

Nega E. Debela

Evaluation and Learning Unit
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Gender - Male

Nationality - Ethiopian

Major thematic areas of interest

Climate adaptation and resilience; Climate smart agriculture (CSA); Natural resources management; Sustainable agriculture and food security; Rural livelihoods and development; Indigenous institutions and development; Project and program management; Monitoring and evaluation; Knowledge/innovation management and learning; Research management.

Education

- 2017 Doctor of Philosophy (Agriculture), Specialization: Climate Change Adaptation in Smallholder Agricultural Systems in Ethiopia, University of Tasmania, Hobart, Australia.
Advisors: Associate Prof. Caroline Mohammed, Prof. David McNeil, Prof Holger Meinke
Dissertation topic: Adaptation to climate change in pastoral and agropastoral systems of Borana, southern Ethiopia
- 2017 Graduate Certificate in Research (Research Management)
- 2006 Master of Science (Agriculture), Major: Soil Science, Haramaya University, Haramaya, Ethiopia.
Advisor: Prof. Heluf Gerbrekidan
Thesis topic: Land use changes and their effects on soil physical and chemical properties in Senbat sub-watershed, western Ethiopia
- 2000 Bachelor of Science (Dryland Agriculture), Major: Soil and Water Conservation, Mekelle University, Mekelle, Ethiopia.

Professional Experience in Chronological Order (Total 11 Years)

From - To	Position held	Organization
10/2020 to date	Climate-Smart Agriculture Specialist and Country Team Leader (Part-time) Thematic focus: Leading a team of 7 thematic experts and coordinating the Feasibility Study of The Program to Build Resilience for Food and Nutrition Security in The Horn of Africa/IGAD Region - Ethiopia Component (IGAD/AfDB Regional Program)	With ECU/GAIC Consultants based in Montreal, Canada (IGAD and AfDB being clients)
09/2019 to date (1 year and 5 months)	Senior Knowledge and Learning Manager (Projects and Programs) Thematic focus: Knowledge/innovation management, project development, monitoring and evaluation in areas of smallholder agriculture, food security, natural resources	Evaluation and Learning Unit, Ethiopian Agricultural Transformation Agency, Addis Ababa, Ethiopia

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management and climate change adaptation, and risk management

09/2017 to 09/2019 (2 Years)	Lecturer/Researcher (Agriculture and Natural Resources) Thematic focus: Teaching and research in agriculture, natural resources management and climate change adaptation areas with geographic focus on central highlands of Ethiopia	College of Agriculture and Natural Resources, Wolkite University, Wolkite, Ethiopia
05/2011 to 03/2017 (5 Years)	Doctoral Researcher (Climate Change Adaptation in Agriculture) Thesis research topic: Research and publication in adaptation to climate change in Ethiopian agriculture with focus on vulnerable pastoral and agropastoral communities in Bprana lowlands, southern Ethiopia	School of Land and Food, University of Tasmania, Hobart, Australia
05/2008 to 06/2011 (3 Years & 1 Month)	Research Assistant (Food Security and Sustainable Development) Thematic focus: Research, review and analysis of food security, agriculture, natural resources management, climate change and sustainable development issues in Africa region through engaging national governments, RECs, AUC, etc	United Nations Economic Commission for Africa (UNECA), Addis Ababa, Ethiopia
12/2007 to 05/2008 (6 Months)	Knowledge Management Officer (Vulnerability reduction) Thematic focus: Knowledge and innovation management in agriculture, natural resources, water resource management, and drought response programmes in pastoral and agropastoral systems in south Ethiopia	CARE International in Ethiopia, Yabelo, Ethiopia
10/2006 to 04/2007 (6 Months)	Watershed Management Consultant Thematic focus: Natural resources management, drought response, water resources development, resilience building and vulnerability reduction in pastoral and agropastoral systems in southern Ethiopia	UN Food and Agriculture Organization (FAO), Yabelo, Ethiopia
01/2001 to 11/2006 (5 Years & 10 Months)	Research Officer (Agriculture and Natural Resources) Thematic focus: Research, extension and policy support including through identification of problems, pro-poor project development and implementation in smallholder agriculture, food security and natural resource management areas in western Ethiopian mixed crop-livestock systems	Ethiopian Institute of Agricultural Research, Bako, Ethiopia

Core values

Integrity, Professionalism and Respect for diversity

Language command

	Reading	Writing	Speaking
English	Proficient	Proficient	Proficient

Oromo	Native	Native	Native
Amharic	Native	Native	Native

Computer Skills

Excellent in Microsoft Office Tools (Word, Excel, Power point and Outlook), Power BI, Statistical packages (SPSS, SAS and NVivo) and GIS Softwares (ArcGIS)

Professional Service

2016 to date	Reviewer for Climate and Development; Climate Change Strategies and Management; Environment, Development and Sustainability, and Climate Change Management Journals
2019 to date	Expert Reviewer for Handbook of Climate Change Management Series
2019	Expert Reviewer for First Order Draft (FOD) of the Working Group II (WGII) Contribution to the IPCC Sixth Assessment Report (AR6) (Reviewed Chapter 17: Decision Making Options for Managing Risk)
2013 to 2014	UTAS Agricultural Science Postgraduate Student Association Representative

