

## SCIENTIFIC PUBLICATIONS

### EDITORSHIPS OF JOURNALS

---

since 2018	Co-Editor of the Journal " <b>Resource and Energy Economics</b> "
since 2017	Member of the Editorial Board of the Journal " <b>The Energy Journal</b> "
since 2016	Member of the Editorial Board of the Journal " <b>Climate Policy</b> "
since 2013	Member of the Scientific Board of the Journal " <b>et Energiewirtschaftliche Tagesfragen</b> "
since 2013	Co-Editor of the E-Journal " <b>Economics</b> "

### EDITORSHIPS OF JOURNAL SPECIAL ISSUES

---

1. 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), ongoing.
2. 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), ongoing.
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) (ongoing)
4. 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.
5. 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.
6. The rise of emissions trading in Asia, Editor of the Special Issue of **Energy Policy** (with F. Jotzo) 75, 2014.
7. New Directions in the Voluntary Provision of Public Goods, Editor of the Special Issue of **Economica** (with D. Rübbelke), 81(322), 2014.
8. 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)

---

9. The Impact of a Feed-In Tariff on Wind Power Development in Germany (with C. Hitaj), **Resource and Energy Economics** (forthcoming).
10. The Impacts of the EU ETS on Efficiency - An Empirical Analyses for German Manufacturing Firms (with B. Lutz und S. Managi), **Resource and Energy Economics** (forthcoming).
11. 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.
12. Reducing CO<sub>2</sub> 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.
13. 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.
14. 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.
15. 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.
16. Define limits for temperature overshoot targets (with O. Geden), **Nature Geoscience**, 10, 881-882, 2017.
17. 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.
18. 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.
19. 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.
20. Improving Voluntary Public Good Provision through a Non-Governmental, Endogenous Matching Mechanism: Experimental Evidence" (with C. Reif and D. Rübbelke), **Environmental and Resource Economics**, 67, 559–589, 2017.

21. 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.
22. 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. Lingers), **Energy Policy**, 104, 419-430, 2017.
23. 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.
24. Pro-Environmental Households and Energy Efficiency in Spain (with A. Ramos and X. Labandeira), **Environmental and Resource Economics**, 63, 367–393, 2016.
25. 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.
26. Frontiers in the economics of energy efficiency (with C. de Miguel and X. Labandeira), **Energy Economics** 52 (Suppl. 1), S1-S4, 2015.
27. 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.
28. Invention in Energy Technologies: Comparing Energy Efficiency and Renewable Energy Inventions at the Firm Level, (with S. Rexhäuser), **Energy Policy** 83, 206-217, 2015.
29. 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.
30. 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
31. Emissions trading in China: emerging experiences & international lessons (with F. Jotzo), **Energy Policy**, 2014.
32. 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
33. 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.
34. The voluntary provision of international public goods – an overview (with D. Rübhelke), **Economica**, 81(322), 195-204, 2014.
35. 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.
36. 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.
37. 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.
38. An empirical analysis of the CO<sub>2</sub> shadow price in Chinese thermal power enterprises (with C. Wei and B. Liu), **Energy Economics**, 40, 22-31, 2013.
39. The Demand for Climate Protection - Empirical Evidence from Germany (with B. Sturm und C. Vogt), **Economics Letters**, 415–418, 2013.
40. The EU decarbonisation roadmap 2050: What way to walk? (with M. Hübler), **Energy Policy**, 55, 190–207, 2013.
41. 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.
42. 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.
43. 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.
44. 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
45. Auctioning of CO<sub>2</sub> Emission Allowances in Phase 3 of the EU Emissions Trading Scheme (with E. Benz and B. Sturm), **Climate Policy**, 10 (2010), 705–718.
46. 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.
47. Indicators of Energy Security in Industrialised Countries (with U. Moslener and D. Rübhelke), **Energy Policy**, 38(4), 1665-1671, 2010.
48. Energy security—concepts and indicators - Editorial (with U. Moslener and D. Rübhelke), **Energy Policy**, 38(4), 1607-1608, 2010.
49. 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.
50. Oil and Unemployment in Germany (with U. Oberndorfer), **Jahrbücher für Nationalökonomie und Statistik**, 229(2+3), 146-162, 2009.

