

CURRICULUM VITAE

— DR. DANIEL MÜLLER —

AGRICULTURAL ECONOMIST

CURRENT AFFILIATIONS

Research Associate and Deputy Head
Department of Structural Development of Farms and Rural Areas
Leibniz Institute of Agricultural Development
in Central and Eastern Europe (IAMO)

Visiting Scholar
Geomatics Lab, Geography Department
Humboldt-Universität zu Berlin

Honorary Fellow
Department of Forest and Wildlife Ecology
University of Wisconsin-Madison

CONTACT DETAILS

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Germany

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www: www.hu-berlin.de/~muelleda/index.htm

MAJOR RESEARCH INTERESTS

- ▷ Development and natural resource economics
- ▷ Patterns and processes of land cover and land use change
- ▷ Assessment of payment programs for ecosystem services
- ▷ Spatial statistical analysis and spatial data mining

EDUCATION

07/03 – 12/06 Postdoctoral research at Humboldt-Universität zu Berlin

04/05 – 05/05 Ohio State University, Department of Geography: Visiting scholar

02/05 – 04/05 Purdue University, Department of Forestry and Natural Resources:
Visiting scholar

02/00 – 05/03 Doctoral dissertation in agricultural economics at Georg-August
University of Göttingen in a project of the German Agency for

Technical Cooperation (GTZ), funded by the German Federal Ministry for Economic Cooperation and Development (BMZ)

Thesis title: “*Land-use Change in the Central Highlands of Vietnam: A spatial econometric model combining satellite imagery and village survey data*”

Supervisor: Prof. Dr. M. Zeller

- 10/02 – 11/02 Participation in the *European Advanced Study Course on Modeling Land Use Change (MODLUC)*
- 11/94 – 07/99 M.Sc. (and *Diplom*) from the Humboldt-Universität zu Berlin in agricultural economics; thesis “*Crop Residue Management as an Erosion Control Strategy: An Optimal Control Approach*”, supervisors: Prof. Dr. H. v. Witzke and Dr. G. Schamel
- 10/91 – 09/93 *Vordiplom* (undergraduate studies) in Agricultural Sciences at the Technical Universität zu Berlin
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REFEREED PUBLICATIONS

- ▷ Lakes, T., **Müller, D.**, Krüger, C. (forthcoming) Cropland change in Southern Romania - a comparison of logistic regressions and artificial neural networks. *Landscape Ecology*.
- ▷ Sikor, T., **Müller, D.** (2009). The limits of state-led land reform: An introduction. *World Development* 37(8): 1307-1316.
- ▷ Sikor, T., **Müller, D.**, Stahl J. (2009). Land fragmentation and cropland abandonment in Albania: Implications for the roles of state and community in postsocialist land consolidation. *World Development* 37(8): 1411-1423.
- ▷ **Müller, D.**, Kuemmerle, T., Rusu, M., Griffiths, P. (2009). Lost in transition: Determinants of cropland abandonment in postsocialist Romania. *Journal of Land Use Science* 4(1): 109-129.

