

## CURRICULUM VITAE

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### Education:

Dr.Scient.(PhD)-Development/Resource/Agricultural economics (1991)  
Dissertation: "Peasants and Sustainable Development: the Chitemene region of Zambia. Theory, Evidence, and Models".  
Cand.Agric.(MSc)-Crop Science (1983)

### Relevant work experience:

Department for Economics and Resource Management, Norwegian University of Life Sciences :	Professor	2002-
	Associate professor	1992-2002
Centre for Development and Environment (SUM), University of Oslo: Indonesia-research	Researcher	1991-92
Department of Economics and Social Sciences, Agricultural University of Norway	PhD-scholar	1988-91
Agroforestry researcher, Soil Productivity Research Program, Zambia		1985-88

A number of consultancy jobs for the World Bank, UNCTAD, CIFOR, SIDA, NORAD, UNHABITAT  
1993-2009

### Recent publications for presentation in conferences, journals and books:

Holden, S. T. and Lunduka, R. (2010). Too Poor to be Efficient? Impacts of the Targeted Fertilizer Subsidy Program in Malawi on Farm Plot Level Input Use, Crop Choice and Land Productivity. Report to NORAD. Department of Economics and Resource Management, Norwegian University of Life Sciences.

Holden, S. T. and Lunduka, R. (2010). Impacts of the fertilizer subsidy program in Malawi: Targeting, household perceptions and preferences. Report to NORAD. Department of Economics and Resource Management, Norwegian University of Life Sciences.

Holden, S. T. and Lunduka, R. (2010). Yara, the Fertilizer Industry and the Impacts on Small Farmers in Malawi. Understanding the Issues 1/2010. Norwegian Church Aid, Lilongwe and Oslo.

Holden, S. T. and Sietchiping, R. (2010). Land, Environment and Climate Change. Challenges, Responses and Tools. Global Land Tools Network, UNHABITAT, Nairobi.

Holden, S. T., Deininger, K. and Ghebru, H. (2010). Impact of land registration and certification on land border conflicts in Ethiopia. Paper presented at the World Bank Annual Conference on Land Policy and Administration in Washington DC April 26-27, 2010.

Aryal, J. and Holden, S. T. (2010). Caste, Marshallian Inefficiency, and the Farm Size-Productivity Relationship. Paper submitted to *Economic Development and Cultural Change*.

Aryal, J. and Holden, S. T. (2010). What Drives Livestock Renting in Nepal – Maoist War or Resource Constraints? Paper submitted to *Agricultural Economics*.

Bezu, S., Holden, S. T., and Barrett, C. B. (2010). Does Nonfarm Economy Offer Pathways for Upward Mobility? Department of Economics and Resource Management, Norwegian University of Life Sciences, Ås.

Tatwangire, A. and Holden, S. T. (2010). Changes in Human Capital and Impacts on Household Welfare in Uganda. Department of Economics and Resource Management, Norwegian University of Life Sciences, Ås.

Holden, S. T., Deininger, K. and Ghebru, H. (2009). Do land reforms reduce land border disputes? Paper presented at the Norwegian Economists' Annual Conference in Bergen 5-6. January 2009.

Holden, S. T., Deininger, K. and Ghebru, H. (2009). Tenure Insecurity, Gender, Low-cost Land Certification and Land Rental Market Participation. Paper presented at the "Land Governance in Support of the MDG's: Responding to New Challenges" Conference at The World Bank, Washington, D.C. on March 9-10, 2009.

Holden, S. T., Deininger, K. and Ghebru, H. (2009). Gender, Low-cost Land Certification and Land Rental Market Participation. Paper presented at the [27th IAAE Conference Beijing, China 16-22 August 2009](#).

Holden, S. T. (2009). Has the Ethiopian Land-Reform been Pro-poor? Paper presented at the conference on Sustainable Land Management and Poverty Alleviation, Addis Ababa, 18-19 May, 2009.

Holden, S. (2009). Institutions, Restitution, and Markets. Plenary paper to be presented at the Environmental and Resource Economics Conference in Cape Town, 20-22. May 2009.

Holden, S., Xu, J. and Jiang, X. (2009). Tenure Security and Forest Tenure Reforms in China. Paper to be presented in the Nordic Conference in Development Economics at Oscarsborg, Drøbak, 18-19<sup>th</sup> June, 2009.

Tatwangire, A. and Holden, S. T. (2009). Modes of Land Access and Welfare Impacts in Uganda. Paper presented at the [27th IAAE Conference Beijing, China 16-22 August 2009](#).

**Recent submissions for consideration in scientific journals:**

Bezabih, M. and Holden, S. T. (2008). Contract Renewal and Tenure Insecurity in Explaining Productivity Differentials between Female- and Male-owned Farms. Paper submitted to *Journal of Development Studies*

Gebregziabher, G. and Holden, S. T. (2009). Distress Rentals and the Land Rental Market as a Safety Net: Evidence from Tigray, Ethiopia. Paper under revision for *Agricultural Economics*.

