

PUBLICATIONS

EDITORSHIPS OF JOURNALS

since 2019	Member of the Editorial Board " Perspektiven der Wirtschaftspolitik " (Perspectives in Economic Policy) published by the association of German economists
since 2018	Associate Editor of the Journal " Resource and Energy Economics "
since 2017	Member of the Editorial Board of the Journal " The Energy Journal "
since 2016	Member of the Editorial Board of the Journal " Climate Policy "

EDITORSHIPS OF JOURNAL SPECIAL ISSUES

1. Emissions trading systems for global low carbon energy and economic transformation, Editor of the Special Issue of **Applied Energy** (with X. Zhang, J. Lewis, D. Zhang), 2020.
2. Energy Demand in Emerging and Developing Economies: Measurement, Policy Interventions and Evaluation, Editor of the Special Issue of **China Economic Review** (with C. Wei, S. Managi), 63, 2020
3. Recent Advances in the Economic Analysis of Energy Demand – Insights for Industries and Households, Editor of the Special Issue of **Resource and Energy Economics** (with Shunsuke Managi), 56, 2019.
4. Low-Carbon Transitions, Editor of the Special Issue of **Energy Economics** (SCCI) (with C. de Miguel, M. Filippini and X. Labandeira, J. Labeaga), 84 (Supplement 1), 2019
5. Facing the Energy Transition , Editor of the Special Issue of **Economics of Energy & Environmental Policy** (with M.T. Costa-Campi and E. Trujillo-Baute), 8(2), 2019.
6. Frontiers in the Economics of Energy, Editor of the Special Issue of **Energy Economics** (with C. de Miguel, M. Filippini and X. Labandeira), 68, Supplement 1, 2017.
7. Frontiers in the Economics of Energy Efficiency, Editor of the Special Issue of **Energy Economics** (with C. de Miguel and X. Labandeira) 52 (Supplement 1), 2015.
8. The rise of emissions trading in Asia, Editor of the Special Issue of **Energy Policy** (with F. Jotzo) 75, 2014.
9. New Directions in the Voluntary Provision of Public Goods, Editor of the Special Issue of **Economica** (with D. Rübbelke), 81(322), 2014.
10. Energy Security - Concepts and Indicators, Editor of the Special Issue of **Energy Policy** (with U. Moslener and D. Rübbelke), 38(4), 2010.

ARTICLES IN JOURNALS OF THE (SOCIAL) SCIENCES CITATION INDEX (SSCI)

1. The changing role of global value chains in decoupling economic growth from CO₂ emissions in 2000-2014 (with D. Zhang, H. Wang and P. Zhou), **Energy Economics** (conditionally accepted).
2. The rebound effect representation in climate and energy models (with G. Colmenares and R. Madlener), **Environmental Research Letters** (conditionally accepted).
3. The demand for global and local environmental protection – experimental evidence from climate change mitigation in Beijing (with B. Sturm, J. Pei, W. Ran, W. Buchholz and Z. Zhao), **Land Economics** (forthcoming).
4. Negotiating Weights for Burden Sharing Rules in International Climate Negotiations: An Empirical Analysis (with M. Kesternich and A. Ziegler), **Environmental Economics and Policy Studies** (forthcoming).
5. The future of coal in a carbon-constrained climate (with M. Jakob, C. Steckel, F. Jotzo, B. Sovacool, L. Cornelsen, R. Chandra, O. Edenhofer, C. Holden, T. Nace, N. Robins, J. Suedekum and J. Urpelainen), **Nature Climate Change**, 10, 704–707 (2020).
6. Recent advances in energy demand research in China (mit C. Wei und S. Managi), **China Economic Review**, 63, 1-6 (2020).
7. Low-carbon Transitions: Economics and Policy– Editorial (mit C. de Miguel, M. Filippini, X. Labandeira und J. Labeaga), **Energy Economics**, 84 (Suppl. 1), 1-3 (2019)
8. Conditional cooperation in the case of a global public good - experimental evidence from climate change mitigation in Beijing (with W. Ran, J. Pei, B. Sturm and Z. Zhao), **China Economic Review**, 56, 101308 (2019).

