

PUBLICATION LIST of Stefanie Engel (née Kirchhoff)¹

(Student names underlined when articles result from theses supervised by S. Engel)

Last update: 19.05.2021

a) Monographs/ Edited volumes

Palmer, C., and S. Engel 2009. *Avoided Deforestation: Prospects for Mitigating Climate Change*. Routledge Explorations in Environmental Economics, Routledge, Oxford.

Engel, S., 2004. "Designing institutions for sustainable resource management and environmental protection." Habilitation thesis. Faculty of Agriculture, University of Bonn.

b) Special issues of international refereed journals

Wunder, S., Engel, S., and S. Pagiola, S. (eds.). 2008. "Designing Payments for Environmental Services in Developing and Developed Countries". Special Issue. *Ecological Economics* 65.

Matzdorf, B., Sattler, C., and S. Engel (eds.). December 2013. "Payments for Ecosystem Services and Their Institutional Dimensions: Institutional frameworks and governance structures of PES schemes". Special Issue. *Forest Policy and Economics* 37. <http://www.sciencedirect.com/science/journal/13899341/37>

Engel, S., and Ovando Pol P. (guest eds.) 2019. Special Issue on Payments for Forest Watershed Services. *Water Resources and Economics*.

c) Refereed journals and book chapters

Kirchhoff, S.; B.G. Colby, and J.T. LaFrance. 1997. "Evaluating the performance of Benefit Transfer: An empirical inquiry". *Journal of Environmental Economics and Management* 33: 75-93.

Kirchhoff, S. 2000. "Green Business and Blue Angels: A Model of Voluntary Overcompliance with Asymmetric Information". *Environmental and Resource Economics* 15(4): 403-20.

Asante, F., Berger, T., Engel, S., and M. Iskandarani. 2002. „Water security in the Ghanaian Volta Basin: Patterns, determinants, and consequences". *Quarterly Journal of International Agriculture* 41(1/2) (Special Issue on Agricultural water management and land use in relation to future water supply): 145-167.

Edig, A. van, Engel, S., and W. Laube. 2002. "Ghana's water institutions in the process of reforms: From the international to the local level." In *Reforming Institutions for Sustainable Water Management*. Neubert, S., Scheumann, W., and A. van Edig (eds.). German Development Institute (DIE), Bonn, Germany.

Engel, S. "Meta-Analysis vs. Benefit Function Transfer as Policy-Making Tools: A Comparison". 2002. In *Comparative Environmental Economic Assessment*. Raymond J.G.M. Florax, Peter Nijkamp, Ken Willis (eds.). Edward Elgar.

Sawhney, P., and S. Engel. 2003. "Forest resource use by people in Protected Areas and its implications for biodiversity conservation: The case of Bandhavgarh National Park in India". In *Land use, nature conservation and the stability of rainforest margins in Southeast Asia*. Gerold, G., Fremerey, M., Guhardja E. (eds.). Springer, Berlin.

Engel, S., and U. Grote. 2004. "Trade liberalization and environmental standards in the agricultural sector: Is there a race to the bottom for environmentalist reasons?" *Quarterly Journal of International Agriculture* 2/04: 89-110.

¹ Please note that Stefanie Engel published under her maiden name, Stefanie Kirchhoff, until February 2002.

