

HAIMANOT B. ATINKUT—CV

✉ hbazezew@myfuse1.education Phone: +251-942-098319 📍 Bahir Dar, Ethiopia

Social media / Resource links:

- [ACADEMIA](#)
- [ORCID](#)
- [GOOGLE SCHOLAR](#)
- [LinkedIn](#)
- [RESEARCHERID](#)
- [WoS](#)
- [RESEARCHGATE](#)
- [SCOPUS](#)
- [Twitter](#)

Employment and Academic Position

- Lecturer, Rural Development & Agricultural Extension, University of Gondar, Ethiopia (2014–present)
- Assistant Lecturer, University of Gondar (2010–2014)

Education and Training

- **Fellow**, Ethiopian Young Academy of Science (EtYAS), Addis Ababa, Ethiopia (February 2026)
- **African Youth Leadership Diplomatic Conference** Aspiring Ambassador, African Union (January 2026)
- **Presidential Fellow**, Advanced Leadership in Practice, Nile Executive Leadership Academy (NELA), Bahir Dar University, Ethiopia (September 2025)
- **Mentee**, Association for Mentoring and Inclusion in Economics (AMIE), USA (2023)
- **PhD**, Agricultural Economics and Management, Huazhong Agricultural University, Hubei Wuhan, China (June 2020)
- **MA**, Development Studies, Addis Ababa University, Ethiopia (July 2014)
- **BSc**, Rural Development & Agricultural Extension, Wolaita Sodo University, Ethiopia (July 2010)

Research Interests

Agricultural Economics; Climate Change; Food Security; Environmental & Resource Economics; Impact Evaluation; Food-Environment-Energy-Water (FEEW) Nexus; Development Economics; Anti-Poverty & inequity; Health Economics; STEM

Publications (Selected)

A1. Dado DD, Teshome TT, Yayu TY, and **Atinkut HB**. (2026). Unpacking Food Security Beyond the Plate: A Deep Dive into Food Security Dimensions in Southern Ethiopia (*Forthcoming*).

- A2. Dargie W, Nigussie D, **Atinkut HB**, Tilahun A, and Muchie M. (2026). Systemic Barriers to Agricultural Innovation: The Case of Kuncho Teff in Northwestern Ethiopia, *African Journal of Science, Technology, Innovation and Development* (**Accepted, Forthcoming**). <https://doi.org/10.1080/20421338.2026.2621423>
- A3. **Atinkut HB**, Tilahun A, Muchie M, Taye M, Lema AT, Tekle BD, Qin S, and Jin Z. (2025). University Industry Linkages in Ethiopia: Unlocking the Potential of STEM Driving Industrial Transformation, *Discover Education* (**Forthcoming**)
- A4. Tebkew, M., Asfaw, Z., Worku, A., Jacobson M., **Atinkut, H.B.** (2025). Comparative financial profitability of agroforestry and cereal monocropping practices in the North-Western Ethiopia, *Science of the Total Environment*, Doi: [10.1016/j.scitotenv.2025.180164](https://doi.org/10.1016/j.scitotenv.2025.180164)
- A5. Berhanu, A.A., Wondimagegnhu, B.A., Dessie, A.S., Tirusew A. Ebistu, T.A., and **Atinkut, H.B.** (2025). Understanding social dynamics in watershed development, *Journal of Agriculture and Food Research*, Doi: [10.1016/j.jafr.2025.101880](https://doi.org/10.1016/j.jafr.2025.101880)
- A6. Abate K.A., **Atinkut H.B.**, Petros T., Derso B., (2025). Determinants of agricultural extension service delivery in North-Western Ethiopia, *South Africa Journal of Agricultural Extension*, Vol 53, No., 1, 16-38. Doi: [10.17159/2413-3221/2025/v53n1a17189](https://doi.org/10.17159/2413-3221/2025/v53n1a17189)
- A7. Asfaw, A., Abate, K.A., **Atinkut, H.B.** (2024). A leisure or livelihood strategy? Understanding nonfarm activities in rural Ethiopia, *Social and Economic Development*. Doi: [10.1007/s40847-024-00402-z](https://doi.org/10.1007/s40847-024-00402-z)
- A8. Dessie, A. B., Mekie, T. M., Abate, T. M., Belgu, A. S., Zeleke, M. A., Eshete, D. G., **Atinkut, H.B.**, & Takele, M. T. (2023). Measuring integrated smallholder soil fertility management practices in Megech watershed, Tana sub-basin, Ethiopia. *Heliyon*, Doi: [10.1016/j.heliyon.2023.e16256](https://doi.org/10.1016/j.heliyon.2023.e16256)
- A9. Tebkew, M. and **Atinkut, H.B.** (2022). Impact of decentralization on sustainable Forest management and livelihoods in East Africa. *Trees, Forests, and People*, Doi: [10.1016/j.tfp.2022.100346](https://doi.org/10.1016/j.tfp.2022.100346)
- A10. Shengze Qin, Jia Guo, **Haimanot B. Atinkut**, and Chongjun Yang (2022). The Impact of Precise Poverty Alleviation Policies on the Vulnerability of Farm Households to Poverty: Research Based on Micro Big Data. In *2022 3rd International Symposium on Big Data and Artificial Intelligence (ISBD AI 2022)*, December 09, 10, 2022, Singapore, Singapore. ACM, New York, NY, USA, 6 pages. <https://doi.org/10.1145/3598438.3598441>
- A11. Birhanu, S. Y., Moges, M. A., Sinshaw, B. G., Tefera, A. K., **Atinkut, H. B.**, Fenta, H. M., & Berihun, M. L. (2022). Hydrological modeling, impact of land-use and land-cover change on

