Publications

1. Climate policy

Academic journals

Policy instruments for limiting global temperature rise to 1.5°C – can humanity rise to the challenge?, in: Climate Policy, 18, 2018, p. 275-286
(with Myles Allen and Fu Sha)

Renewable energy policy as an enabler of fossil fuel subsidy reform? Applying a socio-technical perspective to the cases of South Africa and Tunisia, in: Global Environmental Change, 45, 2017, p. 99-110
(with Tobias Schmidt and Tyeler Matsuo)

The growing influence of the UNFCCC Secretariat on the clean development mechanism, in: International Environmental Agreements, 17, 2017, p. 247-269
(with Katharina Michaelowa)

(with Katharina Michaelowa)


Do rapidly developing countries take up new responsibilities for climate change mitigation?, in: Climatic Change, 133, 2015, p. 499-510
(with Katharina Michaelowa)

Opportunities for and Alternatives to Global Climate Regimes Post-Kyoto, in: Annual Review of Environment and Resources, 40, 2015, p. 395-418


(with Martin Stadelmann, Åsa Persson and Izabela Ratajczak-Juszko)

Answer of the authors to the response of the Adaptation Fund Board Secretariat to the article "Equity and cost-effectiveness of adaptation finance - are they friends or foes?, in: International Environmental Agreements, 14, 2014, p. 125-127
(with Martin Stadelmann, Åsa Persson and Izabela Ratajczak-Juszko)

(with Michel Köhler)

Difficulties in accounting for private finance in international climate policy, in: Climate Policy, 13, 2013, p. 718-737
(with Martin Stadelmann and Timmons Roberts)

(with Matthias Honegger and Kushini Sugathapala)

The politics of climate change in Germany: ambition versus lobby power, in: WIREs Climate Change, 2013, 4, p. 315-320

Standardization of baseline and additionality determination under the CDM, in: Climate Policy, 13, 2013, p. 191-209
(with Daisuke Hayashi)
Should the use of standardized baselines in the CDM be mandatory?, in: Climate Policy, 13, 2013, p. 80-88
(with Randall Spalding-Fecher)

Negotiating climate change, in: Climate Policy, 12, 2012, p. 527-533
(with Katharina Michaelowa)

India as an emerging power in international climate negotiations, in: Climate Policy, 12, 2012, p. 575-590
(with Katharina Michaelowa)

(with Katharina Michaelowa)

(with Martin Stadelmann and J. Timmons Roberts)

(with Katharina Michaelowa)

Would preferential access measures be sufficient to overcome current barriers to CDM projects in least developed countries?, in: Climate and Development, 3, 2011, p. 123-142
(with Paula Castro)

(with Yuri Okubo and Daisuke Hayashi)

The international climate policy caravan moves on: will it be able to cross the desert?, in: Carbon Management, 2, 2011, p. 113-115
(with Paula Castro)

(with Florens Flues and Katharina Michaelowa)

Effectiveness of subsidies for the Clean Development Mechanism: past experiences with capacity building in Africa and LDCs, in: Climate and Development, 2, 2010, p. 30-49
(with Yuri Okubo)

Copenhagen and the consequences, in: Intereconomics, 45, 2010, p. 2-3

(with Benito Müller)

(with Sonja Butzengeiger)

Challenges for energy efficiency improvement under the CDM—the case of energy-efficient lighting, in: Energy Efficiency, 2, 4, 2009, p. 353-367
(with Daisuke Hayashi and Marc Marr)

The long and stony road of getting CFL distribution into the Clean Development Mechanism, in: Energy Manager, 1, 4, 2008, p. 23-26

Implementing CDM for the Indian dairy sector: prospects and issues, in: Climate Policy, 8, 2008, p. 62-74

CDM potential of SPV lighting systems in India, in: Mitigation and Adaptation Strategies for Global Change, 13, 2008, p. 23-46

Will the Bali Spirit point the way?, in: Intereconomics, 42, 2007, p. 234-235


Untergräbt der Clean Development Mechanism den internationalen Klimaschutz?, in: Die Volkswirtschaft, 80, 9, 2007, p. 20-23


The economic potential of bagasse cogeneration as CDM projects in Indonesia, in: Energy Policy, 35, 2007, p. 3952-3966

A synopsis of land use, land-use change and forestry (LULUCF) under the Kyoto Protocol and Marrakech Accords, in: Environmental Science and Policy, 10, 2007, p. 271-282

Can insurance deal with negative effects arising from climate policy measures?, in: Climate Policy, 6, 2006, p. 672-682

Domestic UNFCCC Kyoto Protocol mechanisms project supply coordination through tendering – lessons from the New Zealand experience, in: Mitigation and Adaptation Strategies for Global Change, 11, 2006, p. 711-722

(with John O'Brien)


(with Tran Minh Tuyen)

A spatial approach to baseline and leakage in CDM forest carbon sinks projects, in: Climate Policy, 5, 2006, p. 517-530

(with Michael Dutschke)


(with Xingshu Zhao)


(with Kristian Tangen and Henrik Hasselknippe)


(with Sonja Butzengeiger and Martina Jung)


(with David Lehmkuhl)


Transaction costs, institutional rigidities and the size of the clean development mechanism, in: Energy Policy, 33, 2005, p. 511-523

(with Frank Jotzo)


Policy integration as a success factor for emissions trading, in: Environmental Management, 33, 2004, p. 765-775


(with Simon Schmitz)

Leaving the Kyoto oasis – the climate caravan moves on, in: Intereconomics, 40, 1, 2005, p. 2-3


Limiting global cooling after global warming is over – differentiating between short- and long-lived greenhouse gases, in: OPEC Review, 27, 4, 2003, p. 343-351

(with Mercedes Fernández Armenteros)

CDM host country institution building, in: Mitigation and Adaptation Strategies for Global Change, 8, 2003, p. 201-220


