

Appendix V

Publications relevant to German-IIASA collaborations (2008-2015)

The publication list contains only publications authored by IIASA-affiliated researchers and:

1. About Germany, or
2. the IIASA author is a German national, or
3. the IIASA author has collaborated with a researcher based at a German institute

2016

1. Deppermann, A., Offermann, F., Puttkammer, J., Grethe, H. EU biofuel policies: Income effects and lobbying decisions in the German agricultural sector (2016) *Renewable Energy*, 87, pp. 259-265.

2015

2. Ahlqvist O, Varanka D, Fritz S & Janowicz K (Eds.) (2015). *Land Use Cover and Land Cover Semantics. Principles, Best Practices, and Prospects*. CRC Press, Boca Raton, USA [August 2015].
3. Amann M, Bertok I, Borken-Kleefeld J, Cofala J, Heyes C, Hoeglund-Isaksson L, Kiesewetter G, Klimont Z, Schoepp W, Vellinga N & Winiwarter W (2015). Adjusted historic emission data, projections, and optimized emission reduction targets for 2030 - a comparison with COM data 2013. Part A: Results for EU-28. *TSAP Report 16A*, V1.1, DG-Environment of the European Commission, Belgium (2015).
4. Amann M, Bertok I, Borken-Kleefeld J, Cofala J, Heyes C, Hoeglund-Isaksson L, Kiesewetter G, Klimont Z, Schoepp W, Vellinga N & Winiwarter W (2015). Adjusted historic emission data, projections, and optimized emission reduction targets for 2030-a comparison with COM data 2013. Part B: Results for Member States. *TSAP Report 16B*, V1.1, DG-Environment of the European Commission, Belgium (2015).
5. Banzhaf, S., Schaap, M., Kranenburg, R., Manders, A.M.M., Segers, A.J., Visschedijk, A.J.H., Van Der Gon, H.A.C.D., Kuenen, J.J.P., Van Meijgaard, E., Van Ulft, L.H., Cofala, J., Builtjes, P.J.H. Dynamic model evaluation for secondary inorganic aerosol and its precursors over Europe between 1990 and 2009 (2015) *Geoscientific Model Development*, 8 (4), pp. 1047-1070.
6. Barakat B (2015). A 'recipe for depopulation'? School closures and local population decline in Saxony. *Population, Space and Place*, 21(8):735-753 [November 2015] (Published online 6 May 2014).

7. Bauer, N., Bosetti, V., Hamdi-Cherif, M., Kitous, A., McCollum, D., Méjean, A., Rao, S., Turton, H., Paroussos, L., Ashina, S., Calvin, K., Wada, K., van Vuuren, D. CO2 emission mitigation and fossil fuel markets: Dynamic and international aspects of climate policies (2015) *Technological Forecasting and Social Change*, 90 (PA), pp. 243-256.
8. Berkhout, F., Bouwer, L.M., Bayer, J., Bouzid, M., Cabeza, M., Hanger, S., Hof, A., Hunter, P., Meller, L., Patt, A., Pfluger, B., Rayner, T., Reichardt, K., van Teeffelen, A. European policy responses to climate change: progress on mainstreaming emissions reduction and adaptation (2015) *Regional Environmental Change*, 15 (6), pp. 949-959.
9. Bertram, C., Johnson, N., Luderer, G., Riahi, K., Isaac, M., Eom, J. Carbon lock-in through capital stock inertia associated with weak near-term climate policies (2015) *Technological Forecasting and Social Change*, 90 (PA), pp. 62-72.
10. Birkmann J & Mechler R (2015). Editorial - Advancing climate adaptation and risk management. New insights, concepts and approaches: what have we learned from the SREX and the AR5 processes? *Climatic Change*, 133(1):1-6 [November 2015] (Published online 5 October 2015).
11. Borken-Kleefeld J & Chen Y (2015). New emission deterioration rates for gasoline cars - Results from long-term measurements. *Atmospheric Environment*, 101:58-64 (January 2015)(Published online 7 November 2014).
12. Burkhard, B., Fath, B.D., Jørgensen, S.E., Larry Li, B. Use of ecological indicators in models (2015) *Ecological Modelling*, 295, pp. 1-4.
13. Chen, C., Hagemann, S., Liu, J. Assessment of impact of climate change on the blue and green water resources in large river basins in China (2015) *Environmental Earth Sciences*, 74 (8), pp. 6381-6394.
14. Chen X, Sasaki T, Brannstrom A & Dieckmann U (2015). First carrot, then stick: how the adaptive hybridization of incentives promotes cooperation. *Interface*, 12(102):20140935 (January 2015) (Published online 3 December 2014).
15. Cofala J, Bertok I, Borken-Kleefeld J, Heyes C, Kiesewetter G, Klimont Z, Purohit P, Rafaj P, Sander R, Schoepp W & Amann M (2015). Implications of energy trajectories from the World Energy Outlook for 2015 for India's air pollution. *Final Report* submitted to the International Energy Agency, Paris, France [September 2015].
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17. Dieckhoff, M., Gash, V., Steiber, N. Measuring the effect of institutional change on gender inequality in the labour market (2015) *Research in Social Stratification and Mobility*, 39, pp. 59-75.
18. Eckhardt, S., Quennehen, B., Olivie, D.J.L., Berntsen, T.K., Cherian, R., Christensen, J.H., Collins, W., Crepinsek, S., Daskalakis, N., Flanner, M., Herber, A., Heyes, C., Hodnebrog, Ø., Huang, L., Kanakidou, M., Klimont, Z., Langner, J., Law, K.S., Lund, M.T., Mahmood, R., Massling, A., Myriokefalitakis, S., Nielsen, I.E., Nøjgaard, J.K., Quaas, J., Quinn, P.K., Raut, J.-C., Rumbold, S.T., Schulz, M., Sharma, S., Skeie, R.B., Skov, H., Uttal, T., Von Salzen, K., Stohl, A. Current model capabilities for

simulating black carbon and sulfate concentrations in the Arctic atmosphere: A multi-model evaluation using a comprehensive measurement data set (2015) *Atmospheric Chemistry and Physics*, 15 (16), pp. 9413-9433.

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29. Fuss S, Kraxner F, Aoki K, Kindermann G, Schepaschenko D & Shvidenko A (2015). Negative emissions from boreal forests . BECCS potentials and economic implications. *Abstracts of the 17th IBFRA Conference, Towards a New Era of Forest Science in the Boreal Region, 24-29 May 2015, Ravaniemi, Finland* p.22 (May 2015).
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35. Hochrainer-Stigler S, Mechler R & Mochizuki J (2015). A risk management tool for tackling country-wide contingent disasters: A case study on Madagascar. *Environmental Modelling & Software*, 72:44-55(October 2015).
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41. Johnson N, Krey V, McCollum DL, Rao S, Riahi K & Rogelj J (2015). Stranded on a low-carbon planet: Implications of climate policy for the phase-out of coal-based power plants. *Technological Forecasting and Social Change*, 90(Part.A):89-102 (January 2015) (Published online 29 March 2014).
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