- ▷ Kuemmerle, T., **Müller, D.**, Griffiths, P., Rusu, M. (2009). Land use change in Southern Romania after the collapse of socialism. *Regional Environmental Change* 9(1): 1-12.
- ▷ **Müller, D.**, Mburu, J. (2009). Forecasting hotspots of forest clearing in Kakamega Forest, Western Kenya. *Forest Ecology and Management* 257(3): 968-977.
- ▷ Sunderlin, W.D., Dewi, S., **Müller, D.**, Angelsen, A., Puntodewo, A., Epprecht, M. (2008). Why forests are important for global poverty alleviation: A spatial explanation. *Ecology and Society* 13(2): 24. [online] URL: <http://www.ecologyandsociety.org/vol13/iss2/art24/>.
- ▷ **Müller, D.**, Munroe, D.K. (2008). Changing rural landscapes in Albania: Cropland abandonment and forest clearing in the postsocialist transition. *Annals of the Association of American Geographers* 98(4): 855-876.
- ▷ Epprecht, M., Heinemann A., Minot, N., **Müller, D.**, Robinson, T. (2007). From statistical data to spatial knowledge – Informing decision making in Vietnam. *Information Development* 23(2-3): 193-204.
- ▷ Munroe, D.K., **Müller, D.** (2007). Issues in multi-scale, spatial evaluation of statistical LUCC models: Examples from western Honduras and the Central Highlands of Vietnam. *Land Use Policy* 24(3): 521-530.
- ▷ **Müller, D.** Sikor, T. (2006). Effects of postsocialist reforms on land cover and land use in South-eastern Albania. *Applied Geography* 26(3-4): 175-191.
- ▷ Pijanowski, B.C., Alexandridis, K.T., **Müller, D.** (2006). Modeling urbanization patterns in two diverse regions of the world. *Journal of Land Use Science* 1(2-4): 83-108.
- ▷ **Müller, D.**, Munroe, D.K. (2005). Tradeoffs between rural development policies and forest protection: Spatially-explicit modeling in the Central Highlands of Vietnam. *Land Economics* 81(3): 412-425.
- ▷ **Müller, D.** (2005). Stata in Space: Econometric analysis of spatially explicit raster data. *Stata Journal* 5(2): 224-238.

- ▷ **Müller, D.**, Zeller, M. (2002). Land-use dynamics in the Central Highlands of Vietnam: A spatial model combining village survey data and satellite imagery interpretation. *Agricultural Economics* 27(3): 333-354.
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BOOKS AND BOOK CHAPTERS

- ▷ Taff, G.N., **Müller, D.**, Kuemmerle, T., Ozdeneral, E., Walsh, S.J. (in press) Reforestation in Central and Eastern Europe after the breakdown of socialism. In: Nagendra, H., Southworth, J., *Reforesting Landscapes: Linking Pattern and Process*. New York: Springer.
- ▷ **Müller, D.**, Munroe, D.K. (2009) Simulating the Effects of Rural Development Policies on Land Use: Evidence from Spatially Explicit Modeling in the Central Highlands of Vietnam. In: Pilz, J., *Interfacing Geostatistics and GIS*. Berlin: Springer; pp. 91-104.
- ▷ **Müller, D.**, Kuemmerle, T. (2009). Causes of Cropland Abandonment during the Post-socialist Transition in Southern Romania. In: Groisman, P.Y., Ivanov, S.V., *Regional aspects of climate-terrestrial-hydrologic interactions in non-boreal Eastern Europe*. NATO Science Series. New York: Springer; pp. 205-214.
- ▷ Babigumira, R., **Müller, D.**, Angelsen, A. (2008) An integrated approach to studying land use change: A case study of deforestation in Western Uganda, 1990-2000. In: Aspinall, R.J., Hill, M.J., *Land Use Change: Science, policy and management*. Boca Raton: CRC Press; pp. 63-79.
- ▷ **Müller, D.** (2005). Entries for the land use and land cover encyclopedia “The Earth’s Changing Land”: *Hot-spot identification (with Munroe, D.K.), aerial photography, cash crops, food crops, georeferencing, subsistence agriculture*.
- ▷ **Müller, D.** (2004). *From agricultural expansion to intensification: Rural development and determinants of land-use change in the Central Highlands of Vietnam*. Eschborn: Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ).

- ▷ **Müller, D.**, Zeller, M. (2004). *Agricultural intensification, population growth and forest-cover change: Evidence from spatially explicit land-use modeling in the Central Highlands of Vietnam*. In: Gerold, G., Fremerey, M., Guhardja, E. *Land Use, Nature Conservation and the Stability of Rainforest Margins in Southeast Asia*. Berlin: Springer; pp. 495-520.
- ▷ **Müller, D.** (2003). *Land-use change in the Central Highlands of Vietnam: A spatial econometric model combining satellite imagery and village survey data*. Doctoral dissertation, Georg-August-Universität Göttingen, Zugang: webdoc.sub.gwdg.de/diss/2003/mueller/.