(with Sandra Greiner and Sören Steger)


(with Hanh Dang and Dao Tuan)


(with Sonja Butzengeiger)


(with Marcus Stronzik, Frauke Eckermann, and Alistair Hunt)


(with Sonja Butzengeiger and Sven Bode)

Emissions trading for efficiency, environmental protection and equity: the cornerstone of EU climate policy, in: CESifo Forum, 34, 1, 2003, p. 33-34

(with Sonja Butzengeiger)


(with Sandra Greiner)


(with Sven Bode)

Germany – a pioneer on earthen feet?, in: Climate Policy, 3, 1, 2003, p.31-44


(with Richard Tol)


(with David Lehmkuhl)


(with Tobias Koch)

(with Frank Jotzo)


(with Sven Bode, Jürgen Isensee and Karsten Krause)

A qualitative method to consider leakage effects from CDM and JI projects, in: Energy Policy, 30, 2002, p.461-463

(with Roland Geres)


(with Michael Dutschke und Marcus Stronzik)

An international registration and tracking system for greenhouse gas emissions trading: elements, possibilities, problems and issues for further discussion, in: Journal of Environmental Policy and Planning, 3, 2001, p. 233-244

(with Tobias Koch)


(with Chris Rolfe)


(with Wolfgang Bräuer und Marcus Stronzik)

Internationaler Klimaschutz – eine wichtige Hürde ist genommen (International climate protection – an important hurdle has been overcome), in: Wirtschaftsdienst, 81, 8, 2001, p. 422-423


(with Tobias Koch)


(with Suraje Dessai)

Capping the cost of compliance with the Kyoto Protocol and recycling revenues into land-use projects, in: TheScientificWorld, 1, 2001, p. 271–280

(with Bernhard Schlamingdiger, Michael Obersteiner, Michael Grubb, Christian Azar, Yoshiki Yamagata, Donald Goldberg, Peter Read, Miko Kirschbaum, Philip Fearnside, Taishi Sugiyama, Ewald Rametsteiner, Klaus Böswald)

Why a positive list for CDM project types does not solve the issue of economic additionality, in: Joint Implementation Quarterly, 7, 2, 2001, p. 9

Turmoil in international climate policy – Can Kyoto be saved?, in: Intereconomics, 36, 3, 2001, p. 113-114

Bushs Absage an das Kioto-Protokoll – wird die EU Lokomotive der globalen Klimapolitik? (Will the EU become the trailblazer in global climate policy after Bush´s opposition to the Kyoto Protocol?), in: Wirtschaftsdienst, 81, 4, 2001, p. 236-239

(with Sandra Greiner)
Reconciling the design of CDM with inborn paradox of additionality concept, in: Climate Policy, 1, 1, 2001, p. 75-84, earlier version in CRIEPI Working Paper No. Y00905, 2000, Tokyo, 15 pp  
*(with Taishi Sugiyama)*

*(with Regina Betz)*

The Seattle Syndrome hits international climate policy, in: Intereconomics, 35, 6, 2000, p. 257-258  
*(with Regina Betz)*

*(with Taishi Sugiyama)*

*(with Taishi Sugiyama)*

*(with Taishi Sugiyama)*

*(with Karsten Krause)*

Should non-annex I countries accept voluntary targets?, in: Joint Implementation Quarterly, 6, 1, 2000, p. 6  
*(with Liliya Zavyalova)*

*(with Michael Dutschke)*

International climate negotiations gather new momentum, in: Intereconomics, 34, 6, 1999, p. 265-266  
*(with Michael Dutschke)*

*(with Emmanuel Fages)*

"Hot air“ reduction through non-quantifiable measures and early JI, in: Joint Implementation Quarterly, 5, 2, 1999, p. 9-10  
*(with Tobias Koch)*

*(with Katharina Michaelowa and Scott Vaughan)*

*(with Michael Dutschke)*

Climate policy and interest groups – a public choice analysis, in: Intereconomics, 33, 6, 1998, p. 251-259  
*(with Michael Dutschke)*

*(with Michael Dutschke)*

Joint Implementation - the baseline issue, in: Global Environmental Change, 8, 1, 1998, p. 81-92
A dynamic crediting regime for Joint Implementation to foster innovation in the long term, in: Mitigation and Adaptation Strategies for Global Change, 2, 1,1997, p. 45-56
(with Holger Schmidt)


(with Karsten Krause)

(with Sandra Greiner)

Klimaschutz-Kooperation auf kommunaler Ebene - das Kompensationskonzept (Climate protection on a local level through offsets), in: Zeitschrift für Umweltpolitik und Umweltrecht, 19, 4, 1996, p. 541-550

Incentive aspects of Joint Implementation of greenhouse gas reduction, in: Mitigation and Adaptation Strategies for Global Change, 1, 1, 1996, p. 95-108


Internationale Kompensation: eine Chance für den Klimaschutz (German version of preceding article), in: Wirtschaftsdienst, 72, 5, 1995, p. 259-266

Books, reports and studies

(with Katharina Michaelowa)

Carbon Removal and Solar Geoengineering: Potential implications for delivery of the Sustainable Development Goals, Carnegie Climate Geoengineering Governance Initiative, New York, 2018
(with Matthias Honegger, Henry Derwent, Nicholas Harrison and Stefan Schäfer)

Development of universal metrics for adaptation effectiveness, in: Christiansen, Lars; Martinez, Gerardo; Naswa, Prakriti (eds.): Adaptation metrics: perspectives on measuring, aggregating and comparing adaptation results, UNEP DTU Partnership, Copenhagen, 2018, p. 63-72
(with Martin Stadelmann)

Ensuring additionality under Art. 6 of the Paris Agreement, Perspectives, Freiburg, 2017
(with Sonja Butzengeiger)

Features and Implications of NDCs for Carbon Markets, Climate Focus, Amsterdam, 2017
(with Andrew Howard, Thiago Chagas, Jelmer Hoogezaad, Stephan Hoch and Sandra Greiner)