- hydrological process and sediment yield; case study in Jedeb and Chemoga watersheds. *Energy Nexus*, 5, 100051. Doi: [10.1016/j.nexus.2022.100051](https://doi.org/10.1016/j.nexus.2022.100051)
- A12.** Sinshaw, B. G., Belete, A. M., Mekonen, B. M., Wubetu, T. G., Anley, T. L., Alamneh, W. D., **Atinkut, H.B.**, ... & Birhanu, M. M. (2021). Watershed-based soil erosion and sediment yield modeling in the Rib watershed of the Upper Blue Nile Basin, Ethiopia. *Energy Nexus*, 3, 100023. Doi: [10.1016/j.nexus.2021.100023](https://doi.org/10.1016/j.nexus.2021.100023)
- A13.** Sinshaw, B. G., Belete, A. M., Tefera, A. K., Dessie, A. B., Bizuneh, B. B., Alem, H. T., **Atinkut, H.B.**, ... & Moges, M. A. (2021). Prioritization of potential soil erosion susceptibility region Using fuzzy Logic and Analytical Hierarchy process, Upper Blue Nile Basin, Ethiopia. *Water-Energy Nexus*, 4, 10-24. Doi: [10.1016/j.wen.2021.01.001](https://doi.org/10.1016/j.wen.2021.01.001)
- A14.** Tefera, A. K., Wassie, A. B., Sinshaw, B. G., Defersha, D. T., Takele, T. A., Atanaw, S. B., **Atinkut, H.B.**, ... & Melesse, A. M. (2021). Groundwater quality evaluation of the alluvial aquifers using GIS and water quality indices in the Upper Blue Nile Basin, Ethiopia. *Groundwater for Sustainable Development*, 14, 100636. Doi: [10.1016/j.gsd.2021.100636](https://doi.org/10.1016/j.gsd.2021.100636)
- A15.** Kebede, Y. S., Endalamaw, N. T., Sinshaw, B. G., & **Atinkut, H. B.** (2021). Modeling soil erosion using RUSLE and GIS at watershed level in the upper beles, Ethiopia. *Environmental Challenges*, 2, 100009. Doi: [10.1016/j.envc.2020.100009](https://doi.org/10.1016/j.envc.2020.100009)
- A16.** **Atinkut, H. B.**, Yan, T., Zhang, F., Qin, S., Gai, H., & Liu, Q. (2020). Cognition of agriculture waste and payments for a circular agriculture model in Central China. *Scientific reports*, 10(1), 1-15. Doi: [10.1038/s41598-020-67358-y](https://doi.org/10.1038/s41598-020-67358-y)
- A17.** **Atinkut, H. B.**, Yan, T., Arega, Y., & Raza, M. H. (2020). Farmers' willingness-to-pay for eco-friendly agricultural waste management in Ethiopia: A contingent valuation. *Journal of Cleaner Production*, 261, 121211. Doi: [10.1016/j.jclepro.2020.121211](https://doi.org/10.1016/j.jclepro.2020.121211)

Book Chapters Published (Selected)

- B18.** **Atinkut HB** and **Tebkew M.** (2026). Current Trends and Future Directions in Nanotechnology for Forestry, (eds) by *Husen A. & Jawaid M* in *Handbook in Nanotechnology in Forestry*, Springer Nature (Forthcoming).
- B19.** **Atinkut HB.** (2026). **Circular Agriculture: Global Status and Resource Utilization** a chapter to the forthcoming edited volume *Circular Agriculture: Food Waste Conversion into Vital Biofertilizers*, edited by *Nitu Rani, Narashans Aklok Sagar, and Vishal Ahuja*, Taylor and Francis (Forthcoming).