OTHER PUBLICATIONS (SELECTION)

- ▷ Hostert, P., Kuemmerle, T., Radeloff, V., **Müller, D.** (2008). Post Socialist Land-Use and Land-Cover Change in the Carpathian Mountains. IHDP Update 2. 70-73. http://www.ihdp.unu.edu/article/IHDP_Update?menu=23
- ▷ Hostert, P., Kuemmerle, T. **Müller, D.**, Lakes T. (2008). Post-socialist land-use and land-cover change in the Carpathians. GLP News No. 3. <http://www.globallandproject.org/newsletter.shtml>
- ▷ **Müller, D.** (2008). *Der Einfluss der postsozialistischen Transformation auf die Landnutzung in Albanien*. IAMO 2008. Leibniz-Institut für Agrarentwicklung in Mittel- und Osteuropa. Halle (Saale).
- ▷ **Müller, D.**, Epprecht, M., Sunderlin, W.D. (2006). *Where are the Poor and where are the Trees? Targeting of poverty reduction and forest conservation in Vietnam*. CIFOR Working Paper No. 34, Center for International Forestry Research (CIFOR), Bogor, Indonesia.
- ▷ Sikor, T., **Müller, D.** (2004). *Wie wirken sich postsozialistische Bodenreformen auf die Landnutzung aus? Eine komparative Analyse in Südosteuropa und Vietnam*. Humboldt Spektrum 2004/1.
- ▷ **Müller, D.**, Epprecht, M. (2004). *Where are the Poor - and Where are the Trees? Empirical Evidence from Rural Vietnam*. Background paper for the

Internationale Seminar ‘Mapping Poverty in Southeast Asia’, Jakarta, Indonesien.

- ▷ **Müller, D.**, Zeller, M. (2003). *Simulating the effects of rural development policies on land use: Evidence from spatially explicit modeling in the Central Highlands of Vietnam*. Background paper for poster presented at the 25th IAAE Conference, Durban.
- ▷ **Müller, D.**, Wode, B. (2002). *Manual on Participatory Village Mapping using Photomaps*. Consultant report for the Social Forestry Development Project (SFDP) Song Da – GTZ/GFA.
- ▷ **Müller, D.** (2002) *Agricultural expansion versus intensification: Evidence from land use modeling in the Central Highlands of Vietnam*. Pacific News 19: 8-10.
- ▷ **Müller, D.** (2002) *Land Use Dynamics in the Central Highlands of Vietnam: Evidence from Lak and Krong Bong Districts, Dak Lak province*. Dak Lak Forestry Review, Buon Ma Thuot, Vietnam (in Vietnamese).
- ▷ **Müller, D.**, Schamel, G. (2000). *Crop residue management as an erosion control strategy: An optimal control approach*. Background paper for poster presented at the 24th IAAE Conference, Berlin.

PROJECTS

1. Ongoing

- ▷ *Land use change, protected areas, and biodiversity in the Caucasus and Ural Mountains*: NASA Land Cover and Land Use Change Program, 2009-2011. Mit University of Wisconsin (Madison), Boston University, Humboldt-Universität zu Berlin. PI: Volker Radeloff.
- ▷ *Impacts of expanding biomass production on economy, climate, and biodiversity of the earth*: Pakt für Innovation und Forschung des Bundes und der Länder, 2009-2011: €95,392. With Potsdam-Institute for Climate

Impact Research (PIK), Leibniz-Institute für Agricultural Technology, Leibniz-Institute für Gemüse- und Zierpflanzenbau. PI: Wolfgang Lucht.

- ▷ *Economic Dynamics and Social Equilibrium in Rural China*: Pakt für Innovation und Forschung des Bundes und der Länder, 2008-2010: €665.760, IAMO. PI: Thomas Glauben.

