

CURRICULUM VITAE

Stefanie Engel (née Kirchhoff)¹

Alexander-von-Humboldt Professor of Environmental Economics, Institute for Environmental Systems Research, University of Osnabrueck, Email: stefanie.engel@uni-osnabrueck.de

CITIZENSHIP: German

DATE OF BIRTH: June 18, 1968

EDUCATION

Habilitation (Post-doctoral degree) 7/2005
Venia legendi in Resource Economics and Development Economics, Faculty of Agriculture, University of Bonn, Germany.

Ph.D. in Agricultural and Resource Economics 3/1999
University of Maryland, College Park, MD. Cumulative GPA: 4.0²

M.S. degree in Agricultural and Resource Economics
5/1994
University of Arizona, Tucson, AZ. Cumulative GPA: 4.0²

PROFESSIONAL EXPERIENCE

Alexander-von-Humboldt Professor of Environmental Economics since 10/2014
University of Osnabrueck, Institute for Environmental Systems Research

Full Professor of Environmental Policy and Economics 8/2013-3/2015
ETH Zürich, Institute for Environmental Decisions, Department of Environmental Systems Science
(from 10/2014 onwards employment is reduced to 10%)

Associate Professor of Environmental Policy and Economics 4/2006-7/2013
ETH Zürich, Institute for Environmental Decisions, Department of Environmental Systems Science (formerly Department of Environmental Sciences)

Senior Researcher/Lecturer 1/2000-3/2006
University of Bonn, Center for Development Research, Germany
From April 2001: **Junior Research Group Leader** (equivalent to third-party funded Assistant Professorship)

Researcher/Lecturer 1/1999-12/1999
Universidad de Los Andes, Economics Faculty, Santafé de Bogotá, Colombia.

Researcher 1-12/1998
Fedesarrollo, Economic Research Institute, Santafé de Bogotá, Colombia.

Research Assistant 9/1990-1/1991
Helmut Kaiser Environmental Consultancy, Tuebingen, Germany.

¹ Name change due to marriage in February 2002.

² Best attainable grade.

LANGUAGES

Fluent in English, Spanish, German. Basic knowledge of French.

ACADEMIC SERVICES

Member of ETH Research for Development (R4D) Committee (since 2014)

Member of various Hiring Committees for new professorships (Climate Economics, University Bern; Human-Environment Systems, ETH; Agricultural Economics, ETH; Development Economics, ETH; Water Governance, ETH/Eawag; Sociology, ETH)

Member World Food Systems Center, ETH Zurich (since 2013)

Member of Advisory Board for TdLab (Transdisciplinary Lab), Department of Environmental Systems Science, ETH Zurich (since 2013)

Co-organizer of PhD seminar with Center for Energy Policy and Economics (D-MTEC, ETH Zurich) (since 2013)

Member of the Resources Commission, Department of Environmental Systems Science, ETH Zurich (since 2012)

Member of the Departmental Committee (Ausschuss), Department of Environmental Systems Science, ETH Zurich (since 2012)

Member of Centre for Energy Policy and Economics, ETH Zurich (since 2007)

Member of the ETH Investment Commission (2011-2012)

Member of the Strategic Planning Committee, Department of Environmental Systems Science, ETH Zurich (since 2009)

Vice President of the North-South Center, ETH Zurich (2009-2012)

Teaching Commission, Department of Environmental Systems Science, ETH Zurich (2006-2011)

Member of Steering Committee North-South Center, ETH Zurich (2007-2009)

Responsible for the major in 'Human-Environment Systems' within the Bachelor program in Environmental Sciences at ETH Zurich

Organization of joint lunch seminar series "Energy, environmental and resource economics" (with ETH/MTEC colleagues) (since 2006)

Reviewer for articles submitted to *Journal of Environmental Economics and Management*, *Environment and Development Economics*, *Environmental and Resource Economics*, *Ecological Economics*, *Land Economics*, *European Review of Agricultural Economics*, *Forest Policy and Economics*, *American Journal of Agricultural Economics*, *Quarterly Journal of International Agriculture*, *Environmental Modelling & Assessment*, *Nutrient Cycling in Agroecosystems*, *European Journal of Forest Research*, *Swiss Forestry Journal*, *Ecosystem Services*, *Environment and Planning C*, and more, and for the International Food Policy Research Institute (IFPRI), the World Bank, and a variety of professional conferences.

Reviewer for the World Bank's Knowledge for Change Program

Reviewer for grant proposals at Volkswagen Foundation, Swiss National Science Foundation, DAAD, Robert Bosch Foundation, WOTRO Netherlands, and for awards given by KfW, Society in Science/ The Branco Weiss Fellowship, World Food Systems Center (ETH)

Reviewer for numerous habilitation and professional promotion committees (Germany, UK, India)

HONORS/ ADVISORY BOARDS/ EDITORIAL SERVICE

Awardee of an Alexander-von-Humboldt Professorship 2014

Ranked 17th globally most influential author in environmental and ecological economics and 2nd and 8th most influential publication for the period 2002-2009 (Hoepner et al. *Ecol Econ* 2012)

Member of the Advisory Board for the project 'Remuneration of positive externalities / Payments for ecosystem services in the agriculture and food sectors', FAO Rome, since April 2013

Article "Complexities of Decentralization in a Globalizing World" featured in Environment Progress series as being of special interest to the progress in the Environmental Sciences field (March 2013)

Member of the Advisory Committee on 'Scaling Up Payments and Investments in Watershed Services', Swiss Agency for Development Cooperation, since February 2013