9. Do voluntary environmental programs reduce emissions? EMAS in the German manufacturing sector (with R. Kube, K.v. Graevenitz and P. Massier), **Energy Economics**, 84, 1-12 (2019).
10. Interdisciplinary synthesis report on the coal phaseout. The Kopernikus project ENavi informs the German coal commission (with M. Pahle et al.), **GAIA**, 28(1), 61-62, 2019.
11. Facing the Energy Transition - An Introduction (with M.T. Costa-Campi and E. Trujillo-Baute), **Economics of Energy & Environmental Policy**, 8(2), 1-6, 2019.
12. The European Union energy transition: key priorities for the next five years (with S. Tagliapietra, G. Zachmann, O. Edenhofer, J.M. Glachant and P. Linares), **Energy Policy**, 132, 950-954, 2019.
13. The Impacts of the EU ETS on Efficiency - An Empirical Analyses for German Manufacturing Firms (with B. Lutz and S. Managi), **Resource and Energy Economics**, 56, 71-95, 2019.
14. Recent Advances in Energy Demand Analysis – Insights for Industry and Households (with S. Managi), **Resource and Energy Economics**, 56, 1-5, 2019.
15. Processing trade, foreign outsourcing and carbon emissions in China (with J. Pei, J. Xue, G. Peters, Z. Zhao and Q. Chen), **Structural Change and Economic Dynamics**, 49, 1-12, 2019.
16. The Impact of a Feed-In Tariff on Wind Power Development in Germany (with C. Hitaj), **Resource and Energy Economics**, 57, 18-35, 2019.
17. Research trends in environmental and resource economics: Insights from four decades of JEEM (with R. Kube, H. Mertens und T. Requate), **Journal of Environmental Economics and Management**, 92, 433-464, 2018.
18. Reducing CO2 from Cars in the European Union (with S. Paltsev, Y.-H. Chen, V. Karplus, P. Kishimoto, J. Reilly, K. von Graevenitz and S. Koesler), **Transportation**, 45(2), 573-595, 2018.
19. China's emissions trading takes steps toward big ambitions (with F. Jotzo, V. Karplus, M. Grubb, K. Neuhoff, L. Wu, F. Teng), **Nature Climate Change**, 8(4), 265-267, 2018.
20. On the Effects of Unilateral Environmental Policy on Offshoring in Multi-Stage Production Processes (with O. Schenker and S. Koesler), **Canadian Journal of Economics**, 51(4), 2018.
21. Establishing an expert advisory commission to assist the G20's energy transformation processes (with P. Großkurth et al.), **Economics E-Journal**, 12, 1–12, 2018.
22. Define limits for temperature overshoot targets (with O. Geden), **Nature Geoscience**, 10, 881-882, 2017.
23. The Effect of Globalisation on Energy Footprints: Disentangling the Links of Global Value Chains (with O. Kaltenecker and F. Pothen), **Energy Economics**, 68(S1), 148-168, 2017.
24. Informing the Transitions towards Low-carbon Societies – Editorial, **Energy Economics** (with C. de Miguel, M. Filippini and X. Labandeira), 68 (Suppl. 1), 1-3, 2017.
25. Casting Light on Energy Efficiency – Evidence on Consumer Inattention and Imperfect Information (mit M. Rodemeier und R. Kube), **Applied Economics Letters**, 24(21), 1575–1587, 2017.
26. Improving Voluntary Public Good Provision through a Non-Governmental, Endogenous Matching Mechanism: Experimental Evidence" (with C. Reif and D. Rübhelke), **Environmental and Resource Economics**, 67, 559–589, 2017.
27. Revealed preferences for voluntary climate change mitigation when the purely individual perspective is relaxed – evidence from a framed field experiment (with B. Sturm and R. Uehleke), **Journal of Behavioral and Experimental Economics**, 67, 149-160, 2017.
28. Energy Costs in Germany and Europe: An Assessment Based on a (Total Real Unit) Energy Cost Accounting Framework (with O. Kaltenecker, M. Baikowski and J. Lingens), **Energy Policy**, 104, 419-430, 2017.
29. The long-term impact of matching and rebate subsidies when public goods are impure: Field experimental evidence from carbon offsetting market (with M. Kesternich and D. Römer), **Journal of Public Economics**, 137, 70-78, 2016.
30. Pro-Environmental Households and Energy Efficiency in Spain (with A. Ramos and X. Labandeira), **Environmental and Resource Economics**, 63, 367–393, 2016.
31. Peeling the onion: Analyzing aggregate, national and sectoral energy intensity in the European Union (with F. Pothen and M. Schymura), **Energy Economics** 52 (Suppl. 1), S63-S75, 2015.
32. Frontiers in the economics of energy efficiency (with C. de Miguel and X. Labandeira), **Energy Economics** 52 (Suppl. 1), S1-S4, 2015.
33. Do Chinese individuals believe in climate change and why? An econometric analysis (with J. Dai, M. Kesternich and A. Ziegler, **Ecological Economics** 116, 310-321, 2015.
34. Invention in Energy Technologies: Comparing Energy Efficiency and Renewable Energy Inventions at the Firm Level, (with S. Rexhäuser), **Energy Policy** 83, 206-217, 2015.
35. On the Provision of Public Goods with Probabilistic and Ambiguous Thresholds (with A. Dannenberg, G. Paolacci, C. Reif and A. Tavoni), **Environmental and Resource Economics**, 61(3), 365-383, 2015.
36. Energy-saving and emission-abatement potential of Chinese coal-fired power enterprise: a non-parametric analysis (with C. Wei and B. Liu), **Energy Economics**, **Energy Economics** 49, 33–43, 2015
37. Emissions trading in China: emerging experiences & international lessons (with F. Jotzo), **Energy Policy**, 2014.
38. Designing an EU Energy and Climate Policy Portfolio for 2030: Implications of Overlapping Regulation under Different Levels of Electricity Demand (with F. Flues, B. Lutz und O. Schenker), **Energy Policy** 75, 91-99, 2014