2. Completed

- ▷ *Postsocialist Land Relations*: German Research Foundation (Emmy Noether-Program), 2003-2006: €950,000. Humboldt-Universität zu Berlin. PI: Thomas Sikor.
- ▷ *Development of an Information System to Assess Land Use Change in Upland Watersheds - Case Study for Vietnam*: Tropical Ecology Support Program, Ministry for Economic Cooperation and Development (BMZ), German Agency for Technical Cooperation (GTZ), Georg-August-Universität Göttingen. 2000-2003: €92,585. PI: Daniel Müller.

PROFESSIONAL REVIEW ACTIVITIES

Agrarwirtschaft; Agricultural Economics; Agricultural Systems; Agriculture, Ecosystems & Environment; Canadian Journal of Agricultural Economics; Danish Journal of Geography (Geografisk Tidsskrift); Ecological Economics; Ecological Research; Environment and Development Economics; Environmental Conservation; Environmental Management; Environmental Monitoring & Assessment; Forest Policy & Economics; GEWISOLA; Land Use Policy; Landscape Ecology; Mountain Research and Development; National Science Foundation (NSF); Sensors; Singapore Journal of Tropical Geography; Society and Natural Resources; Yearbook of Socioeconomics in Agriculture.

INVITED TALKS AND GUEST LECTURES

- ▷ **Müller, D.** (2009). Land change science and the integration of socioeconomic data with spatially explicit data. Kick-off Workshop „Marktbasierte Instrumente für Ökosystemleistungen“. Berlin-Brandenburgische Akademie der Wissenschaften, Berlin.
- ▷ **Müller, D.** (2009). The Forest-Poverty Nexus in Rural Vietnam: A Spatial Explanation. Lecture Series „Challenges of Sustainable Resource Use in Asian Economies“. Humboldt-Universität zu Berlin.
- ▷ **Müller, D.** (2009). The Transition as a Natural Experiment: How broad-scale transformation affects local land use change. Keynote speech, IAMO Forum 2009. Halle (Saale).
- ▷ **Müller, D.** (2009). Modeling the effects of payments for ecosystem service on human well-being and land use in upland Yunnan. Presentation to NSF IGERT China Program, University of Wisconsin, Madison.
- ▷ **Müller, D.** (2009). Mixing analytical approaches improves the understanding of postsocialist land use change. Guest lecture at the Department of Forestry and Natural Resources, University of Purdue.
- ▷ **Müller, D.** (2008). Drivers of land change in the Carpathians. Presentation at the ESF Exploratory Workshop - Europe's Green Backbone: Post-socialist land use change in the Carpathian Region (EuCaRe). Humboldt-Universität zu Berlin. <http://www2.hu-berlin.de/hu-geomatics/projects/ESF.php>
- ▷ **Müller, D.**, Kuemmerle, T. (2008). Cropland abandonment during the post-socialist transition in Southern Romania. NATO Advanced Research Workshop “Regional aspects of climate-terrestrial-hydrologic interactions in Eastern Europe” (NEESPI Regional Non-boreal Europe Meeting). Odessa. <http://neespi.org>
- ▷ Sikor, T. and **Müller, D.** (2007) Challenges to understanding postsocialist

land use changes. GLP-workshop: Globalisation, impact on regional and local land-use decisions and practices. University of Copenhagen.

