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CURRENT EMPLOYMENT: Research Fellow, Business, Markets and the State Cluster

LANGUAGES: English, Amharic and Afan Oromo

THEMATIC EXPERTISE: Agriculture, food, and nutrition; renewable energy; green industrial policy; enterprise development and youth employment; political economy analysis, and value chains.

GEOGRAPHICAL EXPERTISE: Ethiopia, Kenya, and sub-Saharan Africa; Vietnam

OVERVIEW

Seife is a development economist with over 25 years' experience in research, teaching, and development practice. His work focuses on agricultural commercialisation and mechanisation, energy transition, enterprise development, green industrial policy, political economy analysis, and value chains analysis. He is currently a fellow in the [Business, Markets and the State](#) cluster at the Institute of Development Studies. Prior to joining IDS, he directed programmes in Ethiopia providing access to and adoption of improved agricultural technologies by smallholder farmers. He has also held a Research Scientist position at the International Livestock Research Institute, in Nairobi, and a Research Fellow position at the Open University, UK. He has led and conducted significant research in Africa and Asia and has extensively published in the areas of renewable energy, agricultural innovations and technology adoption and enterprise development. His external roles have included membership of steering committees for international research and contribution to policy consultation processes. He is a member/associate member of networks and professional societies.

EDUCATION AND QUALIFICATIONS

1997 - 2002	PhD in Development and Business Studies Thesis title: The Role and Impact of Investment Incentives on Small and Medium-Sized Enterprise Development in Ethiopia (The Open University, UK)
1992 - 1993	MA Development Economics School of Development Studies, University of East Anglia, UK
1991 - 1992	Graduate Diploma, The Economics of Public Policy School of Economics and Social Studies, University of East Anglia, UK
1981 - 1985	BA in Economics Addis Ababa University, Ethiopia

RECORD OF EMPLOYMENT

2016 – PRESENT	Research Fellow, Institute of Development Studies, UK Research focuses on business, markets, and the state in development.
2012 – 2015	Consultant, Ethiopian Agricultural Transformation Agency (ATA), Addis Ababa

	Director, Mechanization Programme; and Technology Access and Adoption Programme.
2008 – 2011	Research Scientist, International Livestock Research Institute, Nairobi, Kenya Designed and implemented research into innovation capacities and processes to enhance understanding and sustainable improvement to the well-being of farmers.
1997 – 2008	Tutor/Research Fellow, Open University, UK
1985 – 1995	Economic Policy Analyst, Ministry of Planning and Economic Development, Ethiopia Macroeconomic policy analyst, including project preparation, appraisal, and impacts.

AFFILIATIONS

Member, Ethiopian Economics Association, Addis Ababa, Ethiopia

Associate member of the Innogen Centre, The Open University - University of Edinburgh

SELECTED EXPERIENCE

2016-2023	Various studies, including: in 2019-22 lead the study of Renewable Energy Development in Ethiopia which explored obstacles in energy procurement from independent power producers; in 2022-23, lead program multiplier development work for Heifer International. Doctoral students' supervision and examination: supervised two doctoral students to completion and two are on-going. Examined three successful doctoral theses. Seife also supervised dozens of MA and MSc students.
2012-15	Mechanisation and Technology Access and Adoption Programmes Director, ATA, Ethiopia: led on several projects, including the development of the National Agricultural Mechanization Strategy.

SELECTED PUBLICATIONS AND OUTPUTS

Worako, T.K.; Shen, W.; Mulugetta, Y. and Ayele, S. (2023) '[Governance of Renewable Energy Procurement via Private Suppliers: The Ethiopian experience](#)', *Energy Policy* 184(2024), DOI: 10.1016/j.enpol.2023.113889 (accessed 22 November 2023)

Worako, T.K.; Shen, W. and Ayele, S. (2023) '[The political economy of green industrial policy in Africa: Unpacking the coordination challenges in Ethiopia](#)', *Energy Policy* 184(2023): DOI: 10.1016/j.enpol.2023.113889 (accessed 22 November 2023)

Ayele, S. (2022) '[The Resurgence of Agricultural Mechanisation in Ethiopia: Rhetoric or Real Commitment?](#)', *Journal of Peasant Studies* 49(1): 137-157, DOI: 10.1080/03066150.2020.1847091 (accessed 22 November 2023)