- Engel, S. 2004. "Achieving Environmental Goals in a World of Trade and Hidden Action: The Role of Trade Policies and Eco-Labeling". *Journal of Environmental Economics and Management* 48(3): 1122-1145.
- Engel, S. 2005. "Endogenitäten im partizipativen Ressourcenmanagement: Politökonomische Aspekte des Bewässerungsmanagements in Ghana." (Endogeneities in participative resource management: political economy aspects of irrigation management in Ghana.) *Schriften des Vereins für Socialpolitik (Journal of the German Economics Association) Vol. 303, Zur Bewertung der Entwicklungszusammenarbeit (On the Evaluation of Development Cooperation)*. Duncker und Humblot GmbH, Berlin. Pp. 99-126.
- Engel, S., López, R., und C. Palmer. 2006. "Community-industry contracting over natural resource use in a context of weak property rights: The case of Indonesia". *Environmental and Resource Economics* 33(1): 73-98.
- Korf, B., and S. Engel. 2006. "On the Incentives of Violence: Greed and Pride in Sri Lanka's Civil War." *South Asian Economic Journal* 7 (1), 117-129.
- Engel, S. 2006. "Overcompliance, Labeling, and Lobbying: The Case of Credence Goods". *Environmental Modelling & Assessment* 11(2):115-130.
- Bulte, E., und S. Engel. 2006. "Conservation of Tropical Forests: Addressing Market Failure." In *Sustainable Development: New Options and Policies*. López, R., Stiglitz, J., and M. Toman (Eds.). Oxford University Press, New York.
- Engel, S., and C. Palmer. 2006. „Who owns the right? The determinants of community benefits from logging in Indonesia." *Forest Policy and Economics* 8(4): 434-446.
- Behera, B., and S. Engel. 2006. "The four levels of institutional analysis of the evolution of Joint Forest Management in India: A New Institutional Economics approach." *Forest Policy and Economics* 8(4): 350-362.
- Engel, S., Iskandarani, M., and M.d.P. Useche. 2007. "Demand and supply of improved water in the Ghanaian Volta Basin". *International Journal of River Basin Management* 5(1): 31-36.
- Wünscher, T., Engel, S., and S. Wunder. 2006. "Payments for Environmental Services in Costa Rica: Increasing Efficiency through Spatial Differentiation". *Quarterly Journal of International Agriculture* 45(4): 319-37.
- Engel, S., and A.M. Ibañez. 2007. "Displacement due to Violence in Colombia: Determinants and Effects at the Household Level." *Economic Development and Cultural Change* 55(2): 335-365.
- Palmer, C., and S. Engel. 2007. "For better or for worse? Local impacts from the decentralization of Indonesia's forest sector." *World Development* 35(12): 2131-2149.
- Engel, S., and C. Palmer. 2007. "The role of decentralization in integrating cross-sectoral demands on forests". In: *Cross-sectoral Policy Development in Forestry*. Y. C. Dubé and F. Schmithüsen (eds.). CABI/Oxford University Press, pp. 14-23.
- Behera, B., and S. Engel. 2007. "How participatory are Joint Forest Management institutions in Andhra Pradesh, India?" In *Institutions and Development: Failed Expectations and Renewed Hopes*. N. Dinello and V. Popov (eds.). Edward Elgar.
- Engel, S., Wünscher, T., and S. Wunder. 2007. "Increasing the Efficiency of Conservation Spending: The case of Payments for Environmental Services in Costa Rica". In: C.B. Schmitt, T. Pistorius and G. Winkel (eds.). *A Global Network of Forest Protected Areas under the CBD: Opportunities and Challenges*. Freiburg Schriften zur Forst- und Umweltpolitik 16. Verlag Kessel: Remagen.
- Engel, S., and M. Zimmermann. 2007. "Environmental institutions in Germany: Leader or laggard?" In *Environmental Governance and Decentralization: Country Studies*. Breton, A., Brusio, G., Dalmazzone, S., Garrone, G. (Eds.). Cheltenham: Elgar.