39. Designing an Emissions Trading Scheme for China - An Up-to-date Climate Policy Assessment (with M. Hübler and S. Voigt), **Energy Policy** 75, 57-72, 2014.
40. The voluntary provision of international public goods – an overview (with D. Rübhelke), **Economica**, 81(322), 195-204, 2014.
41. The New IPCC Scenarios: What Does the Two-Degree Target Cost? - Die neuen Szenarien des IPCC: Was kostet das Zwei-Grad-Ziel?, **GAIA** 23/2, 73, 2014.
42. Incidence and Extent of Co-Authorship in Environmental and Resource Economics: Evidence from the Journal of Environmental Economics and Management (with M. Schymura), **Scientometrics**, 99, 631-661, 2014.
43. Did Fukushima Matter? Empirical Evidence of the Demand for Climate Protection in Germany (with C. Gallier and B. Sturm), **Applied Economics Letters**, 21(12), 846-851, 2014.
44. An empirical analysis of the CO₂ shadow price in Chinese thermal power enterprises (with C. Wei and B. Liu), **Energy Economics**, 40, 22-31, 2013.
45. The Demand for Climate Protection - Empirical Evidence from Germany (with B. Sturm und C. Vogt), **Economics Letters**, 415–418, 2013.
46. The EU decarbonisation roadmap 2050: What way to walk? (with M. Hübler), **Energy Policy**, 55, 190–207, 2013.
47. A new robustness analysis for climate policy evaluations: A CGE Application for the EU 2020 Targets (with C. Hermeling und T. Mennel), **Energy Policy**, 55, 27-35, 2013.
48. The Value-Added of Sectoral Disaggregation: Implications on Competitive Consequences of Climate Change Policies (with V. Alexeeva, C. Böhringer und Sebastian Voigt), **Energy Economics**, S127-S142, 2012.
49. Inequality, Communication and the Avoidance of Disastrous Climate Change (with A. Tavoni, A. Dannenberg and G. Kallis), **Proceedings of the National Academy of Sciences (PNAS)**, 108(29), 11825-11829, 2011.
50. On the Self-interested Use of Equity in International Climate Negotiations (with Andreas Lange, Carsten Vogt and Andreas Ziegler), **European Economic Review**, 54(3), 359-375, 2010
51. Auctioning of CO₂ Emission Allowances in Phase 3 of the EU Emissions Trading Scheme (with E. Benz and B. Sturm), **Climate Policy**, 10 (2010), 705–718.
52. Paying the Piper and Calling the Tune? A Meta-Regression Analysis of the Double-Dividend Hypothesis (with N. Anger und C. Böhringer), **Ecological Economics**, 69(7), 1495-1502, 2010.
53. Indicators of Energy Security in Industrialised Countries (with U. Moslener and D. Rübhelke), **Energy Policy**, 38(4), 1665-1671, 2010.
54. Energy security—concepts and indicators - Editorial (with U. Moslener and D. Rübhelke), **Energy Policy**, 38(4), 1607-1608, 2010.
55. EU Climate Policy Up to 2020: An Economic Impact Assessment (with C. Böhringer, U. Moslener and T. F. Rutherford), **Energy Economics**, 31(S2), 295-305, 2009.
56. Oil and Unemployment in Germany (with U. Oberndorfer), **Jahrbücher für Nationalökonomie und Statistik**, 229(2+3), 146-162, 2009.
57. Technological Uncertainty and Cost-Effectiveness of CO₂ Emission Reduction (with V. Otto), **Energy Economics**, SUPPL 1, 4-17, 2009.
58. A Symmetric Input-Output Table for EU 27: Latest Progress (with J. Rueda-Cantuche, J. Beutel, F. Neuwahl and I. Mongelli), **Economic Systems Research**, 21(1), 59-79, 2009.
59. Environmental Taxation and Induced Structural Change in an Open Economy: The Role of Market Structure (with C. Böhringer and H. Welsch), **German Economic Review**, 9(1), 17-40, 2008.
60. Employment impacts of EU biofuels policy: combining BU technology information and sectoral market simulations in an IO framework (with F. Neuwahl, I. Mongelli, L. Delgado), **Ecological Economics**, 447-460, 2008.
61. Directed technical change and differentiation of climate policy (with V.M. Otto and J. Reilly), **Energy Economics**, 30 (6), 2855-2878, 2008.
62. Extending Working Hours: Why not work 42 Hours rather than 38? – A CGE Analysis for Germany (with K. Conrad and H. Koschel), **Empirica**, 35, 255-266, 2008.
63. Climate Policy Induced Investments in Developing Countries: The Implications of Investment Risks (with C. Böhringer), **The World Economy**, 31(3), 367-392, 2008.
64. Energy Biased Technical Change - A CGE Analysis (with V. Otto and R. Dellink), **Resource and Energy Economics**, 29(2), 137-158, 2007.
65. Decomposing Integrated Assessment of Climate Change: Methodology and Sample Application (with C. Böhringer and T. F. Rutherford), **Journal of Economic Dynamics and Control**, 31(2), 683-702, 2007.
66. Promoting Renewable Energy in Europe – A Hybrid CGE Approach (with C. Böhringer), **The Energy Journal**, Hybrid Modelling of Energy-Environment Policies: Reconciling Bottom-up and Top-down, 123 – 138, 2006.
67. Computable General Equilibrium Models for Sustainability Impact Assessment: Status Quo and Prospects (with C. Böhringer), **Ecological Economics**, 60(1), 49-64, 2006.
68. Efficiency Gains from “What”-Flexibility in Climate Policy - An Integrated CGE Assessment (with C. Böhringer and T. F. Rutherford), **The Energy Journal**, Multi-Greenhouse Gas Mitigation and Climate Policy, 405-424, 2006.