- ▷ **Müller, D.** (2007). Changing Rural Landscapes in Albania: Agricultural Abandonment and Forest Degradation in the Transition. IAMO Seminar, Halle.
- ▷ **Müller, D.** (2006). Lost in Transition? Changing Rural Landscapes in Albania. Symposium on Farmers' Decisions, Land Use and Environmental Impact, Institut für Geographie, Universität Zürich.
- ▷ **Müller, D.** (2006). Forest, Poverty, and Population: The linkages in Vietnam. Vorstellungsvortrag im Rahmen des Berufungsverfahrens zur Besetzung der W3-Professur "Ökonomik der Landnutzung in den Tropen und Subtropen", Fakultät Agrarwissenschaften, Universität Hohenheim.
- ▷ **Müller, D.** (2005). *Spatial determinants and linkages between poverty measures and inequality with an empirical application for Vietnam*. Annual Conference of The Norwegian Association for Development Research (NFU) 2005, Norwegian University of Life Sciences, Ås.
- ▷ ***Müller, D.** (2005). Land Use in the EU: Policies and Processes. Guest lecture at the Institute of Geography, The Ohio State University. 15 April 2005, Columbus (OH).
- ▷ ***Müller, D.** (2004). *Land-cover and land-use change: Theoretical background and empirical evidence from Albania*. Guest lecture at the Agricultural University Tirana.
- ▷ **Müller, D.** (2004). *Where are the Poor - and Where are the Trees? Empirical Evidence from Rural Vietnam*. International Seminar 'Mapping Poverty in Southeast Asia', Jakarta, Indonesien.
- ▷ ***Müller, D.** (2003). Land-use change in the Central Highlands of Vietnam: Theoretical background, methodology and an empirical example. Guest lecture at the Institute of Geography, University of Copenhagen.
- ▷ **Müller, D.** (2003). Simulating the effects of rural development policies on land use: A spatially explicit econometric model with empirical evidence from

the Central Highlands of Vietnam. Seminar am Institut für Geographie, Universität Kopenhagen.

CONFERENCE AND WORKSHOP PRESENTATIONS

(Selection since 2003, * presenter)

- ▷ ***Müller, D.**, Sikor, T. (2009). Variations in underlying causes spur diverging land change trajectories in Albania and Romania. IHDP Open Meeting 2009. 26-30 April 2009, Bonn, Germany.
- ▷ Lakes, T., ***Müller, D.** (2009). Predicting hotspots of urban growth based on population projections for the greater Tirana area, Albania. IHDP Open Meeting 2009. 26-30 April 2009, Bonn, Germany.
- ▷ ***Kuemmerle, T.**, Kozak, J., **Müller, D.**, Radeloff, V., Hostert, P. (2009). Post-socialist land use change, land ownership patterns, and land reforms in the Carpathian. IHDP Open Meeting 2009. 26-30 April 2009, Bonn, Germany.
- ▷ ***Müller, D.**, Sikor, T. (2009). How socialist legacies and postsocialist reform policies shaped land use in Albania and Romania. 2009 US-IALE Symposium. 12-16 April 2009, Snowbird, Utah.
- ▷ Sun, Z., ***Müller, D.** (2009). A hybrid agent-based model to assess the economic and ecological outcomes of payments for ecosystem services in Yunnan, China. 2009 US-IALE Symposium. 12-16 April 2009, Snowbird, Utah.
- ▷ ***Müller, D.** (2009). Socialist legacies and postsocialist reform policies shape land use in Albania and Romania. Seminar at the University of Wisconsin-Madison, 8 April 2009, Madison (WI).
- ▷ Sun, Z., Frayer, J., ***Müller, D.** (2009). A hybrid agent-based model to assess the economic and ecological outcomes of payment for ecosystem services in Yunnan, China. Seminar at the NSF-IGERT Graduate School, University of Wisconsin-Madison, 6 April 2009, Madison (WI).
- ▷ ***Taff, G.N.**, **Müller, D.**, Kuemmerle, T., Ozdeneral, E., Walsh, S.J. (2009). Reforestation in Central and Eastern Europe after the breakdown of socialism. Annual

Meeting of the Association of American Geographers (AAG), 22-27 March 2009, Las Vegas (NV).