51. Technological Uncertainty and Cost-Effectiveness of CO<sub>2</sub> Emission Reduction (with V. Otto), **Energy Economics**, SUPPL 1, 4-17, 2009.
52. 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.
53. 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.
54. 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.
55. Directed technical change and differentiation of climate policy (with V.M. Otto and J. Reilly), **Energy Economics**, 30 (6), 2855-2878, 2008.
56. 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.
57. Climate Policy Induced Investments in Developing Countries: The Implications of Investment Risks (with C. Böhringer), **The World Economy**, 31(3), 367-392, 2008.
58. Energy Biased Technical Change - A CGE Analysis (with V. Otto and R. Dellink), **Resource and Energy Economics**, 29(2), 137-158, 2007.
59. 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.
60. 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.
61. Computable General Equilibrium Models for Sustainability Impact Assessment: Status Quo and Prospects (with C. Böhringer), **Ecological Economics**, 60(1), 49-64, 2006.
62. 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.
63. 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.
64. Climate Policy Beyond Kyoto: Quo Vadis? A Computable General Equilibrium Analysis based on Expert Judgements (with C. Böhringer), **Kyklos**, 58(4), 467-493, 2005.
65. 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.
66. 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.
67. 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.
68. Technological Change in Economic Models of Environmental Policy: A Survey, **Ecological Economics**, 43(2-3), 105-126, 2002.
69. 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.

#### ARTICLES IN OTHER JOURNALS

70. Klimaziel 2020 verfehlt: Zeit für eine Neuausrichtung der Klimapolitik? (with O. Kaltenecker), **ifo Schnelldienst**, 71(2), 14–17, 2018.
71. Stand der Energiewende und wichtige Handlungsfelder (with G. Erdmann, F. Staiß and H. Ziesing), **et – Energiewirtschaftliche Tagesfragen**, 67(12), 34–39, 2017.
72. Smart Energy zur Flexibilisierung und Senkung des Energieverbrauchs – Handlungsoptionen und offene Fragen (with M. Werthschulte), **Energiewirtschaftliche Tagesfragen** 8, 19-23, 2017.
73. Wie weiter mit dem Kohleausstieg, **Energie - Markt – Wettbewerb**, 5/16, 2, 2016.
74. The German Energy Transition – Status Quo and Perspectives, **Papeles de Energía** 1, 175-196, 2016
75. The Role of Indirect Energy Costs for the Manufacturing Sector [Die Rolle der indirekten Energiekosten im deutschen Produzierenden Gewerbe] (with M. Baikowski and O. Kaltenecker), **Wirtschaftsdienst** 95(12), 2015.
76. Costs of the Energy Transition, Competitiveness and Energy Poverty [Kosten der Energiewende, Wettbewerbsfähigkeit und Energiearmut], **Jahrbuch für Christliche Sozialwissenschaften** 56, 49-59, 2015.
77. Expectations for the Climate Conference in Paris [Erwartungen an die Weltklimakonferenz in Paris], **Wirtschaftsdienst** 95(11), 735-738, 2015.
78. An Efficient Steering Tax Must be Simple [Eine effiziente Lenkungsabgabe muss schlicht bleiben], **Die Volkswirtschaft** 6/2015, 40-43, 2015.
79. Does Germany Need Capacity Payments for a Secure Electricity Supply? [Braucht Deutschland jetzt Kapazitätzahlungen für eine gesicherte Stromversorgung] (with P. Lehmann, R. Brandt, E. Gawel, S. Heim, K.