- B20.** Bekele, E., Tilahun, S., Beyene, A., Asres, S., Geremew, B., & **Atinkut, H.** (2019, August). Soil water dynamics on irrigated garlic and pepper crops using Hydrus-1D model in the lake Tana-basin, Northwestern Ethiopia. In *International Conference on Advances of Science and Technology* (pp. 193-209). Springer, Cham. Doi: [10.1007/978-3-030-43690-2_13](https://doi.org/10.1007/978-3-030-43690-2_13)
- B21** Kindie, A. T., Enku, T., Moges, M. A., Geremew, B. S., & **Atinkut, H. B.** (2018, October). Spatial analysis of groundwater potential using GIS based multi criteria decision analysis method in Lake Tana basin, Ethiopia. In *International Conference on Advances of Science and Technology* (pp. 439-456). Springer, Cham. Doi: [10.1007/978-3-030-15357-1_37](https://doi.org/10.1007/978-3-030-15357-1_37)

Conference paper presentation (Selected)

- CP5. Haimanot B. Atinkut et al.** An oral presentation job market paper titled, “Farmers’ willingness-to-pay for eco-friendly agricultural waste management in Ethiopia,” on Graduate Student Section (GSS) Webinar Series of Agricultural and Applied Economics Association (AAEA) America, on 12 November 2021 | **3:00-4:30 pm ET. [Zoom]**
- CP4: Haimanot B. Atinkut et al.** An oral presentation entitled, “Willingness-to-pay for eco-friendly agricultural waste management in Ethiopia: A contingent Valuation, was delivered to on the 9th Annual Research Conference Wolaita Sodo University, Wolaita, Ethiopia, from May 13-15, 2021
- CP3: Haimanot B. Atinkut et al.** An oral presentation entitled “Cognition of Agriculture waste and Payments for a Circular Agricultural model in Central China” was delivered at “95th International Annual Conference of Western Economic Association (WEA)”, Denver, Colorado, USA, June 26-30, 2020. Organized by WEA and California State University, Long Beach, USA [*Virtual*].
- CP2: Haimanot B. Atinkut et al.** An oral presentation entitled “Cognition of Agriculture waste and Payments for a Circular Agricultural model in Central China” was delivered at “2020 North America Chinese Economist Society (CES), July 29-30, 2020”. Organized by Chinese Economist Society in North America, Sustainable Lab, Massachusetts Institute of Technology (MIT), in Cambridge, MA, Cambridge, USA [*Virtual*].
- CP1: Haimanot B. Atinkut et al.** An oral presentation entitled “Farmers’ Willingness-to-pay for eco-friendly Agricultural Waste Management in Ethiopia: A Contingent Valuation” was delivered at “5th Annual

Conference Chinese Economist Society (CES), June 7-8, 2019". Organized by Dongbei University of Finance and Economics (DUFE), Dalian, P.R. China.

Workshops and Trainings (Selected)

