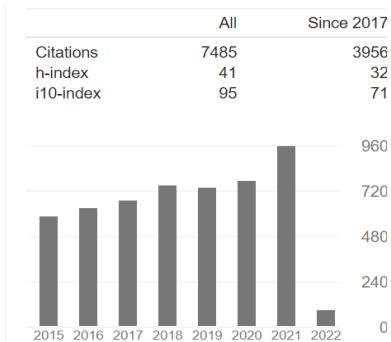
## PUBLICATIONS:

### Social Science Research Network (SSRN) Ranking

I have been among the top 10% of Authors on SSRN by total new downloads since May 2017 – to-date

### Google Scholar profile:

<https://scholar.google.com/citations?user=Y3tHzb8AAAAJ&hl=en&oi=ao>



### Refereed Journal Articles

Nkonya E., E. Kato, and Carolyn Kabore. 2023. [Impact of Farmer-Managed Natural Regeneration on Resilience and Welfare in Mali](#). Low Carbon Economy Journal. <https://doi.org/10.47852/bonviewGLCE3202698>

Nkonya, E.M.N., Kato, E., Msimanga, M. and Nyathi, N.C., Climate shock response and resilience of smallholder farmers in the drylands of south-eastern Zimbabwe. *Frontiers in Climate*, 5:26.

Clark, M.B., Nkonya, E. and Galford, G. 2022. Flocking to Fire: How Climate and Natural Hazards Shape Human Migration Across the United States. [Frontiers in Human Dynamics](#), p.46. <https://doi.org/10.3389/fhumd.2022.886545>

Zhang W., M.E., R. Meinzen-Dick, K. Swallow, C. Calvo-Hernandez & **E. Nkonya**. 2021. [Soil health and gender: why and how to identify the linkages](#), *International Journal of Agricultural Sustainability*, DOI: 10.1080/14735903.2021.1906575

Bizikova, L., **Nkonya, E.**, Minah, M., Hanisch M., Turaga R.M. R., Speranza C.I., Karthikeyan M., Tang L., Ghezzi-Kopel K., Kelly J., Celestin A.C., & Timmers B. 2020. A scoping review of the contributions of farmers' organizations to smallholder agriculture. *Nature Food*. <https://doi.org/10.1038/s43016-020-00164-x>

**Nkonya E.**, Kato E. (2020) Rethinking Agro-Food Sector to Combat Land Degradation and Desertification. In: Leal Filho W., Azul A., Brandli L., Lange Salvia A., Wall T. (eds) Life on Land. Encyclopedia of the UN Sustainable Development Goals. Springer, Cham. [https://doi.org/10.1007/978-3-319-71065-5\\_132-1](https://doi.org/10.1007/978-3-319-71065-5_132-1)

McElwee P., K. Calvin, D. Campbell, F. Cherubini, G. Grassi, V. Korotkov, A. Hoang, S. Lwasa, J. Nkem, **E. Nkonya**, N. Saigusa, J-Fs Soussana, M. Taboada, F. Manning, D. Nampanzira, and P. Smith. 2019. [The impact of interventions in the global land and agri-food sectors on Nature's Contributions to People and the UN Sustainable Development Goals](#). 2019. *Global Change Biology* 26(9): 4691-4721

Smith P., Calvin K., Nkem, J., Campbell D., Cherubini F., Grassi G., Korotkov V., Le Hoang A., Lwasa S., McElwee P., **Nkonya E.**, Saigusa N., Soussana J.F., Taboada M.A. Manning F., Nampanzira D., Arias-Navarro, C. Vizzarri M., House J. Roe S., Cowie A., Rounsevell M., and

- Arneth A. 2019. [Which practices co-deliver food security, climate change mitigation and adaptation, and combat land-degradation and desertification?](#) *Global Change Biology*, 26(3):1532-1575.
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- Nkonya, E. E. Kato, S. Crespo, F. Place, J. Pender, M. Mwanjololo, A. Okhimamhe, J. Ndjeunga, S. Traore, T. van Rheenen, and J. Ferguson. 2012. Climate Change Adaptation and Sustainable Land Management in Sub-Saharan Africa. *Journal of Agricultural Environment*.
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<http://dx.doi.org/10.1016/j.worlddev.2012.04.028>.
- Afranaa Kwapon N.; J. Ilukor; M. Hanisch and E. Nkonya. 2012. [Making Rural Services Work for the Poor: Micro-level Evidence from Rural Uganda](#) *World Rural Observations* 4(1):1-12.

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- Benin S., **E. Nkonya**, G. Okecho, J. Randriamamonjy, E. Kato, G. Lubade, M. Kyotalimye. 2010. [Returns to spending on agricultural extension: the case of the National Agricultural Advisory Services \(NAADS\) program of Uganda](#). *Agricultural Economics* 42(1) 249–267.
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#### Books & monographs

- Nkonya E., A. Mirzabaev and J. von Braun (eds). 2016. [Economics of Land Degradation and Improvement – A Global Assessment for Sustainable Development](#). Springer 686pp.
- Benin, S., E. Nkonya, G. Okecho, J. Randriamamonjy, E. Kato, G. Lubadde, M. Kyotalimye, and F. Byekwaso. 2012. Impact of Uganda's National Agricultural Advisory Services Program. IFPRI Research Monograph.