- Korte, P. Massier, M. Reeg, D. Schober and S. Wassermann), **Energiewirtschaftliche Tagesfragen** 65 (1/2), 26-31, 2015
80. Energy Unit Cost as an Indicator for Industrial Competitiveness [Energienstückkosten als Indikator für Wettbewerbsfähigkeit] (mit R. Germeshausen), **Wirtschaftsdienst** 95(1), 46-50, 2015.
  81. Capacity payments to secure electricity supply? On the future of Germany's power market design (with P. Lehmann, R. Brandt, E. Gawel, S. Heim, K. Korte, P. Massier, M. Reeg, D. Schober and S. Wassermann), **Energy, Sustainability and Society** 5(15), 2015.
  82. Short Comment, **Wirtschaftsdienst** 94 (12), 844-846, 2014.
  83. Ist die Energiewende sozial gerecht? (with P. Heindl and R. Schüßler), **Wirtschaftsdienst** 94(7), 508-514, 2014
  84. Die Zukunft der Energiewende in Deutschland (with E. Gawel, P. Lehmann, K. Korte, S. Strunz, J. Bovet, W. Köck, P. Massier, D. Schober, D. Ohlhorst, K. Tews, M. Schreurs, M. Reeg and S. Wassermann), **Zeitschrift für Umweltrecht (ZUR)**, 4/2014, 219-225, 2014.
  85. Die Zukunft der Energiewende in Deutschland (with E. Gawel, P. Lehmann, K. Korte, S. Strunz, J. Bovet, W. Köck, P. Massier, D. Schober, D. Ohlhorst, K. Tews, M. Schreurs, M. Reeg and S. Wassermann), **et - Energiewirtschaftliche Tagesfragen** 04/2014, 37-44, 2014.
  86. The future of the energy transition in Germany (with E. Gawel, P. Lehmann, K. Korte, S. Strunz, J. Bovet, W. Köck, P. Massier, D. Schober, D. Ohlhorst, K. Tews, M. Schreurs, M. Reeg and S. Wassermann), **Energy, Sustainability and Society** 4:15, 1-9, 2014.
  87. Der deutsche Strommarkt im Umbruch: Zur Notwendigkeit einer Marktordnung aus einem Guss (with F. Flues, F. Pothen and P. Massier), **Wirtschaftsdienst**, 93(11), 778-784, 2013.
  88. Den Strommarkt an die Wirklichkeit anpassen – Skizze einer neuen Marktordnung (with F. Flues, F. Pothen and P. Massier), **et - Energiewirtschaftliche Tagesfragen**, 04/2013, 22-24.
  89. Perspectives on the Future of Unconventional Gas in Europe – Insights from the ZEW Energy Market Barometer (with F. Flues, P. Massier and N. Wölfling), **IAEE Energy Forum**, Third Quarter 2013, 36-38.
  90. Die Versorgungssicherheit seit 2009: Ein Stimmungsbild (with F. Flues, P. Massier and N. Wölfling), **et - Energiewirtschaftliche Tagesfragen**, 04/2013, 22-24, 2013.
  91. Trade and the Environment: An Application of the WIOD Database (with S. Rexhäuser and M. Schymura), **Chinese Journal of Population Resources and Environment**, 11, 51-61, 2013.
  92. Das Erneuerbare-Energien-Gesetz in der Diskussion (with F. Flues and P. Heindl), **Wirtschaftsdienst**, 92(8), 515-519, 2012.
  93. Anreizwirkung des EU-Emissionshandels entfaltet sich nicht („Incentive Effects of the EU ETS?“) (mit K. Brockmann, B.J. Lutz und J. Schumacher), **Zeitschrift für Energie, Markt, Wettbewerb**, 5/2012, 2012.
  94. Weltklimakonferenz in Durban - Über Inhalte einigen wir uns später, **Wirtschaftsdienst** 91 (12), 806-807, 2011.
  95. Versteigerungserlöse aus CO2-Zertifikaten im Spannungsfeld zwischen Bund und Ländern (with Christiane Reif, Martin Kesternich, Simon Koesler, Daniel Osberghaus and Stefan Koriath), **Wirtschaftsdienst** 91 (10), 712-716, 2011
  96. Energiepolitik nach Fukushima, **Wirtschaftsdienst** 91 (5), 307-310, 2011
  97. Sind Umweltzölle ein geeignetes Instrument zur Ermöglichung fairen Wettbewerbs zwischen Ländern mit hohen und geringen Klimaschutzanforderungen? (“Are border taxes an appropriate instrument to achieve a fair competition between countries with different climate policy levels”), **Zeitschrift für Wirtschaftspolitik**, 59(2), 174-181, 2010.
  98. Die reale Zahlungsbereitschaft für Klimaschutz („The real WTO for climate protection“) (mit B. Sturm und C. Vogt), **Wirtschaftsdienst**, 90(11), 749-753, 2010.
  99. Linking von Emissionshandelssystemen – Chance für einen effizienten Klimaschutz? (“Linking emission trading systems – A chance for efficient climate policy“) (with P. Heindl), **Energiewirtschaftliche Tagesfragen**, 10 2010, 18-20, 2010.
  100. Energieprognose 2009 (“Energy forecast 2009“) (with U. Fahl, M. Blesl, A. Voß, B. Bruchof, T. Götz, R. Kober, R. Kuder, M. Frondel, P. Grösche, N. Ritter, M. Preistrup, T. Schmidt, C. Vance, T. Mennel, and N. Wölfling), **BWK - Das Energie-Fachmagazin**, 10-2010, 6-12, 2010.
  101. Steigerung der Energieeffizienz in Deutschland: Das neue Energieeffizienzgesetz [Increasing energy efficiency in Germany – The New Law on Energy Efficiency] (with T. Mennel), **Energie - Markt – Wettbewerb**, 5/10, 6-8, 2010.
  102. Energieprognose 2009: Die Entwicklung der Energiemärkte bis 2030 [Energy Forecast 2009. The Development of the Energy Markets until 2030] (with U. Fahl, M. Blesl, A. Voß, M. Frondel and T. Mennel), **Energiewirtschaftliche Tagesfragen**, 9 2010, 30-34, 2010.
  103. KfW/ZEW CO2 Panel: Vermeiden oder kaufen - Deutsche Unternehmen im Emissionshandel [Abate or buy – German companies under the EU ETS] (with P. Heindl, V. Lo, A. Detken and V. Alexeeva-Talebi), forthcoming in **Zeitschrift für Energiewirtschaft (ZfE)**, 1/2010, 39-46, 2010