Twenty-third Conference of the Parties to the United Nations Framework Convention on Climate Change (COP23). Guide to the negotiations, Institut de la Francophonie pour le Développement Durable, Québec, 2017 (also published in French as «Vingt-troisième session de la Conférence des Parties (COP23)»)
(with Stéphane Pouffary, Antoine Antonini, Frédéric Gagnon-Lebrun, Yanick Touchette, Alice Bisiaux and Kamel Djemouai)

Nuclear power and market mechanisms under the Paris Agreement, IAEA, Vienna, 2017
Sectoral implementation of nationally determined contributions (NDCs) - Circular economy and solid waste management, GIZ, Eschborn, 2017
(with Sven Feige, Jan Janssen, Johannes Paul; Pascal Renaud and Thomas Berlinghoff)

Informal governance of international climate policy, CIS Working Paper No. 96, Zurich, 2017
(with Katharina Michaelowa and Chandreyee Bagchi)

Documentation of IFAT 2016 Side Event Climate-friendly Waste Management through NAMAs in Emerging Economies and Developing Countries, Dokumentationen 02/2017, Federal Environmental Office, Dessau, 2017
(with Valentin Friedmann)

SD-Benefits in Future Market Mechanisms under the UNFCCC, Climate Change 04/2017, Federal Environmental Office, Dessau, 2017
(with Björn Dransfeld, Stefan Wehner, Tanshree Bagh, Patrick Bürgi, Ingo Puhl, Madlaina Zegg, Valentin Friedmann, Stephan Hoch, Matthias Honegger and Linde Warland)

(with Reinhard Mechler, Manuel Pulido-Velazquez, Michel Koehler, Katie Jenkins, Swenja Surminski, Keith Williges, Wouter Botzen, Roger CremaDES, Björn Dransfeld, Paul Hudson, Antonio Lopez-Nicolas, Anna Lorant and Maria Manez)

Transitioning from INDCs to NDCs in Africa, AfDB Knowledge Series, African Development Bank, Abidjan, 2016
(with Stephan Hoch, Matthias Honegger and Valentin Friedmann)

Tackling CO₂ Emissions from International Aviation: Challenges and Opportunities Generated by the Market Mechanism ‘CORSIA’, EDA Insight, Emirates Diplomatic Academy, Abu Dhabi, 2016

IMPAQT case study, REEEP, Vienna, 2016
(with Michel Köhler, Valentin Friedmann, Björn Dransfeld and John Tkacik)

The impact of INDCs, NAMAs and LEDS on Ci-Dev operations and programs, World Bank, Washington, 2016
(with Valentin Friedmann, Stephan Hoch, Matthias Honegger and Frederic Hans)

From Paris to Marrakesh or the challenge of implementation. Twenty-second Conference of the Parties to the United Nations Framework Convention on Climate Change (COP22, CMP12, CMA1). Guide to the negotiations, Institut de la Francophonie pour le Développement Durable, Québec, 2016 (also published in French as « De Paris à Marrakech ou le défi de la mise en œuvre »)
(with Stéphane Pouffary, Sandra Freitas, Tosi Mpanu-Mpanu, Seyne Nafo, Antoine Antonini, Frédéric Gagnon-Lebrun, Yanick Touchette, Kamal Djemouai, El Hadj Mbaye Diagne, Guillaume De Laboulaye, Stéphane Quefelec and Laurent Dittrick)


(with Sandra Greiner, Stephan Hoch, Fabrice Le Saché, Dario Brescia, Hilda Galt, Sebastian Mayr and El-Hadj Mbaye Diagne)

Investing in ambition. Analysis of the financial aspects in (Intended) Nationally Determined Contributions, Germanwatch and Perspectives, Bonn, 2016
(with Lutz Weischer, Linde Warland, David Eckstein, Stephan Hoch, Michel Koehler and Stefan Wehner)

(with Peter Wooders, Philip Gass, Richard Bridle, Christopher Beaton, Frédéric Gagnon-Lebrun, Stephan Hoch, Matthias Honegger, Tyeler Matsuo, Vanessa Villa, Mark Johnson and James Harries)

(with Juerg Fuessler, Martin Herren, Alexander Wunderlich, Tyeler Matsuo, Matthias Honegger and Stephan Hoch)
Can debt for climate swaps be a promising climate finance instrument?, Perspectives, Zurich, 2015 (with Linde Warland)

Linking CDM PoAs and NAMAs. Legal and technical challenges and proposed design options, UNEP, Paris, 2015 (with Matthieu Wemaere, Matthias Honegger, Stephan Hoch and Tyeler Matsuo)

Transferring a technology incubator to address climate change – lessons from Taiwan for Vietnam, International Climate Dialogue Policy Paper 1, Hamburg, 2015 (with Linde Griesshaber)

Methodology for CDM eligibility criteria definition, Perspectives, Zurich, 2015 (with Stephan Hoch, Björn Dransfeld, Matthias Honegger, Dominik Englert, Luzia Bieri, Urs Brodmann and Ricarda Alt)

Practicability of transitioning from CDM to future climate policy instruments, Perspectives, Zurich, 2015 (with Björn Dransfeld, Aki Kachi, Dennis Tänzler, Stephan Hoch and Lena Rathner)

Analysis of Possible New Market Mechanisms Pilot Activities beyond the PMR, Perspectives, Zurich (with Björn Dransfeld and Stephan Hoch)

Developing Sectoral Mechanisms in the Transition Period towards a New Climate Treaty, Climate Change 01/2015, Federal Office for the Environment, Berlin, 2015 (with Björn Dransfeld, Stephan Hoch and Matthias Honegger)