- Nkonya, E.**, N. Gerber, P. Baumgartner, J. von Braun, A. De Pinto, V. Graw, E. Kato, J. Kloos, T. Walter. 2011. *The Economics of Land Degradation. Toward an Integrated Global Assessment*. Heidhues, F., Joachim von Braun and Manfred Zeller (eds). Development Economics and Policy Series #6. Peter Lang. Internationaler Verlag der Wissenschaften, Frankfurt am Main · Berlin · Bern · Bruxelles · New York · Oxford · Wien.
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#### **Book chapters & book reviews**

- Nkonya E., N. Afranaa Kwapon, E. Kato, P. Rwanigisa, B. Bashaasha, and M. Mangheni. 2020. Performance of Extension Systems: The Case of Uganda. In Davis K., S. Babu, C. Ragassa (eds). *Agricultural Extension: Global Status and Performance in Selected Countries*. IFPRI monograph pp139-184. <https://doi.org/10.2499/9780896293755>.
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- Smith P., J. Nkem, K. Calvin, (rest of lead authors arranged alphabetically) D. Campbell, F. Cherubini, G. Grassi, V. Korotkov, A. L. Hoang, S. Lwasa, P. McElwee, **E. Nkonya**, N. Saigusa, J.F. Soussana, M. A. Taboada. 2019. [Interlinkages between Desertification, Land Degradation, Food Security and GHG fluxes: synergies, trade-offs and Integrated Response Options](#). Intergovernmental Panel on Climate Change (IPCC) [Sixth Assessment Report](#).
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- Takeshima H., **Nkonya** and D. Sayon. 2012. Impact of fertilizer subsidies on the commercial fertilizer sector in Nigeria: Evidence from previous fertilizer subsidy schemes. Nigeria Support Strategy Program II *Policy Note 34*.
- Fan, S., C. Ringler, E. Nkonya, and A. Stein. 2012. Ensuring Food and Nutrition Security in a Green Economy. IFPRI Policy Brief 21. Online at:  
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**Nkonya, E.**, J. Pender, E. Kato, S. Mugarura, and J. Muwonge. 2004. "Community natural resource management and its linkage to poverty in Uganda" Abstract published by the African Highland Initiative (AHI) for the workshop on *Integrated Natural Resource Management in Practice*, that took place in Nairobi Kenya in October 2004.

#### Professional services

- (1) Associate editor of the African Journal of Agricultural and Resource Economics (<http://www.aaae-africa.org/afjare/eboard.html>)
- (2) I serve as a regular peer reviewer of the following journals:
  - a. *Agricultural Economics*
  - b. *Food Policy*
  - c. *African Journal of Food, Policy, Agriculture and Development*

*d. Society and Natural Resources*

- (3) I have served as an external examiner of graduate students of the following Universities:
- a. Humboldt University, Germany
  - b. Makerere University, Uganda
  - c. University of Pretoria, South Africa
  - d. University of Helsinki, Finland
  - e. Howard University, USA
  - f. Norwegian University of life sciences

**Media appearances**

My research work has attracted considerable media attention and has led to regular TV and radio appearances in the following outlets:

- Voice of America: Building resilience, February 28, 2017.  
<http://www.voanews.com/a/3743603.html>
- Washington Post feeding the future.  
<http://www.washingtonpost.com/blogs/post-live-live/liveblog/washington-post-live-feeding-the-future/>
- AllAfrica: Good Governance and Democracy Make for Better Land Use.  
<http://allafrica.com/stories/201507151899.html>
- 
- Radio Interviews by the VOICE OF AMERICA, 1999 – 2003
- Interview by SCIENTIFIC AMERICA 2009, 2010
- NATURE magazine, 2009
- Recognition as EXPERT by THE DAILY TRIUMPH, Lagos, Nigeria
- Guest appearance on TV - AFRICA JOURNAL, 2004, 2005, 2010, 2011
- Guest appearance on Nigerian National TV Authority, 2010

My research has also been published in websites of the following media outlets (i)

UNEP volunteers, Korea:

[http://cafe.naver.com/unepkorea.cafe?iframe\\_url=/ArticleRead.nhn%3Fclubid=12280187%26page=1%26menuid=46%26boardtype=L%26articleid=4143%26referrerAllArticles=false](http://cafe.naver.com/unepkorea.cafe?iframe_url=/ArticleRead.nhn%3Fclubid=12280187%26page=1%26menuid=46%26boardtype=L%26articleid=4143%26referrerAllArticles=false) (June 25, 2011)

(ii) Berliner Zeitung (Germany),

Cites "The economics of desertification, land degradation, and drought"

<http://www.berlinonline.de/berliner-zeitung/wirtschaft/353021/353022.php> (August 1, 2011)

(iii) Membership to professional associations

Associations	Year joined
1. Agricultural and Applied Economics Association (formerly American Agricultural Economics Association)	1997
2. African Journal of Agricultural and Resource Economics (AfJARE)	2006
3. European Agricultural Economics Association (EAEA)	2008
4. International Association of Agricultural Economists (IAAE)	2006
5. European Association of environmental and resource economists	2014

**Honors, scholarships and awards**

1. Masters degree scholarship. Offered by the Tanzania-Netherlands project on farming systems development. 1992 – 1994
2. PhD assistantship: offered by Kansas State University to students with high academic achievement. 1996 – 1999
3. Rockefeller Foundation: Summer Internship at University of Wisconsin, Madison: June, 1998. Offered to PhD students with excellent academic performance to help them prepare their PhD research proposals.
4. Research funding for PhD research: Conservation, Food and Health Foundation Inc., (CFHF), Boston, Massachusetts, (US\$7900) and International Center for Maize and Wheat Improvement (CIMMYT), Mexico City (US\$1500). June 1998 – December 1998.