Elected Core Scientific Member of the BioEcon Network since September 2012

Member of the Advisory Committee for 'The Economics of Ecosystem Services and Biodiversity – TEEB Germany' directed by UFZ Leipzig since June 2012

Member elect of German Research Foundation (DFG)'s Senate Commission on Biodiversity Research (formal approval of DFG pending; meanwhile permanent guest in the commission)

Elected Associate Member of the European Development Network (EUDN) since June 2011

Member Patronatskomitee Naturzentrum Thurauen since 2011

Member of the Editorial Board of the Journal of Environmental Economics and Policy since 2011

Member of the Editorial Advisory Board of Quarterly Journal of International Agriculture since 2010

Senior Fellow, Center for Development Research, University of Bonn since 2010

Member of Scientific Advisory Board for Project 'Development of Direct Payments System'. Federal Agency of Agriculture, Switzerland (2007-2008)

Elected Member of the German Economics Association's Committee of Environmental and Resource Economists (Verein für Socialpolitik Ausschuss für Umwelt- und Ressourcenökonomie) (since 5/2006) and Committee on Development (Entwicklungsländerausschuss) (since 6/2004)

Member of the Task Force on Environmental Economics within the International Policy Dialogue (IPD) directed by Nobel Laureate Professor Joseph Stiglitz, University of Columbia (2004-2006)

Robert Bosch Foundation Junior Research Group Leader (2001-2006)

Bill and Mary Lessley Dissertation Excellence Award (9/1999)

Rhona Lantin Scholarship for best paper by a first-year student (11/1995)

University of Maryland Fellowship (8/1994-7/1996)

Membership of The Honor Society of Agriculture, Gamma Sigma Delta (since 10/1993)

Fulbright Foundation Travel Grant (8/1991)

PROFESSIONAL MEMBERSHIPS

European Association of Environmental and Resource Economists (EAERE), International Society of Ecological Economics (ISEE), International Association for the Study of the Commons (IASC)

POSITION OFFERS

Upon completion of PhD in 1999: offered Assistant Professorship positions by three US universities, incl. two of the top three in the field of agricultural and resource economics (University of Maryland, University of California at Davis) and University of Arizona, as well as a top European university (University of Wageningen, Netherlands).

When completing post-doctoral degree in 2005/6: offered Associate Professorship positions at ETH Zurich (Switzerland), KVL University, Copenhagen (Denmark), and University of Goettingen (Germany).

CONTRIBUTIONS TO YOUNG RESEARCHERS' CAREERS

PhD and MSc theses awards won by students with S. Engel as main supervisor:

- Bhagirath Behera: Global Development Network "Medal for Research on Development" 2nd Prize, 2006
- Devesh Rustagi: KfW (German Development Bank) Prize for development research of practical relevance 1st Prize, 2010
- Tilman Silber – Best master thesis in Environmental Sciences at ETH Zurich in 2011
- Tobias Langenegger – Best master thesis in Environmental Sciences at ETH Zurich in 2014

Assistant professorship positions obtained by PhD students and Post Docs from the group of S. Engel:

- Charles Palmer – London School of Economics, UK (Lecturer)
- Karin Ingold – University of Bern, Switzerland
- Bhagirath Behera – Indian Institute of Technology, Kharagpur, India
- Benedikt Korf – University of Zurich, Switzerland
- Marcella Veronesi – University of Verona, Italy
- Devesh Rustagi – University of Frankfurt, Germany
- Michele Baggio – University of Connecticut, U.S.

PhD students who successfully completed their thesis under the main supervision by S. Engel: Osman Gyasi (ZEF Bonn), Bhagirath Behera (ZEF Bonn), Charles Palmer (ZEF Bonn), Tobias Wünscher (ZEF Bonn), Astrid Zabel (ETH Zurich), Devesh Rustagi (ETH Zurich), Carina Cavalcanti (ETH Zurich), Saraly Andrade de Sa (ETH Zurich), Pan He (ETH Zurich), Alexander Widmer (ETH Zurich)

PhD students who successfully completed their thesis with substantial co-supervision by S. Engel:

Pooja Sawhney (ZEF Bonn), Benedikt Korf (University of Giessen), Sarah Conradt (ETH Zurich), Marc Zoss (ETH Zurich)

CONFERENCES CO-ORGANIZED

'Payments for Ecosystem Services and their Institutional Dimensions'. Berlin, November 10-12, 2011. (with ZALF, Germany)

'Environmental Decisions: Risks and Uncertainties'. Centro Stefano Franscini, Monte Verità, Switzerland. April 25 – 29, 2010. (with IED/ETH and University of Zurich).

'Development Economics and Policy'. Annual Conference of Verein für Socialpolitik, Research Committee Development Economics. May 30-31, 2008. (with CIS/University of Zurich and University of Göttingen, Germany)

'Payments for Environmental Services (PES) – Methods and design in developing and developed countries'. Titisee, Germany, June 15-18, 2005 (with CIFOR, Brazil, and IIED, U.K.)

SELECTED RESEARCH GRANTS RECEIVED

Alexander-von-Humboldt Professorship 2014. 3.5 mio Eur. Funding Agency: Alexander-von-Humboldt Foundation.