1. Participated and certified in a three-day training workshop on "**Qualitative Research Methods**", provided by Bahir Dar University, BDU-PRESERVE project in collaboration with USAID, Food for Hungry, and RTI International from July 23-25, 2024; Venue: Addis Amba Hotel, Bahir Dar, Ethiopia.
2. Participated in, on three days training workshop titled, "**Panel Data Analysis**", Organized by Economics department, Bahir Dar University from May 10-12, 2022 Bahir Dar, Ethiopia.
3. Participated in, on three days training workshop titled, "**Discrete Choice Modeling**", Organized by Economics department, Bahir Dar University from May 03-05, 2022 Bahir Dar, Ethiopia.
4. Participated and certified in, on the two days training workshop, "**Industrial Poverty alleviation model**", organized by Center for International Agricultural Research (CIAR) and Agricultural Information Institute of CAAS of China, held from October 25-26, 2021 Beijing, China. [Virtual]
5. Participated in, on five-day workshop and Training seminars titled, "**the CICA Smart Agriculture Application and Development Seminars (Phase III)**": Hosted by Ministry of Foreign Affairs the People's Republic of China and Ministry of the People's Republic of China and Organized by Huazhong Agricultural University and co-organized by Collaboration with Conference on interaction and Confidence Building Measures in Asia, held from October 17-21, 2021, HZAU, Hubei Wuhan, China. [Virtual]
6. Participated in Youth Leadership for a better future: The World Food Forum (WFF) as a movement by youth and for youth to transform agri-food systems Oct 13, 2021. [Virtual].
7. Participated virtually on 3 days conference titled, "**The BRGI Technical Workshop-Global Resilience: Science, pandemics, and the Future of Wheat**": organized by Cornell University, USA, held from October 06-08, 2021. [Virtual].
8. Attended on two-day training titled, "**Grant writing and Proposal Development**": Organized by AfRIE-BDU, and held from September 3-4, 2021. [Virtual].
9. **Attended a five days course titled, "Proposal writing, Reviewing Process and Grant Management Workshop"**: Organized by Ohio University One Health Global Initiative (OHGi), held from August 3-8, 2021, Virtual.
10. Participated in 5 days training workshop on "**Applied Research Methods and Data Analysis using Stata, July 2-6, 2018**" organized by the UoG at University of Gondar, Gondar, **Ethiopia**.
11. Participated in, five days training workshop on "**Applied Time Series and Panel Data Econometrics using Stata, July 7-11, 2018**" organized by UoG at University of Gondar, Gondar, **Ethiopia**.

Community service Grants (All the Proposals Funded)

1. **Project title:** Livelihood beyond Migration: Entrepreneurship Training for Rural Unemployed youth in Dabat district, North Gondar Zone, **Ethiopia**; **Principal coordinator**. project grant from University of Gondar (2015/16).
2. **Project title:** Accounting and book keeping training to farmers, experts, and cooperative members in North Gondar Zone, **Ethiopia**; **Co-coordinator**. grant from University of Gondar (2015/16)
3. **Phase II:** Participatory Natural Forest Protection for Better livelihood in North Gondar: The Case of Alatish National Park Quara District, Gelegu, **Ethiopia**; **Co-coordinator**. grant from University of Gondar (2014/15)
4. **Phase I:** Participatory Natural Forest Protection for Better livelihood in North Gondar: The Case of Alatish National Park Quara District, Gelegu, **Ethiopia**; **Co-coordinator**. grant from University of Gondar (2013/14)

Research Grants

1. **Project Title:** Cognition of Agriculture waste and Payments for a Circular Agricultural model in Central China; Grant from National Science Foundation of China (NSFC) (Grant Number: No. 41371520); Major Research Project of Philosophy and Social Science Ministry of Education of China (Grant Number: No. 15JZD014) ; Huazhong Agricultural University (Grant Number: 2014bs32); The Fundamental Research Funds for Central Universities of China (Grant Number: No. 2662019PY075).
2. **Project Title:** Farmers' Willingness-to-pay for eco-friendly Agricultural Waste Management in Ethiopia: A Contingent Valuation. Research Grant from National Natural Science Foundation of China (NSFC) (Grant Number: 41371520); Major Research Project of Philosophy and Social Science Ministry of Education of China (Grant Number: No. 15JZD014); The Fundamental Research Funds for Central Universities of China (Grant Number: No. 2662019PY075).
3. **Project Title:** Assessment of multi-purpose agricultural cooperatives in Northwestern Ethiopia (**Co-Investigator** Duration: One **Year**) Research grant from the University of Gondar (2016/17); **Grant amount 380, 000.00 ETB**
4. **Project Title:** Prospects and Challenges of agricultural extension service delivery in North-western Ethiopia (**Co-investigator**. Duration: One Year) Research Grant from the University of Gondar (2015/16) Grant amount 204,000.00ETB

Skills and Training

- **Advanced level:** Stata, SPSS, AMOS, Nivo, MAXQDA, Atlas.ai, Kobo ToolBox
- **Beginner level:** MATLAB, GIS, R, Python

MSc student supervision

S8. Student name: Mesafint Wudu (September 2023-June 2024)

Thesis title: Analysis of summer Wheat production and technical efficiency in West Dembiya district of Central Gondar zone, Amhara region, Ethiopia

University: University of Gondar

Status: Ongoing

S7. Student name: Worku Dargie (September 2022-September 2024)

Thesis title: Study on innovative teff farming practice in Chilga district of Central Gondar zone, Amhara region

University: University of Gondar

Status: Completed 2024

S6. Student name: Amare Demile (September 2022-September 2024)

Thesis title: Economic Efficiency of malt-barley production in North-western Ethiopia

University: University of Gondar

Status: Completed 2024

S5. Student name: Mandfero Mersha (2020-2022)

Thesis title: Assessment of Modular Training effectiveness in Agricultural Extension Service delivery in Northwestern Ethiopia.