Energy Systems, in: Edenhofer, Ottmar; Pichs-Madruga, Ramon; Sokona, Youba; Farahani, Ellie; Kadner, Susanne; Seyboth, Kristin; Adler, Anna; Baum, Ina; Brunner, Steffen; Eickemeier, Patrick; Kriemann, Benjamin; Savolainen, Jussi; Schlömer, Steffen; von Stechow, Christoph; Zwickel, Tim; Minx, Jan (eds.): Climate Change 2014: Mitigation of Climate Change. Contribution of Working Group III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change, Cambridge University Press, Cambridge, 2014, p. 1083-1140 (with Agrawala, Shardul; Klasen, Stephan; Acosta Moreno, Roberto; Barreto, Leonardo; Cottier, Thomas; Guan Dabo; Gutierrez-Espeleta, Edgar; Gúmez Vázquez, Alba; Jiang Leiven; Kim, Yong-Gun; Lewis, Joanna; Messouli, Mohammed; Rauscher, Michael; Uddin, Noim; Venables, Anthony; Flachslad, Christian; Holzer, Kateryna, House, Joanna; Jewell, Jessica; Knopf, Brigitte; Lawrence, Peter; Michaelowa, Axel; Schretter, Victoria)

Developing Sectoral Mechanisms in the Transition Period towards a New Climate Treaty, Climate Change 01/2015, Federal Office for the Environment, Berlin, 2015 (with Björn Dransfeld, Stephan Hoch and Matthias Honegger)

(with Martin Stadelmann, Sonja Butzengeiger-Geyer and Michel Köhler)

(with Matthias Honegger, Michael Eschmann, Björn Dransfeld and Matthias Krey)

A typology of policy instruments and their appropriateness for NAMA crediting, in: Korea Energy Management Corporation (ed.): NAMA Crediting: From its concept to MRV options, 2013, Gyeonggi-do, p. 6-19

(with Stephan Hoch)

Lessons from the CDM, Background paper for the LDC Group, CDKN and ECBI
(with Gebru Jember and El Hadji Mbaye Diagne)

(with Maike Sippel)

Saved health, saved wealth: an approach to quantifying the benefits of climate change adaptation, GIZ, 2013, Eschborn
(with Michel Köhler)

Contribution of the private sector to Climate Change Long-Term-Finance: An assessment of private climate finance mobilized by Switzerland, BAFU, 2013, Berne, http://www.bafu.admin.ch/international/04692/04694/index.html?lang=de&download=NHzLpZeg7t,lnp6l0NTU04212Z6ln1acy4Zn4ZqZpm02Yq2Z6gpJCHdIN8g2ym162epYbg2c_JJkKbNoKS6A--.
(with Martin Stadelmann)

Increasing Demand and Reducing Supply – A Rescue for the CDM?, FNI Climate Policy Perspectives 11, 2013, Oslo
(with Martin Stadelmann and Ken Newcombe)

(with Lambert Schneider, Derik Broekhoff, Juerg Fuessler, Michael Lazarus and Randall Spalding-Fecher)

Setting baselines for the new market mechanism: Examples from the power, cement and buildings sectors, Discussion Paper, 2012, Berlin
(with Paula Castro, Daisuke Hayashi, Ralph Harthan and Martin Cames)

Linking the CDM with new and emerging carbon markets, Paper No. 3 for the CDM Policy Dialogue, 2012

Strengths and weaknesses of the CDM in comparison with new and emerging market mechanisms, Paper No. 2 for the CDM Policy Dialogue, 2012

Scenarios for the global carbon markets, Paper No. 1 for the CDM Policy Dialogue, 2012
(with Sonja Butzengeiger, Björn Dransfeld, Michel Köhler, Camilla Bausch, Eike Dreblow and Jenny Tröltzsch)

From Climate Antagonists to Low-Carbon Protagonists? The Changing Role of the Gulf OPEC States in the UNFCCC, FNI Climate Policy Perspectives 6, 2012, Oslo
Climate Engineering. Avoiding Pandora’s Box through Research and Governance, FNI Climate Policy Perspectives 5, 2012, Oslo

(with Matthias Honegger and Sonja Butzengeiger-Geyer)


Market mechanisms for adaptation - an aberration or a key source of finance?, in: Michaelowa, A. (ed.): Carbon markets or climate finance?, Routledge, 2012, Abingdon, p. 188-208

(with Sonja Butzengeiger and Michel Köhler)


(with Jorund Buen)


(with Sonja Butzengeiger)


(with Katharina Michaelowa)

New market mechanisms for mitigation - Getting the incentives right, in: Michaelowa, A. (ed.): Carbon markets or climate finance?, Routledge, 2012, Abingdon, p. 146-167

(with Sonja Butzengeiger, Björn Dransfeld, Martin Cames and Sean Healy)


(with Björn Dransfeld, Martin Cames and Sean Healy)


(with Sonja Butzengeiger-Geyer, Michel Köhler and Martin Stadelmann)


(with Michael Bräuninger, Sonja Butzengeiger-Geyer, Andrew Dlugolecki, Stefan Hochrainer, Michel Köhler, Joanne Linnerooth-Bayer, Reinhard Mechler, and Sven Schulze)


India in the international climate negotiations: from traditional nay-sayer to dynamic broker, CIS Working Paper 70/2011, 2011, Zurich

(with Katharina Michaelowa)


(with Katharina Michaelowa)

Uncertainty in climate policy – impacts on market mechanisms, in: Gramelsberger, Gabriele; Feichter, Johann (eds): Climate change and policy, Springer, Heidelberg, 2011, p. 127-144

(with Alex Vasa)

(with Katharina Michaelowa)


The future of the Clean Development Mechanism, in: Cerda, Emilio; Labandeira, Xavier (eds.): Climate change policies, Edward Elgar, Cheltenham, 2010, p. 209-232

Keeping a big promise: options for baselines to assess “new and additional” climate finance, CIS Working Paper 66/2010, Zurich
(with Martin Stadelmann and J. Timmons Roberts)