Shen, W and Ayele, S. (2022) '[Renewable Energy Procurement by Private Suppliers in Ethiopia](#)', *IDS Policy Briefing* 187, Brighton: Institute of Development Studies (accessed 22 November 2023)

Orchard, S.; Glover, D.; Thapa, K. S.; Ayele, S.; Sen, D.; Rathod, R. and Rowhani, P. (2020) '[Exploring Synergies and Trade-offs Among the Sustainable Development Goals: Collective Action and Adaptive Capacity in Marginal Mountainous Areas of India](#)', *Sustainability Science* 15: 1665–1681, DOI: 10.1007/s11625-019-00768-8 (accessed 22 November 2023)

Ayele, S.; Thorpe, J.; Ayele, G.; Chingaibe, H.; Teye, J.K. and O'Flynn, P. (2020) [Agribusiness Investment in Agricultural Commercialisation: Rethinking Policy Incentives in Africa](#), APRA Working Paper 33, Brighton: Future Agricultures Consortium, Institute of Development Studies (accessed 28 November 2023)

Ayele, S.; Nisbett, N. and Zegeye, E.A. (2020) '[Overcoming Challenges in Ethiopia's Nutrition Governance](#)', IDS Policy Briefing, Brighton: Institute of Development Studies (accessed 28 November 2023)

Belay, D.; Negatu, W. and Ayele, S. (2019) '[Gender, Social Capital, and Market Participation in Dairy Cooperatives in West Shoa, Ethiopia](#)', *AgriGender* 4.2: 1-17, DOI: 10.19268/JGAFS.422019.3 (accessed 28 November 2023)

Ayele, S.; Oosterom, M. and Glover, D. (2018) '[Introduction: Youth Employment and the Private Sector in Africa](#)', *IDS Bulletin* 49.5: 1-14, DOI: [10.19088/1968-2018.167](#) (accessed 28 November 2023)

Ayele, S.; Khan, S. and Sumberg, J. (2017) '[Introduction: New Perspectives on Africa's Youth Employment Challenge](#)', *IDS Bulletin* 48.3: 1-12, DOI: [10.19088/1968-2018.167](#) (accessed 28 November 2023)

Ayele, S.; Mader, P.; Thorpe, J.; Gu, J.; Morales, M.M. and Reed, P. (2016) [State-Business Relations Beyond Growth: Bringing in Development](#), IDS Evidence Report 215, Brighton: Institute of Development Studies (accessed 28 November 2023)

Ayele, S.; Duncan, A.; Larbi, A. and Khanh, T.T. (2012) '[Enhancing Innovation in Livestock Value Chains: Lessons from Fodder Adoption Case Studies in Developing Countries](#)', *Science and Public Policy* 39: 333-346, DOI: 10.1093/scipol/scs022 (accessed 28 November 2023)

Ayele, S. (2008) '[Biotechnology and Biodiversity Debates and Policies in Africa](#)', *International Journal of Biotechnology* 10.2/3: 207-223, DOI: 10.1504/IJBT.2008.018353 (accessed 28 November 2023)

Ayele, S. (2007) '[The Legitimation of GMO Governance in Africa](#)', *Science and Public Policy* 34.4: 239-249, DOI: 10.3152/030234207X213931 (accessed 28 November 2023)

Ayele, S.; Chataway, J. and Wield, D. (2006) '[Partnerships in African Crop Biotech](#)', *Nature Biotechnology* 24: 619-621, DOI: 10.1038/nbt0606-619 (accessed 28 November 2023)

Ayele, S. (2006) '[The Industry and Location Impacts of Investment Incentives on SMEs in Ethiopia](#)', *Journal of International Development* 18.1: 1-13, DOI: 10.1002/jid.1186 (accessed 28 November 2023)

Ayele, S. and Wield, D. (2005) '[Science and Technology Capacity Building and Partnership in the African Agriculture: Perspectives on Mali and Egypt](#)', *Journal of International Development* 17.5: 631-646, DOI: 10.1002/jid.1228 (accessed 28 November 2023)