"Sustainable management of organic soils". Funding Agency: Swiss National Science Foundation (NRP 68). Project approved for funding in Dec 2012. Grant amount: 172'450 CHF for own module. Role: Co-Applicant (joint proposal with Agroscope ART and HAFL)

"Prioritization for adaption to climate and socio-economic changes – Backcasting tolerable future states to match supply and demand for ecosystem services in

mountainous areas” (MOUNTLAND II). Funding agency: CCES, ETHZ. Grant amount: 145'000 CHF for own module. Role: Co-Applicant

“CiVi.Net - The capacity of civil society organisations (CSOs) and their networks in community based environmental management.” Funding Agency: EU FP7. Grant amount: 210'640 Eur for own module. Role: Co-Applicant

“IWAGO - Integrated water governance with adaptive capacity in Switzerland” Funding Agency: Swiss National Science Foundation (SNSF). Grant amount: 774.000 for overall project; 120'000 CHF for own module. Role: Co-Applicant

“The REDD mechanism and ‘fragile states’. Political economy of avoided deforestation in forested countries of Central Africa and related challenges”. Funding agency: PPDG North South Centre, ETHZ. Grant amount: CHF 96'000 (PhD student Symphorien Ongolo Assogoma)

“Alternative Instrumente zur Abgeltung von gemeinwirtschaftlichen Leistungen der Landwirtschaft“ (Alternative policy instruments for compensating ecosystem services from Swiss agriculture). Funding agency: Swiss Federal Agency of Agriculture. Grant amount: 15'000 CHF

“Diffuse and leader-based Sanctioning Institutions for the Management of Forest Commons in Ethiopia” Funding agency: Swiss Center for International Agriculture (ZIL), ETHZ. Grant amount: CHF 133'196 (I + II) (Postdoc Devesh Rustagi)

“Improving the design of payments for adopting renewable energies in China”. Funding agency: PPDG North South Centre, ETHZ. Grant amount: CHF 13'889 (Field expenses for PhD student Pan He)

“Direct and Indirect Impacts of Biofuel Production in Brazil: Land Use, Forest Conversion and Social Welfare” Funding agency: Swiss Agency for Development Cooperation (SDC) through North-South Center, ETH Zürich (RFPP programme); and Swiss Commission for Research Partnerships with Developing Countries (KFPE). Grant amount: 60.000 CHF (RFPP) + 33.500 CHF (KFPE) (PhD stipend and fieldwork expenses for Saraly Andrade de Sa)

“Nachfrage nach nichtmarktlichen Leistungen der Landwirtschaft in der Schweiz“ (Demand for non-market services from Swiss agriculture) Funding agency: Swiss Federal Agency of Agriculture. Grant amount: 15.000 CHF

“Economic Incentives for the Conservation of Coffee Forests in Ethiopia: Incorporating Social Preferences through Experimental Approaches” Funding agency: Swiss Agency for Development Cooperation (SDC) through North-South Center, ETH Zürich (RFPP programme). Grant amount: 70.700 CHF (PhD stipend and fieldwork expenses for Devesh Rustagi)

“The role of cooperativeness in the adoption of sustainable common resource management: A shrimp trap exchange programme in a Natural Reserve in Brazil” Funding agency: Swiss Agency for Development Cooperation (SDC) through North-South Center, ETH Zürich (RFPP programme). Grant amount: 150.000 CHF (PhD stipend and fieldwork expenses for Carina Cavalcanti)

“Sustainable land-use practices in mountain regions: Integrative analysis of ecosystem dynamics under global change, socio-economic impacts and policy implications (MOUNTLAND)“ Funding agency: CCES, ETHZ. Grant amount: 1.8 Mio CHF (346'200 CHF 19'400 for own task). Role: Co-applicant, Member of Management Team

“Climate Policy Making for Enhanced Technological and Institutional Innovations (CLIMPOL)“ Funding agency: CCES, ETHZ. Grant amount: 1.17 Mio CHF for overall project (100,000 CHF for own module). Role: Co-Applicant, Member of Management Team, Cluster leader

“New policy mechanisms to mitigate wildlife-livestock conflicts: Applicability in developing countries with a specific focus on Bandhavgarh National Park in India“ Funding agency: Swiss Center for International Agriculture (ZIL), ETHZ. Grant amount: 200,000 CHF. (+ Complementary funding of SEK 468,450 from Swedish Research Council FORMAS.)

"Inwertsetzung von Waldwerten und Waldleistungen" (Valuation of forest ecosystem services) Funding agency: Swiss Federal Agency for the Environment (BAFU). Grant amount: CHF 50,000

"Determinants and Effects of Alternative Institutions for Natural Resource Management in Developing Countries." Funding agency: Robert Bosch Foundation (Junior Research Group Leader Program). Grant amount: Phase I: 434,086 EUR. Phase II: 281,500 EUR. (prior to 2006)

"Small agriculturalists in the Amazon: Interactions between ecosystem and socio-economic system for the use and protection of tropical forests in Brazil." Funding agency: BMBF (German Ministry for Education and Research). Grant amount: DM 1.76 million (0.9 million EUR). Project director: Prof. Dr. Joachim von Braun (ZEF) (prior to 2006)

PRESENTATIONS/EXPERT WORKSHOPS

a) Invited presentations (incl. keynote speeches)

"Designing and Implementing Payment for Ecosystem Service schemes". Invited presentation forthcoming at the BioEcon –UNEP Policy Workshop 'Economics of biodiversity and ecosystem services: Building Biodiversity and Ecosystem Services into National Policy'. September 20th - 21st 2014, University of Cambridge.

"What have we learnt on designing Payments for Environmental Services – A critical economist's view". Keynote presentation. International workshop on "How to articulate PES to other policy instruments in developing and developed nations". CIRAD, Montpellier, June 11-13, 2014.