- Engel, S. 2007. "Overcompliance, Labeling and Lobbying: The Case of Credence Goods". In *Labelling Strategies in Environmental Policy*. M.F. Teisl (Ed.). Ashgate Publishing. Pp. 139-154. The 'International Library of Environmental Economics and Policy' Series (edited by Tom Tietenberg).
- Engel, S., and C. Palmer. 2008. "Payments for Environmental Services as an Alternative to Logging under Weak Property rights: The Case of Indonesia". *Ecological Economics* 65:799-809. (Featured in *European Commission DG Environment News Alert Service*. <http://ec.europa.eu/environment/integration/research/newsalert/pdf/5si6.pdf>)
- Wünscher, T., Engel, S., and S. Wunder. 2008. "Spatial Targeting of Payments for Environmental Services: A Tool for Boosting Conservation Benefits." *Ecological Economics* 65:822-833.
- Engel, S., Pagiola, S., and S. Wunder. 2008. "Designing Payments for Environmental Services in Theory and Practice – An Overview of the Issues." *Ecological Economics* 65:663-674. On Science Direct's List of Hottest Articles in Economics, Econometrics and Finance.
- Wunder, S., Engel, S., and S. Pagiola. 2008. "Taking Stock: A comparative analysis of Payments for Environmental Services Programs in Developed and Developing Countries". *Ecological Economics* 65:834-852.
- Engel, S., and R. López. 2008. "Exploiting Common Resources with Capital-Intensive Technologies: The Role of External Forces". *Environment and Development Economics* 13(5):565-589.
- Engel, S., and C. Palmer. 2009. "Designing Payments for Environmental Services with Weak Property Rights and External Interests." In: Lipper, L., Sakuyama, T., Stringer, R., and D. Zilberman (eds.), *Payments for Environmental Services in Agricultural Landscapes: Economic Policies and Poverty Reduction in Developing Countries*, Food and Agriculture Organization of the United Nations (FAO) and Springer Press.
- Palmer, C., and S. Engel. 2009. "Introduction: reducing CO2 emissions through avoided deforestation?" In: *Avoided Deforestation: Prospects for Mitigating Climate Change*. Palmer, C., and S. Engel (eds.). Routledge Explorations in Environmental Economics, Routledge, Oxford.
- Engel, S., Wünscher, T., and S. Wunder. 2009. "Increasing the efficiency of forest conservation: the case of payments for environmental services in Costa Rica." In: *Avoided Deforestation: Prospects for Mitigating Climate Change*. Palmer, C., and S. Engel (eds.). Routledge Explorations in Environmental Economics, Routledge, Oxford.
- Engel, S., and C. Palmer. 2009. "Prospects for mitigating climate change through avoided deforestation: conclusions and outlook." In: *Avoided Deforestation: Prospects for Mitigating Climate Change*. Palmer, C., and S. Engel (eds.). Routledge Explorations in Environmental Economics, Routledge, Oxford.
- Zabel, A., and S. Engel. 2010. "Performance payments: A new strategy to conserve large carnivores in the tropics?" *Ecological Economics* 70(2010):405-412.
- Rustagi, D., Engel, S., Kosfeld, M. 2010. "Conditional Cooperation and Costly Monitoring Explain Success in Forest Commons Management." *Science* 330: 961-965.
- Engel, S., Hobi, S., and A. Zabel. 2010. "Ensuring REDD plays its part in any post-2012 agreement: which issues remain to be resolved?" *Carbon Management* 1(2):261-69.
- Engel, S., C. Palmer, and M. Berg. 2011. "Market-based solutions to reduce emissions from deforestation and degradation (REDD) ", In A. Calvillo (ed.), *Environmental Alpha: Institutional Investors and Climate Change*. John Wiley and Sons. Pp. 213-244.
- Zabel, A., Pittel, K., Bostedt, G., and S. Engel. 2011. "Comparing Conventional and New Policy Approaches for Carnivore Conservation – Theoretical Results and Application to Tiger Conservation." *Environmental and Resource Economics* 48:287-301.
- Engel, S., Hobi, S., and A. Zabel. 2011. "Neue Entwicklungen und offene Fragen zu REDD+ (New developments and open questions regarding REDD+)". *Schweizerische Zeitschrift für Forstwesen* 162(4):117-123.