Holden, S. T., Deininger, K. and Ghebru, H. (2009). Tenure Insecurity, Gender, Low-cost Land Certification and Land Rental Market Participation. Paper revised for *Journal of Development Studies*.

**Recently published papers in scientific journals:**

Gebregziabher, G., Namara, R. E. and Holden, S. T. (2009). Poverty reduction with irrigation investment: An empirical case study from Tigray, Ethiopia. *Agricultural Water Management* 96, 1837-1843.

Holden, S. T., Deininger, K. and Ghebru, H. (2009). Impacts of Low-cost Land Certification on Investment and Productivity. *American Journal of Agricultural Economics* 91 (2): 359-373.

Benjaminsen, T. A., Holden, S. T., Lund, C. and Sjaastad, E. (2009). Formalisation of land rights: Some empirical evidence from Mali, Niger and South Africa. *Land Use Policy* 26: 28–35

Bezu, S. and Holden, S. T. (2008). Can Food-for-Work Encourage Agricultural Production? *Food Policy* 33(5): 541-549.

Deininger, K., Ali, D., Holden, S. T. og Zevenbergen, J. (2008). Rural land certification in Ethiopia: Process, initial impact, and implications for the other African countries. *World Development* 36(10): 1786-1812.

Kassie, M. and Holden, S. T. (2007). Sharecropping Efficiency in Ethiopia: Threats of Eviction and Kinship. *Agricultural Economics* 37:179-185.

Hagos, F. and Holden, S. T. (2006). Tenure security, resource poverty, public programs, and household plot-level conservation investments in the highlands of northern Ethiopia. *Agricultural Economics* 34, 183-196.

Holden, S. T., Barrett, C. and Hagos, F. (2006). Food-for-Work for Poverty Reduction and Promotion of Sustainable Land Use: Can it Work? *Environment and Development Economics* 11, 15-38.

Holden, S. T., Shiferaw, B. and Pender, J. (2004). Non-farm Income, Household Welfare and Sustainable Land Management in a Less-favoured Area in the Ethiopian Highlands. *Food Policy* 29, 369-392.

Wik, M., Aragie, T. K., Bergland, O. and Holden, S. T. (2004). On the Measurement of Risk Aversion from Experimental Data. *Applied Economics* 36, 2443-2451.

Holden, S. T. and Shiferaw, B. (2004). Land Degradation, Drought and Food Security in a Less-favoured Area in the Ethiopian Highlands: A Bio-economic Model with Market Imperfections. *Agricultural Economics* 30 (1): 31-49.

#### **Recent book contributions:**

Deininger, K., D. Ayalew Ali, S. Holden, J. Zevenbergen (2010). *Certification foncière en Éthiopie : processus et impact initial*. In Jean-Philippe Colin, Pierre-Yves Le Meur & Eric Léonard (eds), *Les politiques d'enregistrement des droits fonciers Du cadre légal aux pratiques locales*. Karthala, France.

Holden, S. and R. Lunduka (2010). Yara and the fertilizer industry in Malawi. Understanding the Issues 1/2010. Norwegian Church Aid, Oslo.

Holden, S. and R. Sietchiping (2010). Land, Environment and Climate Change. Challenges, Responses and Tools. UN-HABITAT, Nairobi.

Holden, S. T., Otsuka, K. and Place, F. (Eds) (2008). *The Emergence of Land Markets in Africa: Impacts on Poverty, Equity and Efficiency*. Resources For the Future Press, Washington D.C.

[http://www.amazon.com/Emergence-Land-Markets-Africa-Efficiency/dp/1933115696/ref=sr\\_11\\_1?ie=UTF8&qid=1237221086&sr=11-1](http://www.amazon.com/Emergence-Land-Markets-Africa-Efficiency/dp/1933115696/ref=sr_11_1?ie=UTF8&qid=1237221086&sr=11-1)

Holden, S. T., Otsuka, K. and Place, F. (2008). Land Markets in Africa. In Holden, S. T., Otsuka, K. and Place, F. (Eds.). *The Emergence of Land Markets in Africa: Impacts on Poverty, Equity and Efficiency*. Resources For the Future Press, Washington D.C.

Holden, S. T., Otsuka, K. and Place, F. (2008). Conceptual and Theoretical Framework. In Holden, S. T., Otsuka, K. and Place, F. (Eds.). *The Emergence of Land Markets in Africa: Impacts on Poverty and Efficiency*. Resources For the Future Press, Washington D.C.

Holden, S. T., Otsuka, K. and Place, F. (2008). Conclusions: Land Markets and Poverty in Perspective. In Holden, S. T., Otsuka, K. and Place, F. (Eds.). *The Emergence of Land Markets in Africa: Impacts on Poverty, Equity and Efficiency*. Resources For the Future Press, Washington D.C.

Ghebru, H. and Holden, S. T. (2008). Factor Market Imperfections and Rural Land Rental Markets in Northern Ethiopian Highlands. In Holden, S. T., Otsuka, K. and Place, F. (Eds.). *The Emergence of Land Markets in Africa: Impacts on Poverty and Efficiency*. Resources For the Future Press, Washington D.C.

Lunduka, R., Holden, S. T. and Øygard, R. (2008). Land Rental Market Participation and Tenure Security in Malawi. In Holden, S. T., Otsuka, K. and Place, F. (Eds.). *The Emergence of Land Markets in Africa: Impacts on Poverty and Efficiency*. Resources For the Future Press, Washington D.C.

Tadesse, M., Holden, S. T., and Øygard, R. (2008). Contract Choice and Poverty in Southern Highlands of Ethiopia. In Holden, S. T., Otsuka, K. and Place, F. (Eds.). *The Emergence of Land Markets in Africa: Impacts on Poverty and Efficiency*. Resources For the Future Press, Washington D.C.

Holden, S. T. and Bezabih, M. (2008). Gender and Land Productivity on Rented Out Land: Evidence from Ethiopia. In Holden, S. T., Otsuka, K. and Place, F. (Eds.). *The Emergence of Land Markets in Africa: Impacts on Poverty and Efficiency*. Resources For the Future Press, Washington D.C.

Kassie, M. and Holden, S. T. (2008). The Impact of Kinship and Tenure Insecurity on Land Productivity and Input Use under Sharecropping in Ethiopia. In Holden, S. T., Otsuka, K. and Place, F. (Eds.). *The Emergence of Land Markets in Africa: Impacts on Poverty and Efficiency*. Resources For the Future Press, Washington D.C.

Holden, S. T. and Tefera, T. (2008). Early Impacts of Land Registration and Certification on Women in Southern Ethiopia. Final Research Report submitted to UN-HABITAT, Shelter Branch, Land Tenure and Property Administration Section. Nairobi.

Claussen, J., Holden, S. T., Luoga, F. D. and Semboja, J. (2008). Annual Review of the Property and Business Formalisation Programme (PBF) in Tanzania. Report written for NORAD and President's Office, Tanzania.

Holden, S. T. (2007). Growing importance of land tenancy and its implications for efficiency and equity in Africa. In: E. Bulte og R. Ruben (eds.) *Development economics between markets and institutions. Incentives for growth, food security and sustainable use of the environment*. Mansholt publication series, Vol. 4. Wageningen Academic Publishers, Wageningen.

Xiaoping, S, N. Heerink, S. Holden and F. Qu (2007). Off-farm Employment, Factor Market Development and Input Use in Farm Production – A Case Study of a Remote Village in Jiangxi Province, China. *Dragons with Clay Feet? Transition, Sustainable Land Use and Rural Environment*

*in China and Vietnam*, edited by M. Spoor, N. Heerink and F. Qu, Rowman & Littlefield Publishers, Inc.

Holden, S. T., Shiferaw, B. and Pender, J. (2006). *Policies for Poverty Reduction, Sustainable Land Management and Food Security – A Bio-economic Model with Market Imperfections*. In J. Pender, F. Place and S. Ehui (eds.), *Strategies for Sustainable Land Management in the East African Highlands*. International Food Policy Research Institute, Washington, D. C. <http://www.ifpri.org/pubs/books/oc53.asp>

Holden, S. T., Shiferaw, B. and Pender, J. (2005). *Policy Analysis for Sustainable Land Management and Food Security – A Bio-economic Model with Market Imperfections*. Research Report 140. International Food Policy Research Institute, Washington D. C.

Barrett, C., Holden, S. and Clay, D. (2005). Can Food-For-Work Programs Reduce Vulnerability? In S. Dercon, (ed.), *Insurance Against Poverty*. Oxford University Press, Oxford.

Holden, S. and Lofgren, H. (2005). Assessing the Impacts of Natural Resource Management Policy Interventions with a Village General Equilibrium Model. In B. Shiferaw, H. Ade Freeman and S. Swinton (eds.), *Natural Resource Management in Agriculture: Methods for Assessing Economic and Environmental Impacts*. CABI Publishing, pp. 295-318.

Holden, S. (2005). Bio-economic Modelling Approaches for Natural Resource Management Impact Assessment. In B. Shiferaw, H. Ade Freeman and S. Swinton (eds.), *Natural Resource Management in Agriculture: Methods for Assessing Economic and Environmental Impacts*. CABI Publishing, pp.175-196.

Shiferaw, B. and Holden, S. (2005). Assessing the Economic and Environmental Impacts of Conservation Technologies and Poverty-investment Linkages: A Farm-level Bio-economic Modeling Approach. In B. Shiferaw, H. Ade Freeman and Scott Swinton (eds.), *Natural Resource Management in Agriculture: Methods for Assessing Economic and Environmental Impacts*. CABI Publishing, pp. 269-294.