- ▷ ***Müller, D.**, Lakes, T. (2008). Integrated modeling of cropland change in Romania: From retrospective causal analysis to future developments. International Congress on Environmental Modelling and Software. 7-10 Juli 2008, Barcelona. <http://www.iemss.org/iemss2008/>
- ▷ *Kuemmerle, T., **Müller, D.**, Kozak, J., Knorn, J., and Hostert, P. (2008). High-resolution earth observation for monitoring post-socialist land use change in the Carpathian Ecoregion. Impact Assessment of Land Use Changes, 6-9 April 2008, Humboldt-Universität zu Berlin.
- ▷ *Lakes, T., **Müller, D.**, Kuemmerle, T., Hostert, P. (2008). Multifunctional land-use change in post-socialist Eastern Europe - mapping and modeling on a regional scale. Impact Assessment of Land Use Changes. 6-9 April 2008, Humboldt-Universität zu Berlin (Poster presentation).
- ▷ ***Müller, D.**, Lakes, T. (2008). Linking models to explain and predict cropland abandonment in postsocialist Eastern Europe. Impact Assessment of Land Use Changes, 6-9 April 2008, Humboldt-Universität zu Berlin (Poster presentation).
- ▷ *Lakes, T., Kuemmerle, T., **Müller, D.**, Hostert, P. (2008). Mapping and modeling land-use change in post-socialist Eastern Europe for sustainable policy making. Conference on the Human Dimensions of Global Environmental Change - Long-Term Policies: Governing Social-Ecological Change. 22-23 February 2008, Freie Universität Berlin.
- ▷ *Kuemmerle, T., Knorn, J., Main, M., **Müller, D.**, van der Linden, S., Hostert, P. (2008). Mapping post-socialist farmland abandonment and forest cover change in the Carpathian ecoregion. 2nd EURAC Workshop. 13-14 March 2008, Bozen.
- ▷ *Lakes, T., **Müller, D.**, Kuemmerle, T., Hostert, P. (2007) Exploratory statistics and neural networks to model postsocialist cropland abandonment in Romania. 3rd Land system science (LaSyS) Workshop: Handling complex series of natural and socioeconomic processes. 25-26 October 2007, Tune, Denmark (Poster presentation).
- ▷ *Kuemmerle, T., Hostert, P., Lakes, T., **Müller, D.** (2007). Transboundary assessments of post-socialist land use change in the Carpathians. 3rd Land system

science (LaSyS) Workshop: Handling complex series of natural and socioeconomic processes. 25-26 October 2007, Tune, Denmark (Poster presentation).

- ▷ ***Müller, D.**, Kuemmerle, T., Griffiths, P. (2007). Drivers of postsocialist cropland abandonment in Romania. Conference on the Science and Education of Land Use: A transatlantic, multidisciplinary and comparative approach (TALUC). 24-26 September 2007, Washington, D.C.
- ▷ ***Sunderlin, W.**, Dewi, S., Puntodewo, A., **Müller, D.**, Angelsen, A., Epprecht, M. (2007). Why Forests Are Important for Global Poverty Alleviation: A Spatial Explanation. International Conference on Poverty Reduction and Forests: Tenure, Market and Policy Reforms. 3-7 September 2007, Bangkok.
- ▷ ***Müller, D.**, Kuemmerle, T., Griffiths, P., Hostert, P. (2007). Postsocialist land cover dynamics in Romania. Framing Land Use Dynamics 2 Conference. 18-20 April, Utrecht.
- ▷ ***Müller, D.** (2007). Degradation of Kakamega Forest: Driving factors and future predictions. BIOTA E13 final workshop. 17 April 2007, Kakamega, Western Kenya.
- ▷ ***Sikor, T.**, **Müller, D.**, Stahl, J. (2005). Does land fragmentation constrain agricultural development in Central and Eastern Europe? Workshop on Land reform, land tenure, and land use: Assessing the Linkages. 25-27 May 2007, Berlin.
- ▷ ***Müller, D.** (2005). From full collectivization to per capita distribution: Effects of the postsocialist land reform on the spatial distribution of land cover in Albania. Open Meeting of the Human Dimensions of Global Environmental Change Research Community. 9-13 October, Bonn.
- ▷ ***Pijanowski, B.** **Müller, D.** (2005). Assessing the performance of a neural net based model of land use change in areas differing in entropy of change. Open Meeting of the Human Dimensions of Global Environmental Change Research Community. 9-13 October, Bonn.
- ▷ ***Babigumira, R.**, **Müller, D.**, Angelsen, A. (2005). Drivers of land use change. Deforestation in Uganda. Open Meeting of the Human Dimensions of Global Environmental Change Research Community. 9-13 October, Bonn.
- ▷ ***Sikor, T.**, Dorondel, S., **Müller, D.**, Stahl, J. (2005). The Fate of the Postsocialist Forest: Privatization and Forest Cover Changes in Albania and Romania. Open