- Engel, S., and C. Palmer. 2011. "Complexities of decentralization in a globalizing world." *Environmental and Resource Economics* 50:157–174. Featured as publication of special interest to the progress in the Environmental Sciences field in the Environment Progress series.
- Andrade de Sa, S., Palmer, C., and S. Engel. 2012. "Ethanol production, food and forests." *Environmental and Resource Economics* 51(1), 1-21.
- Wünscher, T., and S. Engel. 2012. "International Payments for Biodiversity Services: Review and Evaluation of Conservation Targeting Approaches". *Biological Conservation* 152 (2012) 222–230.
- Cavalcanti, C., Engel, S., Leibbrandt, A. 2013. "Social integration, participation, and community resource management". *Journal of Environmental Economics and Management* 65(2): 262-276.
- Engel, S., Palmer, C., and A. Pfaff. 2013. "On the endogeneity of resource co-management: theory and evidence from Indonesia." *Land Economics* 89(2): 308-329.
- Matzdorf, B., Sattler, C., and S. Engel. 2013. "Institutional Frameworks and Governance Structures of PES schemes". *Forest Policy and Economics* 37: 57-64. <http://dx.doi.org/10.1016/j.forpol.2013.10.002>
- Engel, S., and M. Schäfer. 2013. "Ecosystem Services - A useful concept for addressing water challenges?" *Current Opinion in Environmental Sustainability* 5:696–707.
- Zabel, A., Bostedt, G., Engel, S. 2014. "Performance Payments for Groups: The Case of Carnivore Conservation in Northern Sweden." *Environmental and Resource Economics* 59(4): 613-631.
- Wünscher, T., and S. Engel, with contributions from K. Karousakis. 2014. "Cost-effective targeting for IPES." In *Global Biodiversity Finance: The Case for International Payments for Ecosystem Services*. Bishop, J., Hill, C., (eds.). Edward Elgar, UK.
- Engel, S. "Payments for environmental services". 2014. In *Essential Concepts of Global Environmental Governance*, J. F. Morin and A. Orsini (eds.). Routledge.
- Engel, S., Palmer, C., Taschini, L., Urech, S. 2015. "Conservation Payments under Uncertainty". *Land Economics* 91(1): 36-56.
- Veronesi, M., Reutemann, T., Zabel, A., and S. Engel. 2015. „Designing REDD+ schemes when forest users are not forest landowners: Evidence from a survey-based experiment in Kenya. “ *Ecological Economics* 116: 46-57. DOI: 10.1016/j.ecolecon.2015.04.009.
- Engel, S., Wünsch, T. 2015. "Payments for environmental services as a mechanism to promote biodiversity conservation in a Green Economy: Potentials and limitations". In: *Biodiversity in the Green Economy*. Gasparatos, A., Willis, K. (eds.). London: Routledge
- Engel, S. 2016. "The Devil in the Detail: A Practical Guide on Designing Payments for Environmental Services", *International Review of Environmental and Resource Economics* 9(1–2):131-177. <http://dx.doi.org/10.1561/101.00000076>
- Reutemann, T., Engel, S., Pareja, E. 2016. How (not) to Pay - Field Experimental Evidence on the Design of REDD+ Payments. *Ecological Economics* 129: 220-229.
- Engel, Stefanie, Muller, A. 2016. Payments for Environmental Services to Promote Climate-Smart Agriculture? Potential and Challenges. *Agricultural Economics* 47 (S1): 173–184.
- He, P., Veronesi, M., Engel, S. 2017. Consistency of Risk Preference Measures: An Artefactual Field Experiment from Rural China. *Journal of Development Studies*. <http://dx.doi.org/10.1080/00220388.2017.1336542>.
- Muller, A., Ferré, M., Engel, S., Gattinger, A., Holzkämper, A., Huber, R., Müller, M., Six, J. 2017. Can soil-less crop production be a sustainable option for soil conservation and future agriculture? *Land Use Policy* 69: 102-105.
- Wunder, S., Brouwer, R., Engel, S., Ezzine-de-Blas, D., Muradian, R., Pascual, U., Pinto, R. 2018. From principles to practice in paying for nature's services. *Nature Sustainability* 1 (March 2018): 145-150.