104. Retailmarkt für Strom und Gas: Funktioniert der Wettbewerb? [Retail markets for electricity and gas – Is competition working?] (with T. Mennel and N. Wölfling), **Energiewirtschaftliche Tagesfragen**, 1/2 2010, 10-14, 2010
105. Impure Public Goods and Technological Interdependencies (with D. Rübhelke), **Journal of Economic Studies**, 36(6), 36(6), 596-615, 2009
106. Fairness in internationalen Klimaverhandlungen - Kommentar zu Christoph Böhringer und Heinz Welsch [Fairness in international climate negotiations], **Jahrbuch Ökologische Ökonomik** 6 (Diskurs Klimapolitik), 276-282, 2009
107. Ende der Energiewende? [End of the Energy Transition?] (with U. Moslener), **Internationale Politik** (IP), 64(6), 24-27, 2009.
108. Handel mit Emissionsrechten und Herkunftsnachweisen in Europa – Das “Klima- und Energiepaket“ (with U. Moslener), **Zeitschrift für Energiewirtschaft** (ZfE) 04|2008, 248-253, 2008.
109. Europäische Klimapolitik und Wettbewerbsfähigkeit (with V. Alexeeva-Talebi and T. Mennel), **Ökologisches Wirtschaften** 4.2008, 39-42, 2008.
110. Wegweiser für die „Bali-Roadmap“ - Ökonomische Konzepte für die Klimaverhandlungen nach Bali bis zur nächsten Klimakonferenz 2009 in Kopenhagen (with U. Moslener, K. Rennings and B. Sturm), in: **Wirtschaftsdienst**, 88(1), 28-30, 2008.
111. Regionale Klimaschutzprogramme – Zur integrierten Analyse von Kosten des Klimawandels und des Klimaschutzes auf regionaler Ebene (with U. Fahl, H. Koschel, B. Rühle and H. Wolf), **Vierteljahrshefte zur Wirtschaftsforschung** - Quarterly Journal of Economic Research, 74(2), 286-309, 2005.
112. Technological Change, Energy Consumption and the Costs of Environmental Policy in Energy-Economy-Environment Modelling, **International Journal of Energy Technology and Policy**, 2(3), 250-261, 2004.
113. Die Messung nachhaltiger Entwicklung mithilfe numerischer Gleichgewichtsmodelle (with C. Böhringer), in: **Vierteljahrshefte zur Wirtschaftsforschung** - Quarterly Journal of Economic Research, 72(1), 31-52, 2004.
114. Internationaler Emissionshandel nach In-Kraft-Treten des Kioto-Protokolls: Wichtige Rahmengröße für die nationale Klimaschutzpolitik (with C. Böhringer), in: **Zeitschrift für Umweltpolitik & Umweltrecht** (ZfU), 26(2), 129-144, 2003.
115. Assessing the Costs of Compliance: The Kyoto Protocol (with C. Böhringer), in: **European Environment**, 12(1), 1-16, 2002.