Meeting of the Human Dimensions of Global Environmental Change Research Community. 9-13 October, Bonn.

- ▷ ***Müller, D.** (2005). *Linkages between forest quality, poverty incidence, and population density in rural Vietnam*. Center for Urban and Regional Analysis (CURA) Round Table at the Institute of Geography The Ohio State University. 17 April 2005, Columbus, OH.
- ▷ ***Müller, D.** (2005). *Spatial determinants of land-cover changes in Postsocialist Albania*. Jährliche Conference der Association of American Geographers (AAG). 5-9 April, Denver, CO.
- ▷ ***Müller, D.** (2005). *What determines land cover in postsocialist Albania? A spatially explicit approach*. Seminar an der University of Wisconsin. 9 March 2005, Madison (WI).
- ▷ ***Müller, D.** (2005). *Determinants of spatial patterns of land cover in postsocialist Albania*. Brown-bag Seminar an der University of Illinois. 5 March 2005, Urbana-Champaign (IL).
- ▷ **Müller, D., *Munroe, D.K.** (2004). *Tradeoffs between rural development policies and forest protection: Spatially-explicit modeling in the Central Highlands of Vietnam*. Annual Meeting of American Agricultural Economics Association (AAEA), 1-4 August 2004, Denver (CO).
- ▷ ***Müller, D.** (2004). *Land-use and land-cover change in Postsocialist Albania*. IHDP/IGBP Focus 3 Workshop on „Integrated Assessment of the Land System: The Future of Land Use”, 28-30 October, Amsterdam.
- ▷ ***Munroe, D.K., Müller, D.** (2004). *Best Practice Suggestions for Econometric Analysis in Land Use/Cover Change: Issues and Examples*. Land Use/Cover Change. IHDP/IGBP Focus 3 Workshop on „Integrated Assessment of the Land System: The Future of Land Use”, 28-30 October, Amsterdam.
- ▷ ***Müller, D.** (2003). *Simulating the effects of rural development policies on land use: A spatially explicit econometric model with empirical evidence from the Central Highlands of Vietnam*. International StatGIS 2003 Conference: Interfacing (Geo-)Statistics, GIS and Spatial Data Bases. Pörschach.

- ▷ *Pham, M.C., Zeller, M. Birner, R., **Müller, D.** (2003). *Improvement of access to available agricultural technologies: did it cause land-use changes and poverty reduction in the North-western upland of Vietnam?* Conference on International Agricultural Research for Development, 8-10 October 2003, Göttingen.
- ▷ *Epprecht, M., ***Müller, D.** (2003). GIS and Spatial Analytical Techniques for Agricultural Economists I – Linking poverty and the landscape: Using GIS to explore the relationship between poverty and the local environment. Computer session auf der 25th IAAE Conference. 16-22 August, 2003, Durban.
- ▷ *Munroe, D.K., ***Müller, D.** (2003). GIS and Spatial Analytical Techniques for Agricultural Economists II – Linking the household to the landscape: Using GIS to develop spatially explicit econometric analyses. Computer session at the 25th IAAE Conference. 16-22 August, 2003, Durban.
- ▷ ***Müller, D.**, Zeller, M.(2003). Simulating the effects of rural development policies on land use: Evidence from spatially explicit modeling in the Central Highlands of Vietnam. 25th IAAE Conference. 16-22 August, 2003, Durban (poster presentation).
- ▷ ***Müller, D.** (2003). Stata in Space: An example for the econometric analysis of spatially explicit raster data. 1st German Stata User Group Meeting, Berlin.