"Overcoming commons dilemmas in the provision of ecosystem services". Invited presentation at the Max-Planck-Institute for Common Goods. Bonn, Germany, March 10, 2014.

„Designing payments for environmental services – An overview". Invited presentation at Systems Science Colloquium, University of Osnabrueck, November 13, 2013.

"Designing PES – Lessons learnt and open questions". Invited for keynote presentation at the Multi-Stakeholder Dialogue on Remuneration of Positive Externalities (RPE)/ Payments for Environmental Services (PES), September 13, 2013, FAO, Rome.

"Ecosystem Services and Biodiversity – Where do we stand?" Invited for keynote presentation at the workshop "Biodiversity and Ecosystem Services. Science – Policy – Finance – Welfare", European Investment Bank, September 25, 2013. (Had to be cancelled after date change by organizer)

"Payments for Ecosystem Services – Lessons for design". Invited presentation. University of Hannover, Development Economics Colloquium, June 12, 2013.

"Ecosystem Services – A useful concept for addressing global water challenges?". Keynote presentation. Global Water System Project (GWSP) Annual Conference 2013 'Water in the Anthropocene: Challenges for Science and Governance', May 21-24, 2013, Bonn, Germany.

"Biodiversität und Ökonomie (Biodiversity and Economics)". Invited presentation within the Public Lecture Series "Ecuador und Galapagos - Topografie der Vielfalt" (Ecuador and Galapagos – Topography of Diversity), VHS Zurich. Forthcoming May 21, 2013. University of Zurich, Switzerland.

"Designing Payments for Environmental Services – Lessons learned and to be learned". Invited presentation. April 24, 2013. University of Innsbruck, Austria.

"Policy Design zum Schutz von Ökosystemleistungen und Biodiversität" (Policy design for safeguarding ecosystem services and biodiversity). Invited presentation to the German Research Foundation (DFG)'s Senate Commission on Biodiversity Research. April 18, 2013, Leipzig, Germany.

"Policy design for safeguarding ecosystem services and biodiversity". Invited presentation at joint colloquium of Universities of Jena, Halle, and Leipzig. April 4, 2013. Leipzig, Germany.

- "Payments for Environmental Services – Lessons learnt and to be learnt". Invited presentation. University of Lueneburg. January 21, 2013, Lueneburg, Germany.
- "Sustainability, economy, and society". Invited presentation to the Robert Bosch Foundation Curatorium Meeting. November 4-5, 2012, Stuttgart, Germany.
- "Ökonomische Aspekte von Biodiversität (Economic aspects of biodiversity)". Invited presentation at the symposium "Biodiversität oder das Ende der Vielfalt (Biodiversity or the end of diversity)", Academy of Sciences North-Rhein Westfalia, October 18, 2012, Dusseldorf, Germany.
- "Designing payments for environmental services – An overview", Keynote address, 14th Annual BIOECON Conference on "Resource Economics, Biodiversity Conservation and Development", 18-20 September 2012, Kings College, Cambridge, UK.
- "Designing REDD+ schemes to address equity and permanence concerns: Empirical evidence from Kenya", Invited public lecture, London School of Economics, London, March 5, 2012.
- "Policy and Economics of Ecosystem Services", Center for Development Research, Bonn, Germany, January 30-31, 2012.
- "Behavioral heterogeneity, leadership and networks as determinants of participatory resource management outcomes: Insights from field experiments". Invited for presentation to the Author's colloquium in the honor of Nobel Prize winner Elinor Ostrom, November 17, 2011, Center for Interdisciplinary Research (ZiF), University Bielefeld, Germany (cancelled due to illness).
- "Institutional Dimensions of PES – An overview of selected research", Keynote presentation, International Conference on 'Payments for Ecosystem Services and their Institutional Dimensions'. Berlin, November 10-12, 2011.
- "The complexities of decentralization in a globalizing world". Invited presentation at Centre for International Environmental Studies (CIES), The Graduate Institute, Geneva, December 8, 2010.
- "Ökonomische Aspekte von Biodiversität (Economic aspects of biodiversity)". Presentation at ETH Symposium 'Biodiversität - Eine Herausforderung des 21. Jahrhunderts (Biodiversity - A challenge of the 21st Century)'. Zurich, November 10, 2010.
- "The policy and economics of reducing emissions from deforestation and degradation". Presentation at ETH Zurich, Course Business and Economics of Climate Change, Zurich, December 7, 2010.
- "Payments for Environmental Services". Presentation at NADEL, ETH Zurich, Switzerland, December 10, 2010.
- "The policy and economics of reducing emissions from deforestation and degradation". Presentation at ETH Zurich, Course Business and Economics of Climate Change, Zurich, November 1, 2009.
- "Payments for Environmental Services". Presentation at the Center for Development Research, International Doctoral Program, Bonn, Germany, October 8, 2009.
- "Social Networks and Community Resources Management", Workshop in Political Theory and Policy Analysis, Bloomington, US, October 2009, (Invited presentation held by lead author Carina Cavalcanti; Co-authors: Stefanie Engel, Andreas Leibbrandt).
- "Spatial allocation of Payments for Environmental Services". Gesellschaft für Ökologie, Conference on 'Dimensions of ecology', University of Bayreuth, Bayreuth, Germany, September 14, 2009 (Invited presentation held by lead author Tobias Wünscher; Co-authors: Stefanie Engel, Sven Wunder).
- "Outcomes and determinants of success of performance payment scheme for carnivore conservation, SLU Umeå, Department of Forest Economics." 2009. (Invited presentation held by lead author Astrid Zabel; Co-authors: Göran Bostedt, Stefanie Engel).
- "Conditional Cooperation, Costly Monitoring, and Common Property Forest Management in Ethiopia", Research Chair in Culture, Cognition, and Evolution at University of British Columbia, Canada, Vancouver, 26 May 2009. (Invited presentation held by lead author Devesh Rustagi; Co-authors: Stefanie Engel, Michael Kosfeld).