#### MONOGRAPHS AND BOOKS, EDITORSHIPS

116. Stellungnahme zum sechsten Monitoring-Bericht der Bundesregierung für das Berichtsjahr 2016, (with G. Erdmann, F. Staiß and H.-J. Ziesing), Berlin/Stuttgart/Münster, 2018.
117. Stellungnahme zum fünften Monitoring-Bericht der Bundesregierung für das Berichtsjahr 2015, (with G. Erdmann, F. Staiß and H.-J. Ziesing), Berlin/Stuttgart/Münster, 2016.
118. Analyse des Erfüllungsaufwands und der „One in one out“ Regel als Leitbilder der Politikgestaltung (with A. Vettori, D. Sutter, L. Porsch), Umweltforschungsplan des Bundesministeriums für Umwelt, Naturschutz, Bau und Reaktorsicherheit, TEXTE 50/2016, Umweltbundesamt, Dessau, 2016.
119. Stellungnahme zum vierten Monitoring-Bericht der Bundesregierung für das Berichtsjahr 2014, (with G. Erdmann, F. Staiß and H.-J. Ziesing), Berlin/Stuttgart/Münster, 2015.
120. Stellungnahme zum ersten Fortschrittsbericht der Bundesregierung für das Berichtsjahr 2013, (with G. Erdmann, F. Staiß and H.-J. Ziesing), Berlin/Stuttgart/Münster, 2014.
121. Stellungnahme zum zweiten Monitoring-Bericht der Bundesregierung für das Berichtsjahr 2012, (with G. Erdmann, F. Staiß and H.-J. Ziesing), Berlin/Stuttgart/Münster, 2014.
122. Stellungnahme zum ersten Monitoring-Bericht der Bundesregierung für das Berichtsjahr 2011, (with G. Erdmann, F. Staiß and H.-J. Ziesing), Berlin/Stuttgart/Münster, 2012.
123. KfW/ZEW CO<sub>2</sub> Barometer 2012, Anreizwirkung des EU-Emissionshandels auf Unternehmen gering – Klimapolitische Regulierung wenig relevant für Standortentscheidungen (with K.-L. Brockmann, P. Heindl, B. Lutz and J. Schumacher), KfW Bankengruppe, Frankfurt am Main, 2012.
124. KfW/ZEW CO<sub>2</sub> Barometer 2011, Hoher Anpassungsbedarf im EU-Emissionshandel ab 2013 – deutliche Defizite bei der Vorbereitung in den Unternehmen (with K.-L. Brockmann, P. Heindl, B. Lutz und J. Schumacher), KfW Bankengruppe, Frankfurt am Main, 2011.
125. 10-Punkte-Programm zur Energiepolitik (with F. Behrendt, K. Bogner, J. Bugl, H. Drück, G. Erdmann, G. Harms, J. Kunze, J.F. Lambert, W. Pfaffenberger, U. Potzel, O. Renn, M. Schreurs, and A. Voss), International Expert Group on Earth System Preservation (IESP), München, 2010
126. Entwicklung globaler Emission Reduction Credit Systems bei Fehlen eines internationalen Folgeabkommens für das Kioto-Protokoll (with P. Heindl, H. Koschel and S. Voigt), KfW Bankengruppe, Frankfurt am Main, 2010.
127. KfW/ZEW CO<sub>2</sub> Barometer 2010, Effizienzpotenziale des Emissionshandels noch nicht ausgeschöpft – Strategien und Management deutscher Unternehmen (with K. Kiehl, P. Heindl, V. Lo, H. Koschel and S. Koesler), KfW Bankengruppe, Frankfurt am Main, 2010.