EMPLOYMENT RECORD

- 06/07 – present Senior research fellow at the Leibniz Institute of Agricultural Development in Central and Eastern Europe (IAMO)
- 01/07 – present Visiting scientist at the Department of Geomatics, Humboldt-Universität zu Berlin
- 01/07 – 05/07 Research scientist in BIOTA-East Project at the Department of Economic and Technological Change (ZEF B), Center for Development Research, University of Bonn
- 07/03 – 12/06 Postdoctoral Research Fellow in the *Junior Research Group on Post-socialist Land Relations*, affiliated with the Institute for Agricultural Economics and Social Sciences of the Humboldt-Universität zu Berlin

- 01/03 – 03/03 Lectures (in English) in *Economics of Agricultural Production in Developing Countries* for the M.Sc. Program “Tropical and International Agriculture” at Georg-August University of Göttingen
- 02/00 – 05/03 Doctoral research fellow for a GTZ-project in Vietnam
- 10/99 – 12/99 Internship in the GTZ headquarters with duties in project planning and the formulation of GTZ-project proposals for the Global Environment Facility (GEF)
- 06/99 – 07/99 Teaching assistant (in English) for the module *Environmental and Resource Economics: Theory and Policy* of the M.Sc. Program “International Agricultural Sciences” at the Humboldt-Universität zu Berlin
- 02/99 – 06/99 Internship for GTZ in Mauritania at the Ministry of Rural Development and Environment in a policy-advising project
- 12/98 – 01/99 Teaching Assistant (in English) for the module *Microeconomics in International Agriculture* of the M.Sc. Program “International Agricultural Sciences” at the Humboldt-Universität zu Berlin
- 12/97 – 01/98 Teaching Assistant (in English) for the module *Microeconomics in International Agriculture* of the M.Sc. Program “International Agricultural Sciences” at the Humboldt-Universität zu Berlin
- 10/97 – 10/98 Assistant in teaching and research for the Department of Development Planning and Project Management at the Humboldt-Universität zu Berlin
- 10/95 – 10/98 Research assistant at the Department of Agricultural Policy in a project funded by the German Research Cooperation (DFG) about the empirical determination of the effects that socio-economic and agricultural policy conditions might have on soil erosion in developing countries
- 05/94 – 10/94 Practical training and work experience on a 110 ha farm near Kiel, Germany
- 09/93 – 05/94 Practical experience in several research projects at the Agricultural, Faculty of the Universidad Mayor de San Simon, Cochabamba, Bolivia

WORK EXPERIENCE ABROAD

- 08/05 – 10/05 Land-cover mapping and socioeconomic commune survey in Romania
- 06/04 – 10/04 Land-cover mapping and socioeconomic village survey in Albania
- 03/00 – 08/02 Land-cover mapping and socioeconomic commune survey in Vietnam
- 02/99 – 05/99 Internship in GTZ project, Mauritania
- 02/98 – 04/98 Organization of a study project in Mexico, on the subject of “200 years A. v. Humboldt: The Situation of Mexican Agriculture in these Times and Today”
- 05/97 Study tour to Turkey as part of the seminar “Applied Project Planning”
- 02/96 – 04/96 Study project at the International Livestock Research Institute (ILRI) in Addis Ababa, Ethiopia, on “Market-Orientated Small Scale Dairy Farming”
- 09/93 – 05/94 Practical experiences, Universidad Mayor de San Simon in Cochabamba, Bolivia

LANGUAGE SKILLS

German	native
English	fluent
Spanish	good
French	fair
Vietnamese	fair

Berlin, 29 June 2009