Published Articles (Chronological Order)

Debela N., Bridle K., Mohammed C., McNeil D. (2021) Enhancing the Role of Indigenous Institutions in Adaptation to Climate Change in Borana Pastoral and Agropastoral Systems, South Ethiopia. In: Leal Filho W., Luetz J., Ayal D. (eds) Handbook of Climate Change Management. Springer, Cham. https://doi.org/10.1007/978-3-030-22759-3_333-1

Leal, W., H. Berie, M. Balehegn, D. Nzengya, **N. Debela**, A. Amare, E. Mworozzi, S. Osei, D. Ayal, G. Nagy, Y. Toamukum, S. Kimu, A. Balogun and E. Abate (2020) Introducing experiences from African pastoralist communities to cope with climate change risks, hazards and extremes: Fostering poverty reduction. *International Journal of Disaster Risk Reduction* 50 (2020) 101738

Debela, N., McNeil, D., Bridle, K. and Caroline, M. (2019) Adaptation to climate change in the pastoral and agropastoral systems of Borana, south Ethiopia: Options and barriers. *American Journal of Climate Change*, 8(1): 40-61

Debela, N., Mohammed, C., Bridle, K., Corkrey, R., and McNeil, D. (2015) Perception of climate change and its impact by smallholders in pastoral/agropastoral systems of Borana, south Ethiopia. *SpringerPlus*, (2015) 4:236

Emiru, N. and H. Gebrekidan (2013) Effect of land use changes and soil depth on soil organic matter, total nitrogen and available phosphorus contents of soils in Senbat watershed, western Ethiopia. *Agricultural and Biological Science*, 8(3): 206-212.

Emiru, N., H. Gebrekidan and Degefe T. (2012) Analysis of land use/land cover changes in western Ethiopian mixed crop-livestock systems: the case of Senbat watershed. *Biodiversity and Environmental Sciences*, 2(3): 8-17.

Emiru, N. and H. Gebrekidan (2009) Influence of land use changes and soil depth on cation exchange capacity and contents of exchangeable bases in the soils of Senbat watershed, western Ethiopia. *Ethiopian Journal of Natural Resources*, 11(2): 195-206.

Manuscripts Under Preparation

Walter Leal Filho, Gustavo J. Nagy, Desalegn Y. Ayal, Esubalew Abate, Chunlan Li, Edison Mworozzi, Abayineh Amare, Habitamu Taddese, **Nega Debela**, Nelson, Sampson Osei, Daniel Nzengya, Saizi S. K. Kimu, Mulubrhan Balehegn, Nsani Yannick, Henry Sidsaph, Abdul-Lateef Balogun (2020) "*Impacts of Climate Change and Ecosystems Transformation to Pastoralist Communities in East Africa.*"

Articles in Bulletins and Newsletters:

IPCC (2014) Climate Change 2014: Impacts, adaptation, and vulnerability. IPCC Working Group II Report reviewed by 308 reviewers (Reviewed Chapter 14: Adaptation Needs and Options of the IPCC WGII AR 2014)

https://www.ipcc.ch/site/assets/uploads/2018/02/WGIIAR5-AnnexI_FINAL.pdf

Nega Emiru (2010) Role of traditional institutions in water resource governance in the Borana lowlands, Southern Ethiopia. Haramata Bulletin of the Drylands No 55. P₁₃₋₁₅.

Nega Emiru (2008) Ponds and small earth dams more reliable for rural water supply in Boran lowlands, Southern Ethiopia. Global Water Initiative Newsletter. Volume I, P₁₀₋₁₁.

Wakenne Negassa, **Nega Emiru** and Abdenna Dheressa (2002) Recommended Soil and Water Management Technologies for Sustainable Natural Resource Management in Western Oromiya: Users' Manual. In: Firdissa Iticha, Gemedo Duguma, Shimelis Dejene, Abebe Yadessa, Gebr-Egziabher G/Yohannes and Tolessa Debele (eds.), Recommended Research Results for Improving Crop, Livestock and Natural Resources Productivity in Western Oromiya: Users' manual. Oromiya Agricultural Research Institute, Addis Ababa, Ethiopia.