128. The Fiscal Implications of Climate Change Adaptation (with C. Egenhofer, A. Behrens, A. Dannenberg, A. Georgiev, Peter S. Heller, J. Kremers, J. Mortensen, J. Nunez-Ferrer, D. Osberghaus, C. Reif and B. Sturm), European Commission - Economic and Financial Affairs, Brüssel, 2010.
129. Die Entwicklung der Energiemärkte bis 2030, Energieprognose 2009 (with U. Fahl, M. Blesl, M. Frondel, P. Grösche, T. Mennel and N. Wölfing), Essen, Mannheim, Stuttgart, 2009.
130. KfW/ZEW CO2 Barometer 2009, Leaving the Trial Phase behind – Preferences & Strategies of German Companies under the EU ETS (with A. Detken, V. Alexeeva-Talebi, P. Heindl, V. Lo and M. Strunz), KfW Bankengruppe, Frankfurt am Main, 2009.
131. The future of coal in electricity generation in Germany [Die Zukunft der Kohle in der Stromerzeugung in Deutschland], Friedrich-Ebert-Foundation, Energiepolitik\_1 | 2009.
132. Perspektiven der wirtschaftswissenschaftlichen Forschung zum Klimawandel (with M. Schymura), Bundesministerium für Bildung und Forschung (BMBF), Bonn, 2009.
133. The Role of Auctions for Emissions Trading (with K. Neuhoff, F. Matthes, R. Betz, S. Dröge, A. Johnston, M. Kudelko, S. Monjon, L. Mohr, M. Sato, W. Suwala), Climate Strategies, Cambridge, UK, 2009.
134. RES Trading as an Option, European Parliament's committee on Industry, research and energy, Briefing papers on „Opportunities for renewable energy development in Europe“, briefing on "RES Trading as an Option", IP/A/ITRE/WS/2008-02, 2008.
135. Climate Change Policy and Global Trade (ed. with C. Böhringer), Heidelberg: Physica Verlag, ZEW Economic Studies 26, 2004
136. Empirical Modeling of the Economy and the Environment (ed. with C. Böhringer), Heidelberg: Physica Verlag, ZEW Economic Studies 20, 2003
137. Economic Impacts of Climate Change Policy – A Quantitative Analysis, Dissertation, Mannheim University, Mannheim, 2003 (<http://bibserv7.bib.uni-mannheim.de/madoc/volltexte/2003/75/>)
138. Umweltsteuern, internationaler Wettbewerb und Beschäftigung in einem Simulationsmodell mit unvollkommener Konkurrenz (with C. Böhringer, H. Welsch and V. Ehrenheim), Schlußbericht für die Volkswagenstiftung, Mannheim / Oldenburg, 2000
139. Vom Umlage- zum Kapitaldeckungsverfahren in der Gesetzlichen Rentenversicherung – Theoretische Analyse und Simulation des Übergangs, Forum Finanzwissenschaft 15, Nuremberg, 1998

#### ARTICLES IN BOOKS

140. Der Europäische Emissionshandel als zentrales klimapolitisches Instrument: Einbettung, Erfahrungen aus der Praxis und Wirkungsanalyse (with P. Heindl and O. Schenker), in: M. Angrick, C. Kühleis, J. Landgrebe and J. Weiß (Eds.), 12 Jahre Europäischer Emissionshandel in Deutschland: Bilanz und Perspektiven für einen wirkungsvollen Klimaschutz, Ökologie und Wirtschaftsforschung: Vol. 105, Marburg: Metropolis Verlag, 2018.
141. On the Coherence of Economic Instruments: Climate, Renewables and Energy Efficiency Policies (with O. Schenker), in: I. Parry, K. Pittel and H. Vollebergh (Eds.), Energy Tax and Regulatory Policy in Europe: Reform Priorities, MIT Press, 135- 161, 2017.
142. Energiepolitik (with C. Fraune), in: K. Mause, C. Müller und K. Schubert (Eds.), Politik und Wirtschaft – Ein integratives Kompendium, Springer, 1-19, 2017
143. Der deutsche Strommarkt im Umbruch: Zur Notwendigkeit einer neuen Marktordnung (mit F. Flues, F. Pothen und P. Massier), in: H.J. Ramser und M. Stadler (Hrsg.): Entwicklung und Perspektiven der Wirtschaftswissenschaft. Wirtschaftswissenschaftliches Seminar Ottobeuren (Band 41), Tübingen: Mohr Siebeck, 2015.
144. Modeling technological change (with M. Schymura), in: J. Shogren, *Encyclopedia of Energy, Natural Resource and Environmental Economics*, Chapter 63, 89-97, 2013.
145. Designing Emissions Trading in Practice - General Considerations and Experiences from the EU Emissions Trading Scheme (EU ETS) (with P. Heindl), in: J. Xue and Z. Zhao, Annual Report on Chinas Low-Carbon Economic Development, Social Science Academic Press (China), Beijing, 360-378, 2011.
146. Alleviating Adverse Implications of EU Climate Policy on Competitiveness: The Case for Border Tax Adjustments or the Clean Development Mechanism? (with V. Alexeeva-Talebi and N. Anger), in: V. Ghosal, Reforming Rules and Regulations, CESifo Seminar Series, MIT Press, 105-127, 2010
147. Stocks, Flows, and Prospects of Energy (with J. Johnston, T.N. Demayo, D.L. Gautier, D.L. Greene, J. Ogden, S. Rayner and E. Worrell), in: Thomas E. Gradel and Ester van der Voet, Linkages of Sustainability, Strüngmann Forum Report, MIT Press, 2009, 389-419.
148. Korreferat zu Wolfgang Buchholz: Theoretische Grundlagen der Nachhaltigkeit, in: W. Franz, H. J. Ramser, and M. Stadler (Hrsg.), Umwelt und Energie, Wirtschaftswissenschaftliches Seminar Ottobeuren (Band 34), Tübingen: Mohr Siebeck, 2007, 43-45.
149. Integration von F&E-Entscheidungen in CGE und Energiesystemmodelle (with Uwe Remme and Markus Blesl), in: Forum für Energiemodelle und Energiewirtschaftliche Systemanalysen in Deutschland (ed.), Energiemodelle zu Innovation und moderner Energietechnik – Analyse exogenen und endogenen technischen Fortschritts in der Energiewirtschaft, Münster: LIT-Verlag, 2006, 233-264.

