

## PERSONAL INFORMATION

Minx, Jan C.

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Date of birth: 1976

Nationality: German

URL for web site: <https://www.mcc-berlin.net/en/about/team/minx-jan.html>

## EDUCATION

- 2008 Ph.D., Environmental Economics and Management, University of York, United Kingdom
- 2003 M.Sc., Environmental Economics, University of York, United Kingdom
- 2001 Economics and Political Science, University of Cologne, Germany (B.A. equivalent)

## CURRENT POSITIONS

- 2018- Priestley Professor for Climate Change and Public Policy, Priestley International Centre for Climate, University of Leeds, United Kingdom
- 2015- Group Leader, Applied Sustainability Science, Mercator Research Institute on Global Commons and Climate Change (MCC), Berlin, Germany

## PREVIOUS POSITIONS

- 2015-2018 Professor for Science-Policy and Sustainable Development, Hertie School of Governance, Berlin, Germany
- 2011-2015 Head of Technical Support Unit, Intergovernmental Panel on Climate Change, Working Group III on Climate Change Mitigation, Potsdam Institute for Climate Impact Research, Potsdam, Germany
- 2010-2011 Co-Lead (with Felix Creutzig) of Group on Human Settlements and Climate Change, Chair for the Economics of Climate Change (Ottmar Edenhofer), Technical University Berlin, Germany
- 2008-2010 Senior Research Fellow, Stockholm Environment Institute, York Centre, University of York, United Kingdom
- 2006-2008 Stockholm Environment Institute, York Centre, University of York, United Kingdom

## SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

2008 – 2018 Over this period I have supervised, co-supervised or managed 10 post-doctoral fellows, 4 doctoral students and about 16 students at the master level.

## TEACHING ACTIVITIES

- 2015 – 2017 Core module on Advanced Statistics, Master of Public Policy, Hertie School of Governance, Berlin, Germany
- 2016 – 2017 Elective module on Statistical Tools for Evaluating Public Policies, Executive Master of Public Administration, Hertie School of Governance, Berlin, Germany
- 2009 – 2011 Invited individual lectures

## ORGANISATION OF SCIENTIFIC MEETINGS AND WORKSHOPS

- 2019 Co-organizer of the two-day high-level Australian-German Energy Symposium in Melbourne, Australia, 150 participants
- 2018 International 3-day workshop “Learning on Climate Solutions” to kick-start robust evidence synthesis in the social sciences, Berlin, Germany, 80 participants
- 2016-2018 Co-organizer of three international project workshops in Berlin and Potsdam, Germany, each 50 participants
- 2011-2015 Organizer of one stakeholder meeting for IPCC Working Group III in Washington D.C. (USA) and three expert meetings on geoengineering, ethics and scenarios in Lima (Peru) and Laxenburg (Austria) each with about 100 participants
- 2014 Co-organizer of five-day IPCC Working Group III approval session with about fifty scientists and more than 100 country delegations;
- 2011- 2013 Main organizer of four, five-day lead author meetings for the Intergovernmental Panel on Climate Change (IPCC) Working Group III on Climate Change Mitigation in Changwon

(South Korea), Wellington (New Zealand), Bilbao (Spain) and Addis Abeba (Ethiopia) each with about 300 participants

### **INSTITUTIONAL RESPONSIBILITIES**

- 2018 – Management Committee, Priestley International Centre for Climate, University of Leeds, United Kingdom
- 2017 – Co-Director of the Energy Transition Hub - an Australian-German innovation partnership (<https://www.energy-transition-hub.org/>)
- 2015 – Management Team, Mercator Research Institute on Global Commons and Climate Change (MCC), Berlin, Germany
- 2013 – 2015 Member of the Communication Action Team, Intergovernmental Panel on Climate Change, Geneva, Switzerland
- 2011 – 2015 Advisor to the Executive Committee, Intergovernmental Panel on Climate Change, Geneva, Switzerland
- 2011 – 2015 Representative of Working Group III Technical Support Unit in the Plenary of the Intergovernmental Panel on Climate Change, Geneva, Switzerland