- “Conditional Cooperation, Altruistic Punishment, and Common Property Forest Management in Ethiopia”, Department of Economics at University of British Columbia, Canada, Vancouver, June 1, 2009. (Invited presentation held by lead author Devesh Rustagi; Co-authors: Stefanie Engel, Michael Kosfeld).
- “Conditional Cooperation Norm, Altruistic Punishment, and Participatory Forest Management in Ethiopia”, Behavior, Evolution, and Culture (BEC), Department of Anthropology at University of California Los Angeles (UCLA), US, Los Angeles, June 3, 2009. (Invited presentation held by lead author Devesh Rustagi; Co-authors: Stefanie Engel, Michael Kosfeld).
- “Strong reciprocity and participatory forest management in Ethiopia”. Annual Meeting of the Committee on Environmental and Resource Economics of the Verein für Socialpolitik, Vienna, Austria, April 24-25, 2009.
- “Payments for Environmental Services”. Presentation at NADEL, ETH Zurich, Switzerland, December 12, 2008.
- “Targeting International Payments for Environmental Services (IPES): General criteria, existing global approaches, real world examples and special challenges to IPES”. Presentation at Workshop “International Payments for Ecosystem Services”. Side-event to the Annual Conference of the International Society of Ecological Economics, Nairobi, August 8, 2008. (held by lead author Tobias Wünscher).
- “The New Governance of Water Resources: Payments for Environmental Services & Other Examples”. EAWAG, Dübendorf, Switzerland. May, 16, 2008.
- “Increasing the Efficiency of Conservation Spending: The case of Payments for Environmental Services in Costa Rica”. Workshop “A Global Network of Forest Protected Areas under the CBD: Opportunities and Challenges”, University of Freiburg, Freiburg, May 9-11, 2007.
- “Conservation of Tropical Forests: Addressing Market Failure”. Conference “Economic Development and Environmental Sustainability: A Dialogue on India”, organized by The Initiative for Policy Dialogue. New Delhi, India, December 18-19, 2006.
- “Die neue Umweltpolitik der Schweiz: Wissenschaftliche Aspekte aus Sicht der Umweltökonomie und Governance-Theorie“. Swiss Federal Agency for the Environment (BAFU)/World Economic Forum Tagung ‚Nachhaltige Nutzung natürlicher Ressourcen‘, Bern, Switzerland, October 10, 2006.
- “Wie sieht eine gute Umweltpolitik aus? Hypothesen aus der wissenschaftlichen Literatur (What constitutes a good environmental policy? Hypotheses from the scientific literature)“. BAFU Workshop ‘Management des Umweltkapitals’, Swiss Federal Agency for the Environment (BAFU), Bern, Switzerland, June 30, 2006.
- “The complexities of decentralization as an approach to reduce natural resource degradation and poverty in a globalized world”. (Keynote presentation.) International Conference on “Economics of Poverty, Environment and Natural Resource Use.” Wageningen, The Netherlands. May 17-19, 2006.
- “Exploiting Common Resources with Capital-Intensive Technologies: The Role of External Forces.” Annual Meeting of the Verein fuer Socialpolitik’s Research Committee on Environmental and Resource Economics. Oldenburg, Germany. May 5-6, 2006.
- “Designing Payments for Environmental Services in a Context of Weak Property Rights and Commercial Interests.” Workshop on ‘Marketing Environmental Services.’ ETH Zürich, Switzerland. January 16, 2006.
- “Designing Payments for Environmental Services in a Context of Weak Property Rights and Commercial Interests.” Workshop on ‘Payments for Environmental Services - Methods and design in developing and developed countries.’ Titisee, Germany. June 15-18, 2005.
- “Environmental Services under Weak Property Rights.” FAO Workshop on ‘Environmental Services for Poverty Reduction and Food Security.’ Food and Agriculture Organization (FAO), Agricultural and Development Economics Division, Rome. May 30-31, 2005.
- “Community-industry interactions over natural resources: Theoretical considerations and empirical evidence from Indonesia“. Quantitative Economics Seminar, Hamburger Welt-Wirtschaftsarchiv (HWWA) and University of Hamburg. November 30, 2004.

“Who owns the right? The determinants of community benefits from logging in Indonesia.”
Workshop ‘Community-based forestry in the next decade: Towards an ‘agrarian’ approach?’,
Humboldt-University, Berlin, October 7-9, 2004.

“The Four Levels of Institutional Analysis of Evolution of Joint Forest Management (JFM) in India:
A New Institutional Economics (NIE) Approach.” ‘Community-based forestry in the next decade:
Towards an ‘agrarian’ approach?’, Humboldt-University, Berlin, October 7-9, 2004.

“Interaktionen zwischen lokalen Gemeinden und Holzindustrie: Theoretische Überlegungen und
Empirische Ergebnisse aus Indonesien (Community-industry interactions over natural
resources: Theoretical considerations and empirical evidence from Indonesia)”.
Forstökonomisches Kolloquium (Conference of Forest Economists) 2004, University of Freising,
October 4-5, 2004.