Professional development or short-term trainings (in chronological order)

- "Climate and Disaster Risk Screening: Identifying Risk to Enhance Resilience(Facilitated)" an eCourse organized by The World Bank (19 April 2021 to 25 May 2021)
- "Weather and Climate Services for Resilient Development: A Guide for Practitioners and Policy Makers" an eCourse organized by The World Bank (23 April to 29 May 2019).
- "Climate Adaptation in Africa" an online Course organized by Coursera and The University of Cape Town (20 September to 15 November 2018).
- "National Adaptation Plans: Building Climate Resilience in Agriculture (NAP-Ag)" an online Course organized by UNDP, FAO and UNITAR (13th November to 23rd December 2017)
- "Climate Finance: Innovative Approaches in Supporting Climate Action" an eCourse learning organized by The World Bank (10th October to 4th November 2017).
- "Finance for Non-Financial Professionals" by University of California, Irvine on Coursera, an Online course held 17 July to 10 August 2017. Certificate earned on 10 August 2017.
- "Communication in the 21st Century Workplace" by University of California, Irvine on Coursera, an Online course held 17 July to 10 August 2017. Certificate earned on 10 August 2017.
- "Essentials of Entrepreneurship: Thinking and Action" by University of California, Irvine on Coursera, an Online course held 17 July to 12 August 2017. Certificate earned on 12 August 2017.
- "Project Management: The Basics for Success" by University of California, Irvine on Coursera, an Online course held 18 June to 13 July 2017. Certificate earned on July 13, 2017.

- "Fundamentals of Management" by University of California, Irvine on Coursera, an Online course held 18 June to 13 July 2017. Certificate earned on July 13, 2017"
- "Turn Down the Heat: From Climate Science to Action" an Online Course with the World Bank Group from 8th May to 4th June 2017, Organized by Coursera and The World Bank, USA.
- "Monitoring and Evaluation Basics for Development Practitioners" Organized by Sambodhi Research and Communications. 29 July 2016, Addis Ababa, Ethiopia.
- "Agriculture, Economics and Nature" an online course conducted by School of Agriculture and Resource Economics, University of Western Australia, Australia. (February to April 2015)
- "Introduction to Disaster Risk Management" an eCourse conducted by Climate Change Program, The World Bank Institute from 23rd September to 25th October 2014, Washington DC, USA.
- "Sustainable Agricultural Land Management Projects: Soil Carbon Monitoring" an eCourse conducted by Climate Change Program, The World Bank from 18th Nov to 6th Dec 2013, Washington DC, USA.
- "Project Management" training organized by UN Economic Commission for Africa (UNECA) 16th to 17th August 2010, Addis Ababa, Ethiopia.
- "Enhancing Knowledge on Climate Change to Support Development" training organized by UNITAR, UNEP and UNFCCC held at UN Economic Commission for Africa from 17th to 20th November 2009, Addis Ababa, Ethiopia.
- "Applications of Biotechnology and Its Regulations" an International Training organized by The Energy and Resources Institute (TERI) from 4th to 21st August 2009, New Delhi, India.
- "R & D in Irrigation and Fertigation in Controlled Environment" International training workshop organized by the Ministry of Agriculture and Rural Development, MASHAV, CINADCO and ARO. 10th Nov to 4th Dec 2003, Volcani Center, Bet-Dagan, State of Israel.

Conference Contributions and Other Presentations

- **Nega Debela** (2012) Ethiopian Agriculture - An Overview. Young Crawford Group Meeting, 3 April 2012, University of Tasmania, Hobart, Australia.
- **Nega Debela** (2012) Adaptation to climate variability and change in Ethiopian smallholder agriculture: Insights from the pastoralist systems. Intercampus experience sharing, 2 February 2012, University of Tasmania, Burnie, Australia.
- **Nega Debela** (2011) Exploring adaptation to climate variability and change in Ethiopia: the case of pastoral systems in the Borana lowlands. Sharing Excellence in Research (SEiR), Annual Graduate Research Conference, 1 - 2 September 2011, University of Tasmania, Hobart, Australia.
- Abebe Yadessa, Diriba Bekere, Teshome Takele, **Nega Emiru** and Ashenafi Degefe (2005) Effects of Cajanus cajan biomass transfer and inorganic fertilizer on growth and yield of open pollinated maize variety on acidic Nitosols of western Oromia, Ethiopia. African Crop Science Conference Proceedings, Vol. 7. pp. 1143-1148.
- Abebe Yadessa, Teshome Takele, **Nega Emiru** and Ashenafi Degefa (2004) Effects of Different Nursery Potting Media on Growth and Survival of Containerized Tree Seedlings in Oromia, Ethiopia. Poster presentation on 1st World Congress of Agroforestry: Working Together for Sustainable Land Use Systems. 27th June - 2nd July 2004 Orlando, Florida, USA. Page 409

Memberships (Professional and Social)

Nega E. Debela

- Member of the Ethiopian CAADP Biennial Report Preparation Team working on compiling and reporting data on 47 indicators on progress of Malabo Declaration commitments being a focal person on National Theme 6 - Climate Resilience indicators (Since 2021)
- Member of the Organization for Social Science Research in East and Southern Africa (OSSREA) (Since 2017)
- Member of the Ethiopian Association of Agricultural Professionals (EAAP), Addis Ababa, Ethiopia (Since 2012)

Others

- Valid 2nd Grade Ethiopian auto driving license with years of driving experience

References

1. Adane H. Tufa, PhD
Agricultural Economist | IITA-MISST Projects
International Institute of Tropical Agriculture
PO Box 30258, Lilongwe 3, Malawi
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2. Isatou Gaye, Chief, NEPAD Coordination Unit
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The information I have provided here is true and correct to the best of my knowledge and belief.

Date: 29 June 2021

Signature:

