

## Land Research Publications (2010- 2019)

Publications by staff of the [Development Research Group, World Bank](#)  
(Updated November 2019)

### **2019**

#### **Sustaining land registration benefits by addressing the challenges of reversion to informality in Rwanda**

**Daniel Ayalew Ali, Klaus Deininger, Godfrey Mahofa, and Rhona Nyakulama**

*Land Use Policy*, November 2019.

<https://doi.org/10.1016/j.landusepol.2019.104317>

#### **Using satellite imagery to create tax maps and enhance local revenue collection**

**Daniel Ayalew Ali, Klaus Deininger, and Michael Wild**

*Applied Economics*, August 2019.

<https://doi.org/10.1080/00036846.2019.1646408>

#### **Property rights reform to support China's rural - urban integration: household-level evidence from the Chengdu experiment**

**Klaus Deininger, Songqing Jin, Shouying Liu, and Fang Xia**

*Australian Journal of Agricultural and Resource Economics* 59, July 2019.

<https://doi.org/10.1111/1467-8489.12328>

#### **Making Secure Land Tenure Count for Global Development Goals and National Policy: Evidence from Zambia**

**Daniel Ayalew Ali, Klaus Deininger, Thea Hilhorst, Frank Kakungu, and Yuanyuan Yi**

World Bank Policy Research Working Paper 8912, June 2019.

<http://documents.worldbank.org/curated/en/255701561466664958/Making-Secure-Land-Tenure-Count-for-Global-Development-Goals-and-National-Policy-Evidence-from-Zambia>

#### **Does Large Farm Establishment Create Benefits for Neighboring Smallholders? Evidence from Ethiopia**

**Daniel Ali, Klaus Deininger, and Anthony Harris**

*Land Economics* 95(1):71–90, February 2019.

<https://www.doi.org/10.3368/le.95.1.71>

#### **Heterogeneous welfare impacts of National Rural Employment Guarantee Scheme: Evidence from Andhra Pradesh, India**

**Klaus Deininger and Yanyan Liu**

*World Development* 117: 98-111, 2019.

<https://doi.org/10.1016/j.worlddev.2018.12.014>

#### **Gendered Incidence and Impacts of Tenure Insecurity on Agricultural Performance in Malawi's Customary Tenure System**

**Klaus Deininger, Fang Xia, and Stein Holden**

*The Journal of Development Studies* 55(4): 597-619, 2019.

<https://doi.org/10.1080/00220388.2018.1425395>

**2018**

**Gender Gaps in Property Ownership in Sub-Saharan Africa**

Isis Gaddis, Rahul Lahoti, and Wenjie Li

World Bank Policy Research working Paper 8573, August 2018

<http://documents.worldbank.org/curated/en/939291535658711278/Gender-Gaps-in-Property-Ownership-in-Sub-Saharan-Africa>

**Determinants of Productivity and Structural Change in a Large Commercial Farm Environment: Evidence from Ukraine**

Klaus Deininger, Denys Nizalov, and Sudhir Singh

*The World Bank Economic Review* 32(2): 287-306, 2018.

<https://academic.oup.com/wber/article/32/2/287/2965623>

**Utilizing Publicly Available Satellite Data for Urban Research: Mapping Built-up Land Cover and Land Use in Ho Chi Minh City, Vietnam**

Ran Goldblatt, Klaus Deininger, and G. Hanson

*Development Engineering* 3: 83-99, 2018.

<https://www.sciencedirect.com/science/article/pii/S2352728517300842>

**Can Labor-Market Imperfections Explain Changes in the Inverse Farm Size-Productivity Relationship? Longitudinal Evidence from Rural India**

Klaus Deininger, Songqing Jin, Yanyan Liu, and Sudhir K. Singh

*Land Economics* 94(2): 239-258, 2018.

<http://le.uwpress.org/content/94/2/239.abstract>

**Gendered incidence and impact of tenure insecurity on agricultural performance in Malawi's customary tenure system**

Klaus Deininger, Fang Xia, and Stein Holden

*Journal of Development Studies*, 2018.

<https://www.tandfonline.com/doi/full/10.1080/00220388.2018.1425395>

**Assessing effects of large scale land transfers: Challenges and opportunities in Malawi's estate sector**

Klaus Deininger and Fang Xia

*World Development* 104: 281-296, 2018.

<https://doi.org/10.1016/j.worlddev.2017.11.025>

**Using Satellite Imagery to Revolutionize Creation of Tax Maps and Local Revenue Collection**

Daniel Ayalew Ali, Klaus Deininger, and Michael Wild

Research Working Paper Series 8437, May 2018 | [Blog](#)

<http://documents.worldbank.org/curated/en/347231526042692012/Using-satellite-imagery-to-revolutionize-creation-of-tax-maps-and-local-revenue-collection>

**Assessing the Long-term Performance of Large-scale Land Transfers: Challenges and Opportunities in Malawi's Estate Sector**

Klaus Deininger and Fang Xia

*World Development*, April 2018.

[Journal Article](#) | [Working Paper Version](#) | [Policy Brief](#)

### **Costs and Benefits of Land Fragmentation: Evidence from Rwanda**

Ali, D. A., K. W. Deininger, and L. Ronchi.

*World Bank Economic Review*, April 2018.

<https://academic.oup.com/wber/advance-article/doi/10.1093/wber/lhx019/4969849>

### **Using Satellite Imagery to Assess Impacts of Soil and Water Conservation Measures: Evidence from Ethiopia's Tana-Beles Watershed**

Daniel Ayalew Ali, Klaus Deininger, and Daniel Monchuk

World Bank Policy Research Working Paper 8321, January 2018

<http://documents.worldbank.org/curated/en/210541517252830368/Using-satellite-imagery-to-assess-impacts-of-soil-and-water-conservation-measures-evidence-from-Ethiopia's-Tana-Beles-Watershed>

### **The Spatial Sorting of Informal Dwellers in Cities in Developing Countries: Theory and Evidence**

Harris Selod and Lara Tobin

PSE Working Papers, February 2018.

<https://halshs.archives-ouvertes.fr/halshs-01703178>

## **2017**

### **Assessing Effects of Large-Scale Land Transfers: Challenges and Opportunities in Malawi's Estate Sector**

Klaus Deininger and Fang Xia

World Bank Policy Research Working Paper 8200, September 2017.

<http://documents.worldbank.org/curated/en/794751505916933601/Assessing-effects-of-large-scale-land-transfers-challenges-and-opportunities-in-Malawis-estate-sector>

### **Compulsory Land Acquisition in Developing Countries: Shifting Paradigm or Entrenched Legacy?**

Jonathan Lindsay, Klaus Deininger, Thea Hilhorst, In *Eminent Domain- a comparative perspective*, edited by Iljoong Kim, Hojun Lee, and Ilya Somin, 188-155. Cambridge University Press.

<https://doi.org/10.1017/9781316822685.006>

### **Using National Statistics to Increase Transparency of Large Land Acquisition: Evidence from Ethiopia**

Daniel Ayalew Ali, Klaus Deininger, and Anthony Harris

*World Development*, May 2017.

<https://ideas.repec.org/a/eee/wdevel/v93y2017icp62-74.html>

### **Gender-Differentiated Impacts of Tenure Insecurity on Agricultural Performance in Malawi's Customary Tenure Systems**

Klaus Deininger, Fang Xia, and Stein Holden

Policy Research Working Paper 7943, January 2017

[Working Paper](#) | [Policy Brief](#)

### **Personality Traits, Technology Adoption, and Technical Efficiency: Evidence from Smallholder Rice Farms in Ghana**

Daniel Ayalew Ali, Derick Bowen, and Klaus Deininger

World Bank Policy Research Working Paper 7959, January 2017.  
<http://documents.worldbank.org/curated/en/727211486054089844/Personality-traits-technology-adoption-and-technical-efficiency-evidence-from-smallholder-rice-farms-in-Ghana>

**New ways to assess and enhance land registry sustainability: Evidence from Rwanda**

Daniel Ayalew Ali, Klaus Deininger, and Marguerite Duponchel  
*World Development* 99: 377-394, 2017.  
<https://doi.org/10.1016/j.worlddev.2017.05.016>

**Does land fragmentation increase cost of cultivation? Evidence from India**

Klaus Deininger, H.K. Nagarajan, S. Singh, and D. Monchuk  
*Journal of Development Studies* 53(1): 82-98, 2017.  
<https://ideas.repec.org/a/taf/jdevst/v53y2017i1p82-98.html>

**Smallholders' Land Access in Sub-Saharan Africa: A New Landscape?**

Klaus Deininger, S. Savastano, and F. Xia  
*Food Policy* 67: 78-92, 2017.  
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5384435/>

**Toward More Evidence-based Decision-making in the Land Sector: Can It Help to Close Implementation Gaps?** In *Agriculture and Rural Development in a Globalizing World*, edited by Prabhu Pingali and Gershon Feder. Earthscan Food and Agriculture Series. London: Routledge, 2017.  
<https://www.taylorfrancis.com/books/e/9781315314044/chapters/10.4324%2F9781315314051-16>

**2016**

**Small Price Incentives Increase Women's Access to Land Titles in Tanzania**

Daniel Ayalew Ali, Mathew Collin, Klaus Deininger, Stefan Dercon, Justin Sandefur, and Andrew Zeitlin  
*Journal of Development Economics*, November 2016.  
<https://ideas.repec.org/a/eee/deveco/v123y2016icp107-122.html>

**Using Administrative Data to Assess the Impact and Sustainability of Rwanda's Land Tenure Regularization**

Daniel Ayalew Ali, Klaus Deininger, and Marguerite Duponchel  
Policy Research Working Paper 7705, June 2016  
<http://documents.worldbank.org/curated/en/2016/06/26497918/using-administrative-data-assess-impact-sustainability-rwandas-land-tenure-regularization>

**Large Farm Establishment, Smallholder Productivity, Labor Market Participation, and Resilience**

Daniel Ayalew Ali, Klaus Deininger, and Anthony Harris  
Policy Research Working Paper 7576, February 2016  
<http://documents.worldbank.org/curated/en/650951468187134876/pdf/WPS7576.pdf>  
[Policy Brief](#)

**Investigating the Gender Gap in Agricultural Productivity: Evidence from Uganda**

Daniel Ayalew Ali, Derek Bowen, Klaus Deininger, and Marguerite Duponchel.  
*World Development* 87: 152-170, 2016.  
<http://dx.doi.org/10.1016/j.worlddev.2016.06.006>

## **A Land Tenure Module for LSMS**

Stein T. Holden, Daniel Ayalew Ali, Klaus Deininger, and Thea Hilhorst  
CLTS Working Papers 1/16, Norwegian University of Life Sciences, Centre for Land Tenure Studies, 2016.  
[https://ideas.repec.org/p/hhs/nlsclt/2016\\_001.html](https://ideas.repec.org/p/hhs/nlsclt/2016_001.html)

**2015**

## **How Innovations in Land Administration Reform Improve on Doing Business: Cases from Lithuania, the Republic of Korea, Rwanda and the United Kingdom**

Edited by Thea Hilhorst and Frederic Meunier, Washington, DC: World Bank, 2015.  
<http://documents.worldbank.org/curated/en/450041467995100809/How-innovations-in-land-administration-reform-improve-on-doing-business-cases-from-Lithuania-the-Republic-of-Korea-Rwanda-and-the-United-Kingdom>

## **Is There a Farm Size-Productivity Relationship in African Agriculture? Evidence from Rwanda**

Daniel Ayalew Ali and Klaus K. Deininger  
*Land Economics* 91(2): 317-343, 2015.  
<http://le.uwpress.org/content/91/2/317.full.pdf+html>

## **Household Responses to Shocks in Rural Ethiopia: Livestock as a Buffer Stock**

Daniel Ayalew Ali  
World Bank, Policy Research Working 7244, June 2015.  
<http://documents.worldbank.org/curated/en/2015/04/24407922/household-responses-shocks-rural-ethiopia-livestock-buffer-stock>

## **Pronatal Property Rights over Land and Fertility Outcomes: Evidence from a Natural Experiment in Ethiopia**

Daniel Ayalew Ali, Klaus Deininger, and Niels Kemper  
World Bank Policy Research Working Paper 7419, September 2015.  
<http://documents.worldbank.org/curated/en/2015/09/25080365/pronatal-property-rights-over-land-fertility-outcomes-evidence-natural-experiment-ethiopia>

## **Costs and Benefits of Land Fragmentation: Evidence from Rwanda**

Daniel Ayalew Ali, Klaus Deininger, and Loraine Ronchi  
World Bank Policy Research Working Paper 7290, June 2015.  
<http://documents.worldbank.org/curated/en/2015/06/24583162/costs-benefits-land-fragmentation-evidence-rwanda>

## **Land Delivery Systems in West African Cities: The Example of Bamako, Mali**

Alain Durand-Lasserve, Maÿlis Durand-Lasserve, and Harris Selod  
Africa Development Forum; Washington, DC: World Bank; and Agence Française de Développement, March 2015.  
<http://documents.worldbank.org/curated/en/877501468188338713/Le-syst%C3%A8me-dapprovisionnement-en-terres-dans-les-villes-dAfrique-de-l-Ouest-lexemple-de-Bamako>

## **Formalizing Rural Land Rights in West Africa: Early Evidence from a Randomized Impact Evaluation in Benin**

Markus Goldstein, Kenneth Hounghbedji, Florence Kondylis, Michael O'Sullivan, and Harris Selod

World Bank Policy Research Working Paper 7435, October 2015.  
<http://documents.worldbank.org/curated/en/2015/10/25132197/formalizing-rural-land-rights-west-africa-early-evidence-randomized-impact-evaluation-benin>

### **What Drives the Global Land Rush?**

Rahba Arezki, Klaus Deininger, and Harris Selod  
The *World Bank Economic Review* 29(2): 207-33, 2015.  
<http://dx.doi.org/10.1093/wber/lht034>

## **2014**

### **Causes and Implications of Credit Rationing in Rural Ethiopia: The Importance of Zonal Variation**

Daniel Ayalew Ali and Klaus Deininger.  
*Journal of African Economies* 23(4): 493-527. 2014  
<http://dx.doi.org/10.1093/jae/eju008;ISSN=09638024>

### **Environmental and Gender Impacts of Land Tenure Regularization in Africa: Pilot Evidence from Rwanda**

Daniel Ayalew Ali, Klaus Deininger, and Markus Goldstein  
*Journal of Development Economics* 110: 262-275. 2014  
<http://dx.doi.org/10.1016/j.jdeveco.2013.12.009;ISSN=03043878>

### **Credit Constraints and Agricultural Productivity: Evidence from Rural Rwanda**

Daniel Ayalew Ali, Klaus Deininger, and Marguerite Duponchel  
*Journal of Development Studies* 50(5): 649-665, 2014.  
<http://dx.doi.org/10.1080/00220388.2014.887687>

### **The Price of Empowerment: Experimental Evidence on Land Titling in Tanzania**

Daniel Ayalew Ali, Matthew Collin, Klaus Deininger, Stefan Dercon, Justin Sandefur, and Andrew Zeitlin  
World Bank Policy Research Working Paper 6908, June 2014.  
<http://documents.worldbank.org/curated/en/2014/06/19616394/price-empowerment-experimental-evidence-land-titling-tanzania>

### **Is There A Farm-Size Productivity Relationship in African Agriculture? Evidence from Rwanda**

Daniel Ayalew Ali and Klaus Deininger  
World Bank Policy Research Working Paper 6770, January 2014.  
<http://documents.worldbank.org/curated/en/2014/02/18910978/farm-size-productivity-relationship-african-griculture-evidence-rwanda>

### **Identifying and Addressing Land Governance Constraints to Support Intensification and Land Market Operation: Evidence from 10 African Countries**

Klaus Deininger, Thea Hilhorst, and V. Songwe  
*Food Policy* 48: 76-87, 2014.  
<http://dx.doi.org/10.1016/j.foodpol.2014.03.003>

### **[Inheritance law reform, empowerment, and human capital accumulation: Second-generation effects from India](#)**

**Klaus Deininger**, S. Jin, H.K, Nagarajan, and S. Jin

World Bank Policy Research Working Paper 6770, November 2014.

**Moving off the farm: Institutional preconditions for agricultural productivity growth and non-agricultural development in China**

Klaus Deininger, Songqing Jin, Fang Xia, and Jikun Huang

*World Development* 59 (1): 505-520, 2014.

<http://dx.doi.org/10.1016/j.worlddev.2013.10.009>

**2013**

**Land Tenure Reform in Asia and Africa**

Edited by S. Holden, K. Otsuka, and K. Deininger

Palgrave, 2013.

<https://www.palgrave.com/us/book/9781137343802>

**Productivity Effects of Land Rental Market Operation in Ethiopia: Evidence from a Matched Tenant-Landlord Sample**

Klaus Deininger, Daniel Ayalew Ali, and Tekie Alemu

*Applied Economic* 45 (25-27): 3531-3551, 2013.

<http://www.tandfonline.com/doi/full/10.1080/00036846.2012.725933>

**How important are Endogenous Peer Effects in Group Lending? Estimating a Static Game of Incomplete Information**

Shanjun Li, Yanyan Liu, and Klaus Deininger

*Journal of Applied Econometrics* 28(4): 864-882, 2013.

<http://dx.doi.org/10.1002/jae.2276>

**Women's Inheritance Rights and Intergenerational Transmission of Resources in India**

Klaus Deininger, Aparajita Goyal, and Hari K. Nagarajan

*Journal of Human Resources* 48(1): 114-141, 2013.

<http://dx.doi.org/10.1353/jhr.2013.0005>

**Evaluating program impacts on mature self-help groups in India**

Klaus Deininger and Yanyan Liu

*World Bank Economic Review* 27(2): 272-296, 2013.

<https://doi.org/10.1093/wber/lhs028>

**Does Sharecropping Affect Long-term Investment? Evidence from West Bengal's Tenancy Reforms**

Deininger K., Jin S., Yadav V.

In *Land Tenure Reform in Asia and Africa*, edited by Holden S.T., Otsuka K., Deininger K. Palgrave Macmillan, London, 2013.

[https://link.springer.com/chapter/10.1057/9781137343819\\_3](https://link.springer.com/chapter/10.1057/9781137343819_3)

**Economic and Social Impacts of an Innovative Self-Help Group Model in India**

Klaus Deininger and Yanyan Liu

*World Development* 43(1) 2013: 149-63, 2013.

<https://doi.org/10.1016/j.worlddev.2012.09.019>

**Wage discrimination in India's informal labor markets: Exploring the impact of caste and gender**

Klaus Deininger, Songqing Jin, and Hari Nagarajan  
*Review of Development Economics* 17(1): 130-14, 2013.  
<http://dx.doi.org/10.1111/rode.12020>

**Global land investments in the bio-economy: evidence and policy implications**

Klaus Deininger  
*Agricultural Economics* 44(1): 115-127, 2013.  
<https://onlinelibrary.wiley.com/doi/full/10.1111/agec.12056>

**Growing resource scarcity and global farmland investment**

Derek Byerlee and Klaus Deininger  
*Annual Review of Resource Economics* 5(1): 13-34, 2013.  
<http://dx.doi.org/10.1146/annurev-resource-091912-151849>

**Using the Land Governance Assessment Framework to Help Secure Rural Land Rights: Framework and Experience Thus Far**

Klaus Deininger and Thea Hilhorst  
Chapter in *Land Tenure Reform in Asia and Africa*, 354-379. Springer, 2013.  
<https://www.palgrave.com/us/book/9781137343802>

**The global rush for land: Does it provide opportunities for African countries?**

Klaus Deininger  
Chapter in *The Industrial Policy Revolution II: Africa in the 21<sup>st</sup> Century*, edited J. Stiglitz, J. Y. Lin, E. Patel, 386-411. Palgrave MacMillan, 2013.  
<https://www.palgrave.com/us/book/9781137335227>

**The global land rush**

Klaus Deininger  
Chapter in *Food Security and its Implications for Global Stability*, edited by C. Barret. Oxford University Press, 2013.  
<https://global.oup.com/academic/product/food-security-and-sociopolitical-stability-9780199679362?cc=us&lang=en&#>

**2012**

**Going Digital: Credit Effects of Land Registry Computerization in India**

Klaus Deininger and Aparajita Goyal  
*Journal of Development Economics* 99(2, Nov.): 236-43, 2012.  
<http://www.sciencedirect.com/science/article/pii/S0304387812000181>

**Can Diaries Help in Improving Agricultural Production Statistics? Evidence from Uganda**

Klaus Deininger, Sara Savastano, and Calogero Carletto  
*Journal of Development Economics* 98(1): 42-50, 2012.  
[https://econpapers.repec.org/article/eedeveco/v\\_3a98\\_3ay\\_3a2012\\_3ai\\_3a1\\_3ap\\_3a42-50.htm](https://econpapers.repec.org/article/eedeveco/v_3a98_3ay_3a2012_3ai_3a1_3ap_3a42-50.htm)

**The rise of large farms in land abundant countries: Do they have a future?**

Klaus Deininger and D. Byerlee



*World Development* 40(4) 701-14, 2012.

<https://ideas.repec.org/a/eee/wdevel/v40y2012i4p701-714.html>

### **Land fragmentation, cropland abandonment, and land market operation in Albania**

Klaus Deininger, Sara Savastano, and Calogero Carletto

*World Development* 40(10) 2012: 2108-22.

<http://www.sciencedirect.com/science/article/pii/S0305750X12001209>

### **The global land rush**

Rabah Arezki, Klaus Deininger, and Harris Selod

*Finance and Development* 49(1) 2012: 46-9.

<http://www.imf.org/external/pubs/ft/fandd/2012/03/arezki.htm>

### **Causes and Implications of Credit Rationing in Rural Ethiopia: The Importance of Spatial Variation**

Daniel Ayalew Ali and Klaus Deininger

World Bank Policy Research Working Paper 6096, Washington, DC, 2012

<http://documents.worldbank.org/curated/en/489891468030837792/Causes-and-implications-of-credit-rationing-in-rural-Ethiopia-the-importance-of-spatial-variation>

## **2011**

### **The Land Governance Assessment Framework: Identifying and Monitoring Good Practice in the Land Sector**

Klaus Deininger, Harris Selod, and Anthony Burns

World Bank, Washington, DC, 2011.

<http://documents.worldbank.org/curated/en/862461468327558327/The-land-governance-assessment-framework-identifying-and-monitoring-good-practice-in-the-land-sector>

This book presents the land governance assessment framework tools and includes detailed pilot case studies on implementation in five selected countries: Peru, the Kyrgyz Republic, Ethiopia, Indonesia, and Tanzania. These case studies also show that the use of a consistent framework facilitates transfer of good practice across countries.

### **Property Rights in a Very Poor Country: Tenure Insecurity and Investment in Ethiopia**

Daniel Ayalew Ali, S. Dercon, and M. Gautam.

*Agricultural Economics* 42(1): 75-86, 2011.

<https://doi.org/10.1111/j.1574-0862.2010.00482.x>

### **Impacts of Land Certification on Tenure Security: Investment, and Land Market Participation: Evidence from Ethiopia**

Klaus Deininger, Daniel Ayalew Ali, and Tekie Alemu

*Land Economics* 87(2): 312-334, 2011.

<https://www.jstor.org/stable/41307216>

### **Environmental and Gender Impacts of Land Tenure Regularization in Africa : Pilot Evidence from Rwanda**

Daniel Ayalew Ali, Klaus Deininger, and Markus Goldstein

World Bank Policy Research Working Paper 5765, 2011.

<http://documents.worldbank.org/curated/en/682321468336670055/Environmental-and-gender-impacts-of-land-tenure-regularization-in-Africa-pilot-evidence-from-Rwanda>

**Productivity Effects of Land Rental Markets in Ethiopia : Evidence from a Matched Tenant-Landlord Sample**

Klaus Deininger, Daniel Ayalew Ali, and Tekie Alemu

World Bank, Policy Research Working Paper 5727, 2011.

<http://documents.worldbank.org/curated/en/731901468032365667/Productivity-effects-of-land-rental-markets-in-Ethiopia-Evidence-from-a-matched-tenant-landlord-sample>

**La “course aux terres”: theorie et determinants empiriques des acquisitions transfrontalieres de terres agricoles**

Klaus Deininger, Rabah Arezki, and Harris Selod

*Economie et Statistique* 444/445: 223-239, 2011.

<https://ideas.repec.org/p/hal/journal/hal-00813109.html>

**Rising Global Interest in Farmland: Can it Yield Sustainable and Equitable Benefits?**

Klaus Deininger, Derek Byerlee, Jonathan Lindsay, Andrew Norton, Harris Selod, and Mercedes Stickler  
Agriculture and Rural Development. Washington, DC: World Bank, 2011.

<http://documents.worldbank.org/curated/en/998581468184149953/Rising-global-interest-in-farmland-can-it-lead-sustainable-and-equitable-benefits>

**Securing Land Rights for Smallholder Farmers**

Klaus Deininger

Chapter in *New Directions for Smallholder Agriculture*, edited by Peter B. R. Hazell and Atiqur Rahman.  
Oxford University Press, 2011.

<https://global.oup.com/academic/product/new-directions-for-smallholder-agriculture-9780199689354?cc=us&lang=en&>