(with Daisuke Hayashi, Björn Dransfeld, Mareike Niemann, Marc Marr, Nicolas Müller, Stefan Wehner, Matthias Krey, Klaus Oppermann and Carolyn Neufeld)

(with Hélène Connor and Laura Williamson)

(with Maike Sippel)

Translating model results to economic policies, RECIPE Working paper, PIK, Potsdam, 2009
(with Karsten Neuhoff, Susanne Dröge, Otmar Edenhofer, Christian Flachslaud, Hermann Held, Mario Ragwitz, Jan Strohschein, Andreas Türk)


Will the CDM become a victim of its own success? Reform options for Copenhagen, in: Delgado, Juan; Gardner, Stephen (eds.): Beyond Copenhagen: A climate policymaker’s handbook, Brussels, 2009, p. 31-40


(with Katharina Michaelowa)

(with Jorund Buen)

(with Katharina Michaelowa)
(with Yuri Okubo)

Would preferential access to the EU ETS be sufficient to overcome current barriers to CDM projects in LDCs?  
(with Paula Castro)

Discounting of CERs to avoid CER Import Caps, Working Paper, Climate Strategies, London, 2009  
(with Michael Dutschke)

(with Daisuke Hayashi, Björn Dransfeld, Mareike Niemann, Marc Marr, Klaus Oppermann and Carolyn Neufeld)

Are climate policies geared towards the same objectives as development policies?, in: European Parliament (ed.):  
(with Yuri Okubo)


German climate policy between global leadership and muddling through, in: Compston, Hugh (ed.): Turning down  
the heat, Palgrave, Basingstoke, 2008, p. 144-163

Corporate strategies and the Clean Development Mechanism, Edward Elgar, Cheltenham 2008  
(with Sören Lütken)

(with Paula Castro)

Empirical analysis of performance of CDM projects from registration to CER issuance, Discussion Paper CDM-3,  
Climate Strategies, London, 2008  
(with Sebastian Mayr)

Lessons from submission and approval process of large-scale energy efficiency CDM methodologies. HWWI  
Research Paper No.4-11, Hamburg, 2008  
(with Daisuke Hayashi)

Policies, Instruments and Co-operative Arrangements, in: Metz, Bert; Davidson, Ogunlade; Bosch, Peter; Dave,  
Rutu; Meyer, Leo (eds): Climate Change 2007: Mitigation. Contribution of Working Group III to the Fourth  
Assessment Report of the Intergovernmental Panel on Climate Change, Cambridge University Press, Cambridge,  
2007, p. 746-807  
(with Sujata Gupta, Dennis Tirpak, Nicholas Burger, Joyeeta Gupta, Niklas Höhne, Antonina Boncheva, Gorashi  
Kanoan, Charles Kolstad, Joseph Kruger, Shinya Murase, Jonathan Pershing, Tatsuyoshi Saijo and Agus Sari)

Mitigation from a cross-sectoral perspective, in: Metz, Bert; Davidson, Ogunlade; Bosch, Peter; Dave, Rutu; Meyer,  
(with Terry Barker, Igor Bashmakov, Awwad Alharthi, Markus Amann, Luis Cifuentes, John Drexhage, Maosheng  
Duan, Ottmar Edenhofer, Brian Flannery, Michael Grubb, Monique Hoogwijk, Francis Ibitoye, Catrinus Jepma, William  
Pizer, Kenji Yamaji, Shimon Averbuch, Lenny Bernstein, Andre Faaij, Hitoshi Hayami, Tom Heggedal, Snorre  
Kverndokk, John Latham, David Popp, Peter Read, Stefan Schleicher, Mike Smith and Ferenc Toth)

Understanding CDM methodologies, DEFRA, London 2007, 120 pp
(with Frederic Gagnon-Lebrun, Daisuke Hayashi, Luis Salgado Flores, Philippe, Crete and Matthias Krey)

How many CERs will the CDM produce by 2012?, Discussion paper CDM-2, Climate Strategies, London 2007

Additionality determination of Indian CDM projects. Can Indian CDM project developers outwit the CDM Executive Board?, Discussion Paper CDM-1, Climate Strategies, London 2007
(with Pallav Purohit)

The market potential of large-scale non-CO\textsubscript{2} CDM projects, in: Douma, Wybe; Massai, Leonardo; Montini, Massimiliano (eds): The Kyoto Protocol and beyond, T.M.C. Asser Press, The Hague, 2007, p. 59-70
(with Jorund Buen, Arne Eik and Elisabeth Lokshall)

Clean Development by own resources, VDM Verlag Dr. Müller, Saarbrücken, 2007, 60 pp, updated version of Measuring the potential of unilateral CDM – a pilot study, HWWA Discussion Paper No. 263, Hamburg February 2004, 54 pp
(with Michael Jahn, Stefan Raubenheimer and Holger Liptow)

Common policy on climate change: land use, domestic stakeholders and EU foreign policy, in: Harris, Paul (ed.): Europe and global climate change, Edward Elgar, Cheltenham, 2007, p. 233-254
(with Martina Jung, Ingrid Nestle, Sandra Greiner and Michael Dutschke)


(with Pallav Purohit)

(with Matthias Krey and Sonja Butzengeiger)

The current status of CDM afforestation and reforestation projects in the GHG market, in: Youn, Yeo-Chang (ed.): Climate change, Kyoto Protocol and forest sector, Korean Studies Information, Paju Bookcity, 2006, p. 110-136
(with Lennart Mohr, Michael Dutschke and Matthias Krey)

What are the prospects for an effective implementation of the Kyoto Protocol?, in: Natural Resources Forum 30, 2006, p. 77

Additionality and sustainable development issues regarding CDM projects in energy efficiency sector, HWWA Discussion Paper 346, June 2006, 43pp
(with K. Unamaheswaran)

(with Kristian Tangen and Henrik Hasselknippe)