- Ferré, M., Engel, S., Gsottbauer, E. 2018. Which Agglomeration Payment for a Sustainable Management of Organic Soils in Switzerland? – An Experiment Accounting for Farmers' Cost Heterogeneity. *Ecological Economics* 150: 24-33.
- Thomas, F., Koessler, A.-K. & Engel, S. 2018. Stupsende Agrarpolitik? – Nudging zu einer nachhaltigen Landwirtschaft. Vierteljahrshefte zur Wirtschaftsforschung (DIW Berlin) 87 (2): 127–138.
- Thomas, F., E. Midler, M. Lefebvre and S. Engel. 2019. Greening the Common Agricultural Policy: a behavioral perspective and lab-in-the-field experiment in Germany. *European Review of Agricultural Economics*. <https://doi.org/10.1093/erae/jbz014>.
- Ferré, M., Muller, A., Leifeld, J., Bader, C., Müller, M., Engel, S., Wichmann, S. 2019. Sustainable management of cultivated peatlands in Switzerland: insights, challenges, and opportunities. *Land Use Policy* 87 (2019) 104019 <https://doi.org/10.1016/j.landusepol.2019.05.038>.
- Heitmann, F., Pahl-Wostl, C., Engel, S. 2019. Requirements Based Design of Environmental System of Systems: Development and Application of a Nexus Design Framework. *Sustainability* 2019, 11, 3464; doi:10.3390/su11123464
- Lliso, B., Pascual, U., Engel, S., Mariel, P. 2020. Payments for ecosystem services or collective stewardship of Mother Earth? Applying deliberative valuation in an indigenous community in Colombia. *Ecological Economics* 169. Available online. <https://authors.elsevier.com/c/1a5IP3Hb-0MJr2>
- Engel, S., and Ovando Pol P. 2019. Guest editorial to the Special Issue on Payments for Forest Watershed Services. *Water Resources and Economics*.
- Engel, S. "Payments for environmental services". Forthcoming in 2020. In *Essential Concepts of Global Environmental Governance*, J. F. Morin and A. Orsini (eds.). 2nd edition. Routledge.
- Lliso, B., Pascual, U., Mariel, P., Engel, S. 2020. Increasing the credibility and salience of valuation through deliberation: Lessons from the Global South. *Global Environmental Change* 62. <https://doi.org/10.1016/j.gloenvcha.2020.102065>
- Wunder, S., Brouwer, R., Engel, S., Ezzine-de-Blas, D., Muradian, R., Pascual, U., Pinto, R. 2018. 2020. Reply to: Simplification of PES project designs can be socially and scientifically justifiable. *Nature Sustainability* June 2020. DOI: 10.1038/s41893-020-0545-2
- Lliso, B., Pascual, U., Engel, S. 2021. On the role of social equity in payments for ecosystem in Latin America: A practitioner perspective. *Ecological Economics* 182. <https://doi.org/10.1016/j.ecolecon.2020.106928>
- Koessler, A.-K., Ortiz Riomalo, J.-F., Janke, M., Engel, S. 2021. Structuring communication effectively for environmental cooperation. *Environmental and Resource Economics*. <https://doi.org/10.1007/s10640-021-00552-2>. Available as working paper under <http://hdl.handle.net/10419/213607> and <http://ssrn.com/abstract=3533910>
- Kössler, A.-K., Engel, S. 2021. Policies as information carriers: how environmental policies may change beliefs and consequent behavior. *International Review of Environmental and Resource Economics* 15(1). Online first. <http://dx.doi.org/10.1561/101.00000123>

d) Papers under review

- Ferré, M., Engel, S., Gsottbauer, E. External validity of experiments to improve the design of agri-environmental schemes. Revise and resubmit at *Journal of Agricultural Economics*.
- Gsottbauer, E., Engel, S., Wätzold, F., Drechsler, M. Coordination and Inequalities in Agglomeration Payments: An Experimental Analysis. Submitted to *Environmental and Resource Economics*.
- Lliso, B., Arias Arevalo, P., Maca Millán, S., Pascual, U., Engel, S. Motivational crowding effects in payments for ecosystem services under alternative value frames: Instrumental versus relational values. Revise and resubmit at to *People and Nature*.

Ortíz-Riomalo, J. F., Koessler, A.-K., Engel, S. Inducing perspective-taking for prosocial behaviour in watershed management. Revise and resubmit at *Journal of Environmental Economics and Management*.

Vorlaufer, T., de Laat, J., Engel, S. Do PES affect forest access and social preferences in the long-run? Randomized evidence from Uganda. Submitted to *World Development*.

e) Working/Conference papers

Ferré, M., Engel, S., Gsottbauer, E. Incentives for sustainable land use considering cost heterogeneity among land users: Results from a framed laboratory experiment.

Javaid, A., Engel, S., Schlüter, A. Heterogeneous effects of introducing subgroup incentives & social heterogeneity in common-pool resource settings. Submitted to *Journal of Environmental Economics and Management*. Rejected. Being revised.

Kouakou, A.-G., Gsottbauer, E., Engel, S. How competitive are you? - An experimental study on self-selection in auctions for conservation contracts.

Thomas, F., Engel, S. Understanding Farmer Self-Identities and Pro-Environmental Behavior: An Experimental Approach and Cluster Analysis.