University: University of Gondar

Status: Completed mid-2022.

S4. Student name: Aytolign Asfaw (2020-2021)

Thesis title: Rural Households' Participation in Non-farm Livelihood Activities and Its Contribution on Household Income in the Central Gondar Zone of Amhara Region, Ethiopia.

University: University of Gondar

Status: Completed.

S3. Student name: Desalech Bekalu (2020-2021)

Thesis title: Assessing Small-Scale Irrigation Practices on Farmers' Income and Food Security in the Amhara Region, Ethiopia.

University: University of Gondar

Status: Completed 2021.

S2. Student Name: Zemene Tilahun (2018-2019)

Thesis title: Determents of Saving and Credit cooperative organization in North Gondar Zone of Ethiopia.

University: University of Gondar

Status: Completed mid-2022.

S1. Student name: Asrebeb Sahle (2018-2019)

Thesis title: Structure performance conduct and Value Chain Analysis of honey production in Misraq Gojjam Zone, Amhara region of Ethiopia.

University: University of Gondar

Status: Completed mid-2022.

Professional Memberships

- Agricultural Economics Society of Ethiopia(AESE) Addis Ababa, Ethiopia, (January 01, 2026-----)
- Association for International Agricultural Extension Education (AIAEE)
[Regular member \(01/2024–present\)](#)
- International Association of Agricultural Economists (IAAE), Canada
[Regular member \(02/2023–02 / 2025\)](#)

- Agricultural and Applied Economics Association (AAEA), USA
[Regular member \(05/2018–2022\)](#)
- International Statistics Institute (ISI), The Hague, The Netherlands
[Student Member \(10//2016–2020\)](#)
- Association of Environmental Society (AES), Addis Ababa, Ethiopia
[Member \(03//2013–Present\)](#)
- Ethiopian Statistical Association (ESA), Addis Ababa, Ethiopia
[Member \(03//2013–Present\)](#)

Refereeing (Peer reviewer)

Agricultural Systems, African Identities; African Journal of Sciences Technology Innovation and Development; Agriculture and Food Security; Biomass and Bioenergy; Ecological Modelling; Cleaner Energy Systems; Cleaner Production and Responsible Consumption; Cogent Economics and Finance; Cogent Social Sciences; Cogent Education; Cogent Business and Management; Cogent Psychology; Ecological Indicators; Environmental Challenges; Environmental Advances; Forest Science and Technology; FORESTIST; Environmental Management; Environmental Sciences and Pollution Research; Heliyon; Humanities and Social Sciences Communication; International Journal of Agricultural Sustainability; Journal of Cleaner Production; Journal of Knowledge Economy; Journal of Agriculture and Food Research; Land Degradation and Development; NJAS: Impact in Agricultural and Life Sciences; Scientific Reports; Smart Agricultural Technology; Sustainable Geosciences: People, Planet and Prosperity; Renewable and Sustainable Energy Reviews (RSER);Catena; Soil and Tillage Research; Journal of Environmental Management; Frontiers in Environmental Sciences; Food Security; Discover in Agriculture; Discover in Sustainability; Applied and Environmental Soil Science; Environmental Development; Cleaner Water; Journal of Nature Conservation; Applied Energy; Soil Systems; Frontiers Food Systems; Discover Geosciences

Editorial Board Member

Discover Sustainability *Springer Nature*

Research Interests

Agricultural economics; Agro-food systems; Climate Change; Development Economics; Impact Evaluation; Food Security, Environmental & Resource Economics; Food Economics; Food-Energy-Environment-Water (FEW) Nexus; Nutrition; Anti-Poverty; Health Economics; Welfare Economics

Taught courses

- Several Under grad level and Grad level courses (e.g., Agricultural Economics and Policy analysis, Environmental Economics, Rural livelihood and food security, Production Economics, Gender and Development, Gender and Youth in Rural Development, Rural Psychology, Rural Sociology, Research Methodology, Project planning, monitoring and evaluation, Research Proposal Writing, Rural development and Policy Analysis, environment and sustainable development for under grad; Agricultural Marketing, Innovations systems for Rural Transformation, Food Security; Agricultural Risk Insurance and Financing, Agricultural Economics, Research Methodology, Agricultural marketing value chain analysis)

REFEREES

Available upon Request