69. Recycling of Eco-Taxes, Labor Market Effects and the True Cost of Labor- A CGE Analysis (with K. Conrad), **Journal of Applied Economics**, 8(2), 259-278, 2005.
70. Climate Policy Beyond Kyoto: Quo Vadis? A Computable General Equilibrium Analysis based on Expert Judgements (with C. Böhringer), **Kyklos**, 58(4), 467-493, 2005.
71. Assessing Emission Allocation in Europe: An Interactive Simulation Approach (with C. Böhringer, T. Hoffmann, A. Lange and U. Moslener), **The Energy Journal**, 26(4), 1-22, 2005.
72. Market Power and Hot Air in International Emission Trading: The Impacts of U.S. Withdrawal from the Kyoto Protocol (with C. Böhringer), **Applied Economics**, 35(6), 651-664, 2003.
73. Carbon Taxes and Joint Implementation - An Applied General Equilibrium Analysis for Germany and India (with C. Böhringer and K. Conrad), **Environmental and Resource Economics**, 24(1), 49-76, 2003.
74. Assessing the Costs of Compliance: The Kyoto Protocol (with C. Böhringer), in: European Environment (now: **Environmental Policy and Governance**), 12(1), 1-16, 2002.
75. Technological Change in Economic Models of Environmental Policy: A Survey, **Ecological Economics**, 43(2-3), 105-126, 2002.
76. The Economic and Environmental Implications of the US Repudiation of the Kyoto Protocol and the Subsequent Deals in Bonn and Marrakech (with Z.X. Zhang), **Review of World Economics**, 138(4), 711-746, 2002.

Münster, October 2020