### **COMMISSIONS OF TRUST**

- 2019- Co-Chair and Editor of the Campbell Coordinating Group on Climate Solutions, Campbell Collaboration (high quality, transparent and policy-relevant evidence syntheses), Oslo, Norway
- 2019- Executive Board Member, Dialogue activities of the funding program on the Economics of Climate Change, Ministry for Education and Research (BMBF), Berlin, Germany
- 2019- Editorial Board Member, *Environmental Research Letters* (IF: 6.2), IOP Publishing
- 2018 - Guest Editor for Focus on Evidence Synthesis for Climate Solutions, *Environmental Research Letters* (IF: 6.2), IOP Publishing
- 2018 - Guest Editor for Focus on Demand-Side Solutions for Transitioning to Low-Carbon Societies, *Environmental Research Letters* (IF: 6.2), IOP Publishing
- 2018- Coordinating Lead Author, Intergovernmental Panel on Climate Change (IPCC), Sixth Assessment Report (AR6) Working Group III (Mitigation) Chapter on “Emission Trends and Drivers,” Geneva, Switzerland
- 2017- Editorial Board Member, *Carbon Balance and Management* (IF: 4.4), Springer Nature
- 2009- Internship
- 2016 – 2017 UN emissions gap report
- 2012-2014 Core Writing Team of the Synthesis Report, Intergovernmental Panel on Climate Change (IPCC), Fifth Assessment Report (AR5) Working Group III (Mitigation), Geneva Switzerland
- 2012-2014 Coordination Lead Author, Intergovernmental Panel on Climate Change (IPCC), Fifth Assessment Report (AR5) Working Group III (Mitigation), Technical Summary, Geneva, Switzerland
- 2012-2014 Author of the Summary for Policymakers, Intergovernmental Panel on Climate Change (IPCC), Fifth Assessment Report (AR5) Working Group III (Mitigation), Geneva, Switzerland
- 2011-2019 Editorial Board Member, *Economic Systems Research* (IF: 3.6), Taylor & Francis Publishing

### **CAREER BREAKS**

- August-September 2014 (2 months), parental leave of absence due to birth of first daughter
- September-October 2017 and April-September 2018 (8 months), parental leave of absence due to birth of second daughter

## Track record

**Dr. Jan C. Minx** is Head of the Working Group Applied Sustainability Sciences at the Mercator Research Institute on Global Commons and Climate Change (MCC) in Berlin. He is also Professor for Climate Change and Public Policy at the Priestley International Centre for Climate at the University of Leeds and Co-Director of the Energy Transition Hub – an Australian-German research and innovation partnership. Prof. Minx works on a broad range of topics in climate change mitigation and sustainable development such as pathways to climate neutrality, the role, potential and risks of carbon dioxide removal technologies and their governance, urban climate change mitigation strategies or just transitions and the global coal phase-out. Methodologically, his current focus is on evidence synthesis. One part explores how artificial intelligence can be used to scale evidence synthesis methods to huge bodies of evidence and apply them in the context of global environmental assessments. Another part is working on how different evidence synthesis traditions can be combined to lift evidence synthesis and global environmental assessments to the next level. In the past, he made significant contributions to scientific discussions around carbon footprinting, emission transfers from international trade as well as drivers of greenhouse gas emissions.

Prof. Minx has contributed substantially to the recent work of the IPCC, which received the Nobel Peace Prize in 2007. He is currently a Coordinating Lead Author of the IPCC's Sixth Assessment Report, where he co-leads the chapter on emission trends and drivers in Working Group III Mitigation of Climate Change. In the Fifth Assessment Report (AR5), which was the main scientific input that informed the negotiations of the Paris Agreement, he was Coordinating Lead Author of the Technical Summary, Lead Author of the Summary for Policymakers as well as Core Writing Team member of the Synthesis Report. As Head of the Technical Support Unit (TSU) he organized the AR5 assessment scientifically and operationally leading a team of 15 people. In this capacity, he also contributed to the reform of IPCC procedures, represented the TSU in Panel and Bureau sessions, contributed to the IPCC communication strategy as well as the establishment of the Communication Action Team as well as served on the Executive Committee.

Prof. Minx publishes regularly in some of the most esteemed scientific journals such as *Science* (3), *Nature* (2), *Nature Climate Change* (7) or the *Proceedings of the National Academies of Sciences of the United States* (1). His work has also featured in *Global Environmental Change*, *Environmental Research Letters*, *Climatic Change*, *Energy & Environmental Science*, *Environmental Science & Technology*, *Journal of Industrial Ecology*, *Annual Review of Environment and Resources*, *The Lancet Planetary Health*, *Economics Systems Research*, *Climate Policy*, *Current Opinion in Environmental Sustainability*, *Ecological Economics*, *Energy Policy*, *Environmental Science and Policy*, *Global Sustainability*, *Global Transitions*, *Global Challenges*, *International Journal of Global Energy Issues* and *Water*. He has further contributed to more than twenty book chapters and reports. He has been cited more than 14,000 times according to Google Scholar with annual citations tracking >2400 in 2018. His *h*-index is 39 according to Google Scholar and 29 according to the Web of Science. Four of his publications have received more than 1,000 citations and twenty publications more than 100 citations. He is on the Editorial Board of *Environmental Research Letters*, *Carbon Balance and Management* and formerly *Economic Systems Research*.