“Environmental institutions in Germany: Leader or laggard?” Symposium ‘Environmental Policies
in Decentralized Governmental Systems: Country Studies in a Comparative Perspective’.
Tramarglio, Italy, March 17-20, 2004.

“Community-industry contracting over natural resource use in a context of weak property rights:
The case of Indonesia”. First Academic EUDN (European Development Network) Conference
‘Economic Growth, Poverty Reduction, and Institutions’, Paris, November 4-5, 2003.

“Improved water supply in the Ghanaian Volta Basin: Who uses it and who participates in
community decision making”. Invited Panel on Water, Conference of the International
Association of Agricultural Economists (IAAE), Durban, South Africa, August 2003. (Presenter:
M.d.P. Useche.)

“Endogenitäten im partizipativen Ressourcenmanagement: Polit- ökonomische Aspekte des
Bewässerungsmanagements in Ghana“. (Endogeneities in participative resource management:
Political economy aspects of irrigation management in Ghana). Annual Meetings of the
German Economic Association’s Committee on Developing Countries), Hamburg, Juli 4-5,
2003.

“Community-industry contracting over natural resource use in a context of weak property rights:
The case of logging concessions in Indonesia”. (Keynote presentation.) 81th EAAE Seminar
Economics of Contracts in Agriculture, Third Annual Workshop, June 19-21, 2003,
Copenhagen, Denmark.

“Determinants and Effects of Alternative Institutions for Natural Resource Management in
Developing Countries”. Humboldt-University of Berlin, Institute for Resource Economics,
Research Colloquium. Berlin, January 21, 2003.

“To share or not to share: A model of land conflicts and irrigation management in Ghana”.
University of Göttingen, Institut für rurale Entwicklung, December 11, 2002.

“Water institutions in the process of reforms: From the international to the local level. The case of
Ghana.” Second Workshop on Water, German Institute for Development (DIE), Bonn.

“Meta-Analysis vs. Benefit Function Transfer as Policy-Making Tools: A Comparison”. Workshop
on “Meta-Analysis and Benefit Transfer: State of the Art and Prospects”. Tinbergen Institute,
Amsterdam, April 1998.

“Overcompliance, Labeling, and Lobbying: The Case of Credence Goods”. University of
Maryland, Department of Agricultural and Resource Economics, June 1998.

“Achieving Environmental Goals in a World of Trade and Hidden Action: The Role of Trade
Policies and Eco-Certification”. Center for Development Research, Bonn, Germany, December
1998.

b) Other presentations

“Payments for environmental services as a mechanism to promote biodiversity conservation in a
Green Economy: Potentials and limitations.” Forthcoming at the biannual conference of the
International Society for Ecological Economics (ISEE), Reykjavik, Iceland, 13 - 15 August 2014.
(with and presented by T. Wünscher).

„Payments for environmental services as a mechanism to promote biodiversity conservation in a
Green Economy: Potentials and limitations.” Forthcoming at the 7th conference of the

- Ecosystem Services Partnership (ESP), San Jose, Costa Rica, 8-12 September 2014. (with and presented by T. Wünscher).
- „REDD+ design under uncertainty and capital constraints”. Presented at Annual BIOECON conference 2014 in Cambridge UK, September 22-23, 2014. (with and presented by T. Reutemann).
- „REDD+ design under uncertainty and capital constraints”. Presented at the World Congress of Environmental and Resource Economists (WCERE) 2014 in Istanbul, June 28-July 2, 2014 (with and presented by T. Reutemann).
- “The Role of Risk, Ambiguity, and Time Preferences in the Participation in Renewable Energy PES Programs: Experimental Evidence from China”. BIOECON Conference 2013 in Cambridge, UK. Paper presentation (with P. He, M. Veronesi; presented by P. He).
- “The Role of Risk, Ambiguity, and Time Preferences in the Participation in Renewable Energy PES Programs: Experimental Evidence from China”. Swiss Global Change Day, April 2013, Bern, Switzerland. Poster presentation (with P. He, M. Veronesi; presented by P. He).
- “Designing REDD+ schemes to address equity and permanence concerns: empirical evidence from Kenya”. 19th Conference of the European Association of Environmental and Resource Economists, Prague, June 27-30, 2012, (with M. Veronesi, T. Schlöndorn, A. Zabel; presented by M. Veronesi).
- “Designing REDD+ schemes to address equity and permanence concerns: empirical evidence from Kenya”. Verein für Socialpolitik (German Economics Foundation), *Research Committee on Development Economics*, Annual International Conference 2012, June 22, 2012, Bonn, Germany. (with M. Veronesi, T. Schlöndorn, A. Zabel)
- “Establishing Permanence in REDD+ Schemes”. Tropentag, October 5-7, 2011, Bonn Germany (Poster presentation) (with M. Veronesi, T. Schlöndorn, A. Zabel, presented by T. Schlöndorn).
- “Establishing Permanence in REDD+ Schemes”. Conference on ‘Institutional dimensions of Payments for Environmental Services’. November 10-12, 2011, Berlin, Germany (with M. Veronesi, T. Schlöndorn, A. Zabel; presented by T. Schlöndorn).
- “The Design of Payments for Avoided Deforestation Under Uncertainty: Insights from Real Option Theory”. 13th Annual BIOECON Conference "Resource Economics, Biodiversity Conservation and Development," The Graduate Institute, Geneva, 11-13 September, 2011. (with C. Palmer, L. Taschini, and S. Urech; presented by S. Urech).
- “The Design of Payments for Avoided Deforestation Under Uncertainty: Insights from Real Option Theory”. EAAE Congress 2011 “Change and Uncertainty”, Zurich, Switzerland, August 30 - September 2, 2011. (with C. Palmer, L. Taschini, and S. Urech; presented by S. Urech).
- “Outcomes and Determinants of Success of a Performance Payment Scheme for Carnivore Conservation”. EAAE Congress 2011 “Change and Uncertainty”, Zurich, Switzerland, August 30 - September 2, 2011. (with A. Zabel and G. Bostedt, presented by A. Zabel).
- “Outcomes and Determinants of Success of a Performance Payment Scheme for Carnivore Conservation”, Annual Conference of the European Association of Environmental and Resource Economists, Rome, Italy, June 29 - July 2, 2011. (with A. Zabel and G. Bostedt, presented by G. Bostedt)
- “The Design of Payments for Avoided Deforestation Under Uncertainty: Insights from Real Option Theory”, Climate Economics and Law conference, Bern, June 16-17, 2011. (with C. Palmer, L. Taschini, and S. Urech; presented by S. Urech).
- “Performance Payments: A New Strategy to Conserve Large Carnivores in the Tropics?”, Tropentag 2010: World food system – A contribution from Europe, September 14 - 16, 2010, Zurich, Switzerland. Poster Presentation. (with A. Zabel).
- “Determinants of Participation in Payments for Ecosystem Service Schemes”, Tropentag 2010: World food system – A contribution from Europe, September 14 - 16, 2010, Zurich, Switzerland. Poster Presentation. (with T. Wünscher and S. Wunder).
- “Determinants of Participation in Payments for Ecosystem Service Schemes”. Annual Conference of the International Society of Ecological Economics (ISEE), August 22-25, 2010,