(with Felicia Müller-Pelzer)

Efficient documentation and webmarketing strategies for DNAs, HWWA Discussion Paper 334, Hamburg, November 2005, 25 pp
(with Naman Gupta)

(with Katharina Michaelowa)

Lessons from the submission and approval process of energy-efficiency CDM baseline and monitoring methodologies, HWWI Research Paper 1, November 2005, 38 pp
(with Felicia Müller-Pelzer)

The lessons to be learned, in: Carbon Finance, 2, 4, 2005, p. 12-13
(with John O'Brien)

(with Sonja Butzengeiger and Sven Bode)

(with Koshy Cherail)

Burden sharing targets for the EU bubble in the second commitment period: CO2 from the energy sector, in: John, Klaus-Dieter; Rübbelke, Dirk (eds): Klimapolitik in einer erweiterten Europäischen Union, Shaker-Verlag, Aachen, 2005, p. 79-102
(with Fabian Wagner)

COP 10: Getting the CDM started and pondering the future of the climate policy regime, Hamburg climate+ paper 1/2005, Hamburg, 18pp
(with Felicia Müller-Pelzer, Martina Jung, Michael Dutschke, Matthias Krey and Sonja Butzengeiger)


(with Sonja Butzengeiger and Britta Horstmann)


Indian urban building sector: CDM potential though energy efficiency in electricity consumption, HWWA Discussion Paper No. 289, Hamburg, August 2004, 28pp
(with Inderjeet Singh)

CDM potential of dairy sector in India, HWWA Discussion Paper No. 273, Hamburg, April 2004, 67pp
(with Smita Sirohi)

Unilateral CDM – Chances and pitfalls, GTZ, Eschborn, 2003, 14 pp

Removing barriers for renewable energy CDM projects in India and building capacity at the state level, HWWA Report No. 237, Hamburg, November 2003, 52 pp

Reicht das Kyoto-Protokoll als Bollwerk gegen die anthropogene Klimaveränderung aus? in: Keilhacker, Martin (ed.): Optionen für die Energie der Zukunft, Arbeitskreis Energie der Deutschen Physikalischen Gesellschaft, Bonn, 2003, p. 117-132

Blankoschecks für dicke Luft?, in: Sonnenenergie, 6, 2003, p. 18-19


Integration of climate and development policies through the clean development mechanism, in: EADI, GEMDEV (eds.): Europe and the South in the 21st century. Challenges for renewed cooperation, Karthala, Paris, 2002, CD-Rom


Rejecting Kyoto, Climate Strategies Report, London, 2001


(With Michael Jahn, Stefan Raubenheimer and Holger Liptow)

(with Sonja Butzengeiger, Martina Jung and Michael Dutschke)

(with Yuvaraj Babu)

(with Vinay Deodhar and Matthias Krey)

(with Michael Grubb, Tom Brewer, Benito Müller, John Drexhage, Kirsty Hamilton, Taishi Sugiyama, Takao Aiba, Anju Sharma, Christian Azar and Jacqueline Karas)

(With Michael Dutschke)
The impact of short-term climate change on British and French agriculture and population in the first half of the 18th century, in: Jones, Phil; Ogilvie, Astrid; Davis, Trevor (eds.): History and climate. Memories of the future?, Kluwer, New York, 2001, p. 201-218

Potential and obstacles for using the CDM to promote geothermal energy, in: Sudarmoyo; Bintarto; Bambang; Hadi; Eko; Saryana; Kurniawan; Fanora (eds.): Dedicating geothermal energy to community prosperity, Proceedings of 5th Indonesian Geothermal Association Annual Scientific Conference, Yogyakarta, 2001, p. 211-214


National CDM criteria, baseline methodologies and case studies for Uzbekistan, HWWA Discussion Paper 126, March 2001, 44 pp

Globale Klimapolitik (Global climate policy), in: Costanza, Robert; Cumberland, John; Daly, Herman; Goodland, Robert; Norgaard, Richard: Einführung in die ökologische Ökonomik, Lucius&Lucius, Stuttgart, 2001, p. 307-308

Kompensationslösungen (Offsets): in: Schulz, Werner; Burschel, Carlo; Weigert, Martin; Liedtke, Christa; Bohnet-Joschko, Sabine; Kreeb, Martin; Losen, Dirk; Gebner, Christian; Diffenhard, Volker; Maniura, Anja (eds.): Lexikon Nachhaltiges Wirtschaften, Oldenbourg, München, 2001, p. 171-178


Climate policy and development, Edward Elgar, Cheltenham, 2000, 288 pp

Flexible instruments of climate policy, in: Axel Michaelowa, Michael Dutschke (eds.): Climate policy and development, Edward Elgar, Cheltenham, 2000, p. 1-44

Outlook on climate and development policies, in: Axel Michaelowa, Michael Dutschke (eds.): Climate policy and development, Edward Elgar, Cheltenham, 2000, p. 209-237


Closing the gap: A comparison of approaches to encourage early greenhouse gas emission reductions, HWWA Report No. 199, Hamburg, 1999, 114 pp

*(with Michael Dutschke)*

Convergence criteria for participation in the Flexible Mechanisms under the Kyoto Protocol, HWWA Discussion Paper No. 82, Hamburg, 1999, 18 pp

*(with Michael Dutschke and Marcus Stronzik)*

Baseline setting in the AIJ pilot phase, in: Bundesumweltministerium, Wuppertal-Institut (eds.): Reports on AIJ projects and contributions to the discussion of the Kyoto Mechanisms, Berlin, 1999, p. 82-93


*(with Katie Begg, Stuart Parkinson and Robert Dixon)*


*(with Robert Dixon and Lilia Abron)*


*(with Katie Begg, Michael Dutschke, Naoki Matsuo and Stuart Parkinson)*


*(with Michael Dutschke)*

Aufteilung von Emissionsgutschriften bei Treibhausgasvermeidung im Ausland (Allocation of credits from greenhouse gas mitigation abroad), in: TA-Datenbank-Nachrichten, 8, 2, 1999, p. 9-12