150. Harmonizing Emission Allocation. What are the Equity Consequences for the Sectors in and outside the EU-Trading Scheme (with T. Hoffmann and U. Moslener), in: C. de Miguel, X. Labandeira and B. Manzano (eds.), Economic Modelling of Climate Change and Energy Economics, Cheltenham (UK), Northampton, MA (USA): Edward Elgar (New Horizons in Environmental Economics), 2006, 65-78
151. Climate Policy (with C. Böhringer), in: C. Böhringer and A. Löschel (eds.), Climate Change Policy and Global Trade, Heidelberg: Physica-Verlag, 2004, 3-20
152. A Computable General Equilibrium Model for Climate and Trade Policy Analysis (with C. Böhringer and J. Francois), in: C. Böhringer and A. Löschel (Hrsg.), Climate Change Policy and Global Trade, Heidelberg: Physica-Verlag, 2004, 111-144
153. Climate Policies: Trade Spillovers, Joint Implementation and Technological Spillovers, Market Power, Investment Risks (with C. Böhringer), in: C. Böhringer and A. Löschel (Hrsg.), Climate Change Policy and Global Trade, Heidelberg: Physica-Verlag, 2004, 231-296
154. PACE – Ermittlung von CO<sub>2</sub>-Zertifikatepreisen (with C. Böhringer and F. Eckermann), in: Forum für Energiemodelle und Energiewirtschaftliche Systemanalysen in Deutschland, Stuttgart (Hrsg.), Energiemodelle zum Klimaschutz in liberalisierten Energiemärkten, Münster: LIT-Verlag (Umwelt- und Ressourcenökonomik 21), 2004, 123-136
155. Economic Impacts of Carbon Abatement Strategies (with C. Böhringer), in: C. Böhringer, M. Finus and C. Vogt (Hrsg.), Controlling Global Warming - Perspectives from Economics, Game Theory and Public Choice, Cheltenham: Edward Elgar, 2002 (New Horizons in Environmental Economics), 98-172
156. PACE – Policy analysis based on computable equilibrium (with C. Böhringer and A. Rohde), in: Forum für Energiemodelle und Energiewirtschaftliche Systemanalysen in Deutschland, Stuttgart (ed.): Energiemodelle zum Kernenergieausstieg in Deutschland: Effekte und Wirkungen eines Verzichts auf Strom aus Kernkraftwerken, Heidelberg: Physica-Verlag, 2002 (Umwelt und Ökonomie 34), 436-450
157. Joint Implementation as a Flexible Instrument – A CGE Analysis between a Developing and an Industrialized Country (with C. Böhringer and K. Conrad), in: J. Albrecht (ed.), Instruments for climate policy: Limited versus unlimited flexibility, Cheltenham (UK), Northampton, MA (USA): Edward Elgar, 2002 (New Horizons in Environmental Economics), 148-169
158. Eastern Enlargement of the EU: Interactions of Environmental Policies and Trade Liberalization (with M. Mraz), in: M. H. Stierle (ed.), Economics of Transformation – Theory, Experiences and EU Enlargement, Berlin: Verlag für Wissenschaft und Forschung, 2001 (INFER Research Edition No. 6), 333-344

Münster, January 2019