- Oldenburg and Bremen, Germany. (with T. Wünscher and S. Wunder, presented by T. Wünscher).
- “Practical approaches to estimate opportunity costs of ecosystem service provision”. Annual Conference of the International Society of Ecological Economics (ISEE), August 22-25, 2010, Oldenburg and Bremen, Germany. (with T. Wünscher and S. Wunder, presented by T. Wünscher).
- “Ethanol Production, Food and Forests“. World Congress of Environmental and Resource Economics 2010, June 27 – July 2, 2010, Montreal, Canada. (with S. Andrade de Sa and C. Palmer, presented by S. Andrade de Sa).
- “Are forests real options to mitigate climate change?” World Congress of Environmental and Resource Economics 2010, June 27 – July 2, 2010, Montreal, Canada. (with C. Palmer, R. Saizaki, L. Taschini, and S. Urech, presented by S. Urech).
- “Are forests real options to mitigate climate change?” Conference ‘Environmental Decisions: Risks and Uncertainties’, April 26-29, 2010, Ascona, Switzerland. (with C. Palmer, R. Saizaki, L. Taschini, and S. Urech).
- “Ethanol Production, Food and Forests“. SURED Conference, June 6-11, 2010, Ascona, Switzerland. (with S. Andrade de Sa and C. Palmer, presented by S. Andrade de Sa).
- “Forest payment schemes as real options to mitigate climate change”. Tropentag 2009, October 6-8, 2009, Hamburg, Germany (with R. Saizaki and C. Palmer, presented by R. Saizaki).
- “Strong reciprocity and participatory forest management in Ethiopia”. BIOECON conference, Venice, Italy, September 21-22, 2009 (with D. Rustagi and M. Kosfeld, presented by D. Rustagi).
- “Paper tigers or fences-and-fines or co-management? The emergence and significance of community agreements in the Lore Lindu National Park in Sulawesi, Indonesia”. BIOECON conference, Venice, Italy, September 21-22, 2009 (with C. Palmer and A. Pfaff, presented by C. Palmer).
- “Direct and Indirect Effects of bio-ethanol production in Brazil: Land Use, Forest Conversion and Social Welfare”, AGS Annual Meeting 2009, Zurich, Poster presentation. (Won AGS Best poster award) (with S. Andrade de Sa and C. Palmer, presented by S. Andrade de Sa).
- “Social Networks and Community Resources Management”, International Meeting of the Economic Science Association (ESA), US, Washington, June 25-28, 2009. (with C. Cavalcanti and A. Leibbrandt, presented by C. Cavalcanti).
- “Conditional Cooperation, Costly Monitoring, and Common Property Forest Management in Ethiopia”, International Meeting of the Economic Science Association (ESA), Arlington, US, 25-28 July, 2009. (with D. Rustagi and M. Kosfeld, presented by D. Rustagi).
- “Strong reciprocity and participatory forest management in Ethiopia”. Annual Meeting of the European Association of Environmental and Resource Economics, Amsterdam, Netherlands, June 24-27, 2009 (with D. Rustagi and M. Kosfeld).
- “Comparing Conventional and New Policy Approaches for Carnivore Conservation – Theoretical Results and Application to Tiger Conservation”. Presentation at the Conference on Sustainable Resource Use and Economic Dynamics (SURED 2008). Ascona, Switzerland. June 2-5, 2008. (with A. Zabel, K. Pittel, G. Bostedt, presented by A. Zabel)
- “Comparing Conventional and New Policy Approaches for Carnivore Conservation – Theoretical Results and Application to Tiger Conservation”. Presentation at the Annual Meeting of the European Association of Environmental and Resource Economics. Gothenburg, Sweden. June 25-28, 2008. (with A. Zabel, K. Pittel, G. Bostedt, presented by A. Zabel)
- “The Impacts of Tropical Biofuel Production on Land-use”. Paper presented at the Tropentag 2007, October 9-11 in Witzenhausen, Germany. (with T. Soyka and C. Palmer, presented by T. Soyka)
- “Designing payments for environmental services with weak property rights and commercial interests”. Annual Conference of the International Society of Ecological Economics (ISEE), New Delhi, December 15-19, 2006. (presented by C. Palmer)