*(with Michael Dutschke)*

Critical issues in current climate policy, HWWA-Report No. 194, Hamburg 1999, 47 pp

*(with Tobias Koch)*

International rules for greenhouse gas emissions trading, UNCTAD/GDS/GFSB/Misc.6, New York 1999, 116 pp

*(with Tom Tietenberg, Byron Swift, Zhongxiang Zhang and Michael Grubb)*

Economic and political aspects of baselines in the CDM context, in: José Goldemberg, Walter Reid (eds.): Promoting development while limiting greenhouse gas emissions: trends & baselines, New York 1999, p. 115-134

*(with Michael Dutschke)*

Klimapolitik in Frankreich (Climate policy in France), HWWA Discussion Paper No. 71, Hamburg, December 1998, 26 pp

*(with Michael Dutschke and Marcus Stronzik)*

Tightening the system: Central allocation of emission rights, HWWA Discussion Paper No. 70, Hamburg, November 1998, 16 pp

*(with Michael Dutschke)*


*(with Michael Dutschke)*

Issues and open questions of greenhouse gas emission trading under the Kyoto Protocol, HWWA Discussion paper No. 68, Hamburg, 1998, 17 pp

*(with Michael Dutschke)*

AIJ cannot function without incentives, in: Riemer, Pierce; Smith, Andrea; Thambimuthu, Kelly (eds.): Greenhouse gas mitigation. Technologies for Activities Implemented Jointly, Amsterdam, 1998, p. 403-408


Joint Implementation as development policy - the case of Costa Rica, HWWA Discussion Paper No. 49, Hamburg 1997, 60 pp

(with Michael Dutschke)

Klimapolitik und Hamburgs Lokale Agenda 21 - ein globaler Ansatz (Climate policy and Hamburg’s Local Agenda 21), in: Eine Welt Netzwerk Hamburg e.V.; Jochen Menzel (Hrsg.): Rio - Hamburg und zurück (Rio - Hamburg and back), Hamburg 1997, p. 131-134

Internationale Kompensationsmöglichkeiten zur CO2-Reduktion (Joint Implementation to reduce carbon dioxide), Baden-Baden, 1997, 255 pp


Klimaveränderung und internationale Klimapolitik - Implikationen für eine globale Ressourcenpolitik im Wassersektor (Climate change and international climate policy - implications for a global policy on water resources), in: Barandat, Jörg (ed.): Wasser - Konfrontation oder Kooperation (Water - conflict or cooperation?), Baden-Baden, 1997, p. 368-378


Interessengruppen und Joint Implementation - Konsequenzen für die Ausgestaltung des Systems (Interest groups and Joint Implementation - consequences for the design of the JI system), in: Rentz, Otto; Wietschel, Martin; Fichtner, Wolf; Ardone, Armin (eds.): Joint Implementation in Deutschland (Joint Implementation in Germany), Frankfurt, 1996, p. 67-80

(with Sandra Greiner)


Joint Implementation of greenhouse gas reductions under consideration of fiscal and regulatory incentives, Final Report, BMWi-Studienreihe No. 89, Bonn, 1995, 155 pp

Joint Implementation of greenhouse gas reductions under consideration of fiscal and regulatory incentives, Summary, BMWi-Studienreihe No. 88, Bonn, 1995, 16 pp
Internationale Kompensationsmöglichkeiten zur CO₂-Reduktion unter Berücksichtigung steuerlicher Anreize und ordnungsrechtlicher Maßnahmen (German version of preceding No. 89), Endbericht zum Gutachten, BMWi-Studienreihe No. 87, Bonn, 1995

Internationale Kompensationsmöglichkeiten zur CO₂-Reduktion unter Berücksichtigung steuerlicher Anreize und ordnungsrechtlicher Maßnahmen (German version of preceding No. 88), Kurzfassung zum Gutachten, BMWi-Studienreihe No. 86, Bonn, 1995

**Book reviews**


"The Green Paradox" by Hans-Werner Sinn, in: Climate Policy, 12, 2012, p. 784-786

“Fixing the sky: The checkered history of weather and climate control” by James Fleming (2010), in: Climate Policy, 12, 2012, p. 521-523


“The Economics and Politics of Climate Change”by Dieter Helm and Cameron Hepburn (2009), in: Climate Policy, 12, 2012, p. 140-142

“Challenges of CDM Project Development in the Balkan” by Massimiliano Montini (2009), in: Joint Implementation Quarterly, July 2011, p. 17

"International business and global climate change" by Jonatan Pinkse and Ans Kolk (2009), in: Energy Policy, 39, 2011, p. 3880-3881


“Globesity: a planet out of control” by Francis Delpeuch, Bernhard Maire, Emmanuel Monnier and Michelle Holdsworth (2009), in: International Affairs, 86, 2010, p. 1012-1013


“Voluntary carbon markets: an international business guide to what they are and how they work” by Ricardo Bayon, Amanda Hawn and Katherine Hamilton (2009), in: Climate Policy, 10, 2010, p. 239-240


“EU emissions trading” by Jon Birger Skjaerseth and Jorgen Wjettestad (2008), in: Climate Policy, 8, 2008, p. 430-432


“Portfolio diversification of investments in climate change mitigation” by Urs Springer (2003), in: Climate Policy, 5, 2006, p. 563-564


“Sustainability check-up for CDM projects” by Christoph Sutter (2003), in: Climate Policy, 5, 2006, p. 647-649


"Climate change: from a fossil to a solar culture” by Hermann Scheer (2001), in: International Review for Environmental Strategies, 3,2, 2003, p. 357-359

"International relations and global climate change” by Urs Luterbacher, Detlev Sprinz (2001),, in: Environmental Politics, 12,1, 2003, p. 259