- "Payments for Forest Environmental Services: How Much Do We Really Have to Pay?" (Poster) Deutscher Tropentag 2006, October 11-13, University of Bonn, Germany.
- "Designing Payments for Environmental Services in the Context of Weak Property Rights and Commercial Interests". 3rd World Congress of Environmental and Resource Economists, Kyoto, Japan; Juli, 2006. (presented by C. Palmer)
- "Exploiting Common Resources with Capital-Intensive Technologies: The Role of External Forces." Conference on Sustainable Resource Use and Economic Dynamics (SURED 2006). Ascona, Switzerland. June 4-9, 2006.
- "Who owns the right? The determinants of community benefits from logging in Indonesia." Annual Meetings of the European Association of Environmental and Resource Economics (EAERE), Bremen, Germany, June 23-26, 2005.
- „Determinants of community-based institutions for the management of small-scale irrigation systems in Northern Ghana." Deutscher Tropentag 2004, 5.-7. Oktober in Berlin. (Presenter: K.O. Gyasi; Session Chair: S. Engel).
- "Who owns the right? The determinants of community benefits from logging in Indonesia." Annual Meetings of the International Association for the Study of Common Property (IASCP), Oaxaca, Mexico, August 2004, and at the Annual Meetings of the International Society of New Institutional Economics (ISNIE), Tucson, AZ, USA, October 2004. (Presenter: C. Palmer).
- "The Four Levels of Institutional Analysis of Evolution of Joint Forest Management (JFM) in India: A New Institutional Economics (NIE) Approach." Annual Meetings of the International Association for the Study of Common Property (IASCP), Oaxaca, Mexico, August 2004. (Presenter: B. Behera).
- "Exploiting Common Resources with Capital-Intensive Technologies: The Role of External Forces". Annual Meetings of the European Association of Environmental and Resource Economics (EAERE) in Budapest, June 25-28, 2004.
- "Non-Timber Forest Produce and Its Role in the Local Economy - The Case of Bandhavgarh National Park, India". (Poster) Deutscher Tropentag 2003, October 8-10 at the Georg-August-University of Göttingen.
- "Community-industry contracting over logging concessions in decentralized Indonesia: An unequal bargain". Annual meetings of the International Society of New Institutional Economics (ISNIE), Budapest, Hungary, September 11-13, 2003.
- "Functions of Violence Revisited. Synergies of Greed *and* Grievance in Sri Lanka". Annual meetings of the International Society of New Institutional Economics (ISNIE), Budapest, Hungary, September 11-13, 2003. (Presenter: B. Korf).
- "Displacement due to Violence in Colombia: Determinants and Effects at the Household Level." Annual Meetings of the Latin American and Caribbean Economics Association (LACEA) in Madrid, Spain, October 11-13, 2002. (Presenter: A. Ibanez).
- "Forest resource use by people in Protected Areas and its implications for biodiversity conservation: The case of Bandhavgarh National Park in India". (Poster) Deutscher Tropentag, Kassel-Witzenhausen, Germany, October 2002.
- "Forest resource use by people in Protected Areas and its implications for biodiversity conservation: The case of Bandhavgarh National Park in India". *STORMA (Stability of Rain Forest Margins) Conference* in Bogor, Indonesia, September 29 – October 3, 2002. (Presenter: P. Sawhney).
- "Heterogeneity and policy response in multiple-player games: A model applied to common-pool resource management in Ghana". Paper accepted at the Second World Congress of Environmental and Resource Economics, Monterey, California, June 23-27, 2002.
- "A Simple Model of Voluntary vs. Mandatory Labeling of GMOs." Annual Meetings of the American Agricultural Economics Association in Chicago, August 2001. (Presenter: A. Zago).
- "Achieving Environmental Goals in a World of Trade and Hidden Action: The Role of Trade Policies and Eco-Certification". Paper accepted at the 1998 Annual Meetings of the European Economics Association in Berlin, Germany.
- "Achieving Environmental Goals in a World of Trade and Hidden Action: The Role of Trade

Policies and Eco-Certification". Annual Conference of the Latin American and Caribbean Economics Association (LACEA) in Santafé de Bogotá, Colombia, in October 1997.

"Green Business and Blue Angels: Towards a Model of Voluntary Overcompliance with Asymmetric Information". Annual Meetings of the American Agricultural Economics Association in San Antonio, Texas, July 1996.

c) Invited expert workshops attended (without presentation; selection only)

Workshop on Certification of Ecosystem Services, University Hannover and Center for Development Research, Bonn. Bonn, Germany, April 4, 2013.

Alliance for Global Sustainability (AGS) Workshop 'From Outreach to Partnership', ETH Zurich, Convenor of the Working Group on 'Biodiversity and Ecosystem Services'. October 15, 2009.

Workshop "A Global Network of Forest Protected Areas under the CBD: Opportunities and Challenges", University of Freiburg, Freiburg, May 9-11, 2007.

Workshop 'Management des Umweltkapitals' (Management of Environmental Capital), Swiss Federal Agency for the Environment (BAFU), Bern, Switzerland, June 30, 2006.

Roundtable on "Devolution and local participation in resource management". German Day of the Tropics (Deutscher Tropentag) 2003, October 8-10 at the Georg-August-University of Göttingen.