"Running from the storm" by Clive Hamilton (2001), in: Climate Policy, 2, 1, 2002, p. 122-124


"Non-state actors and the global politics of the greenhouse” by Peter Newell (2000), in: Climate Policy, 1, 4, 2001, p. 525-528


"Fossil fuels in a changing climate” by Ulrich Bartsch and Benito Mueller, 2000, in: Climate Policy, 1, 1, 2001, p. 150-151


"International trade and climate policies” by Duncan Brack, Michael Grubb and Craig Windram, 2000, in: Journal of World Trade, 34, 3, 2000, p. 157-159


Newspaper articles / policy briefs
Pour financer la promesse de la COP21, l’Europe doit établir une taxe carbone aux importations, in: L’Opinion, 5.8. 2018
(with Philippe Coste, Hakima El-Haité and Joël Ruet)

Mobilising private-sector investment to mitigate climate change in Africa, SEI Policy Brief, Stockholm, 2018
(with Stephan Hoch and Valentin Friedmann)

Synergies between mitigation and SDGs: The case of human settlements in Bhutan, in: Mitigation Talks, 2, 2018, p. 12-13
(with Matthias Krey and Samantha Wong)

(with Stephan Hoch)

A new perspective on the carbon market, in: Integration and Trade, No. 41, 2017, p. 179-190


Built on experience: How to transition from the CDM to the Sustainable Development Mechanism under the Paris Agreement, in: Carbon Mechanisms Review, 1, 2016, p. 28-31
(with Stephan Hoch)

(with Jürg Füssler)

(with Stephan Hoch)

Das Klimaproblem lässt sich nicht aussitzen, in: Tages-Anzeiger, 15.4. 2014, p. 34
(with Stephan Hoch)


Arguing the point: Should large-scale power projects have a future under the CDM?, in: Carbon Mechanisms Review, 1, 2013, p. 14-17
(with Michael Lazarus)

Adaption mit marktwirtschaftlichen Mitteln, in: Bdvb aktuell, 120, 2013, p. 16-17
(with Michael Eschmann)


Waking up the sleeping giant, in: Trading Carbon, 5, 7, 2011, p. 32-33
(with Daisuke Hayashi)

(with Martin Stadelmann and Timmons Roberts)


(with Benito Müller)
Wüstenstrom – Kyoto macht’s möglich, in: Financial Times Deutschland, 30.6. 2009, p. 2

Blue Washing mit UN Label?, in: Zoon Politikon, 6, 2008, p. 16-17
(with Katharina Michaelowa)


Avoiding the carbon hangover, in: Trading Carbon, 1,1, 2007, p. 32-33

Limiting Kyoto credits makes no sense, in: ENDS Europe Report, 19, 2007, p. 2


Papiertiger oder Trumpf?, in: Energie & Management, 18, 2005, p. 22

(with Holger Liptow)


Exploding myths about CDM, in: Energise, 1, 3, 2002, p. 8-9
(with Albrecht Kaupp and Holger Liptow)


CDM – panacea or niche player?, in: Development Alternatives Newsletter, 12,10, 2002, p. 5-6
(with Andreas Lange, Marcus Stronzik and Sonja Butzengeiger)

Wo der Markt Wunder wirken kann, in: Liberale Depesche, 2, 2002, p. 6

Kommunale Chancen in der Klimapolitik, in: Zeitung für kommunale Wirtschaft, 1, 2002, p.3
(with Sandra Greiner)

(with Sandra Greiner)

(with Frank Vöhringer)

Kyoto: Das Protokoll ist gerettet, die Inhalte aber aufgeweicht (Kyoto Protocol saved but contents diluted), in: VDI-Nachrichten, July 27, 2001

Klimaschutz am Ende? (The end of climate protection?) , in: Vorwärts, 12, 2000, p. 14
(with Tobias Koch)

Klimaschutzprogramm – viel heiße Luft (National climate action plan – a lot of hot air), in: Wirtschaftsdienst, 80, 8, 2000, p. 452


A humble beginning, in: Down To Earth, 15.8. 1998
Wo Maßnahmen auch fruchten (Where measures bear fruit), in: Süddeutsche Zeitung, 2.11. 1995


Klimaschutz wirklich weltweit (Climate protection really worldwide), in: Frankfurter Allgemeine Zeitung, 28.3. 1995
2. Trade policy

Academic journals


Der seidene (Handels-)Faden (The silken thread of trade), in: Politische Ökologie No. 44, 1996, p. 49-53
(with Katharina Michaelowa)

(with Harald Großmann and Georg Koopmann)

Die neue Welthandelsorganisation: Schrittmacher des Welthandels? (German version of preceding article), in: Wirtschaftsdienst, 71, 5, 1994, p. 256-264
(with Harald Großmann and Georg Koopmann)

Books, reports and studies

Trade and labelling of timber and timber products, HWWA discussion paper No. 38, Hamburg 1996, 25pp

3. Other fields

Academic journals


(with Katharina Michaelowa)

Books, reports and studies


Europäische Wachstumspolitik: Investitionsprogramme oder Deregulierung? Langfristige Perspektiven für ein beschäftigungintensives Wachstum (European growth policy: investment programs or deregulation?), in: König, Heinz (ed.): Bringt die EU-Beschäftigungs offensive den Aufschwung? (Does the EU employment action plan lead to the upturn?), ZEW-Analysen, Sonderband 1, Baden-Baden, 1994, p. 35-47
(with Erhard Kantzenbach)

Konsensorientierte Lehrevaluation: Das Beispiel Mannheim (Consensus-oriented evaluation of teaching), in: Berendt, Brigitte; Stary, Joachim (eds.): Evaluation zur Verbesserung der Qualität der Lehre und weitere Maßnahmen (Evaluation to enhance quality of teaching and further measures), Weinheim 1993, p. 193-198
(as Axel Schmidt-Rohr)