Prof. Minx has played a key role in winning and managing collaborative research grants worth more than €20 million. Projects have been funded by the German Ministry for Education and Research, Deutsche Forschungsgemeinschaft, German Environment Agency, European Commission, UK Department for Environment, Food and Rural Affairs, WWF Germany and Sweden, UK research councils (ESRC, EPSRC, NERC), European Environmental Protection Agency as well as the UK Sustainable Development Commission.

In terms of impact, Prof. Minx has written Op-eds in German and international newspapers as well as blogs such as *Guardian*, *Huffington Post*, *Washington Post*, *Carbon Brief*, *Die Zeit* or *Wirtschaftswoche* and regularly appears on the radio. His work has been prominently covered in major international newspapers or science magazines including two “chart of the day”-features in *The Economist* or a multi-page story on the role of carbon dioxide removal in climate change mitigation based of his recent work in the *Scientific American*. Similarly, most recent scientific assessments including UN Environment – Emissions Gap Report, the IPCC Special Reports on Global Warming of 1.5°C (SR1.5) as well as Climate Change and Land or the National Academy of Sciences feature his work. Prof. Minx has been invited multiple times to talk at the international climate change negotiations both at UNFCCC side-events, but also as part of in-session events (research dialogue, in-session workshops).

## Publications

- Lamb, W. F., and J. C. Minx (2020). “The political economy of national climate policy: Architectures of constraint and a typology of countries”, Energy Research & Social Science **64**: 101429.
- Callaghan, M. W., **J. C. Minx**, and P.M. Forster (2020), “A Topography of Climate Change Research”, Nature Climate Change **10**: 118-123.
- Minx, J. C.**, N. R. Haddaway, and K. L. Ebi (2019). “Planetary health as a laboratory for enhanced evidence synthesis”, The Lancet Planetary Health **3**(11): 443-445.
- van Soest, H. L., Detlef P. van Vuurena, Jérôme Hilairec, **J. C. Minx**, Mathijs J.H.M. Harmsena, Volker Krey, Alexander Popp, Keywan Riahi and, Gunnar Luderer (2019). “Sustainable Development Goals: Analysing Interactions with Integrated Assessment Models”, Global Transitions (1): 210-225.
- Hepburn, Cameron, Ella Adlen, John Beddington, Emily A. Carter, Sabine Fuss, Niall Mac Dowell, **J.C. Minx**, Pete Smith, and Charlotte K. Williams. 2019. “The Technological and Economic Prospects for CO2 Utilization and Removal.” Nature **574** (7780).
- Hilaire, Jérôme, **J. C. Minx**, Max W. Callaghan, James E. Edmonds, Gregory F. Nemet, Joeri Rogelj, and Maria del Mar Zamora (2019). “Negative Emissions and International Climate Goals - Learning from and about Mitigation Scenarios.” Climatic Change (forthcoming).
- Smith, Pete, Justin Adams, David J. Beerling, Tim Beringer, Katherine V. Calvin, Sabine Fuss, Bronson Griscom, Nikolas Hagemann, Claudia Kammann, Florian Kraxner, Jan C. Minx, Alexander Popp, Phil Renforth, Jose Luis Vicente Vicente, and Saskia Keesstra (2019). “Impacts of Land-Based Greenhouse Gas Removal Options on Ecosystem Services and the United Nations Sustainable Development Goals.” Annual Review of Environment and Resources **44**: 255-286.
- Lamb, William F., Felix Creutzig, Max W. Callaghan, and **J. C. Minx** (2019). “Learning about Urban Climate Solutions from Case Studies.” Nature Climate Change **9**(4): 279-287.
- Creutzig, Felix, Christian Breyer, Jérôme Hilaire, **J. C. Minx**, Glen P. Peters, and Robert Socolow (2019). “The Mutual Dependence of Negative Emission Technologies and Energy Systems.” Energy & Environmental Science **12**(6): 1805-1817.
- Creutzig, Felix, Timon McPhearson, **J. C. Minx**, William F. Lamb, Brenna Walsh, Xuemei Bai, Steffen Lohrey, Alexander Baklanov, Richard Dawson, Shobhakar Dhakal, and Esteban Munoz (2019). “Upscaling Urban Data Science for Global Climate Solutions.” Global Sustainability **2**, e2: 1-25.
- Ward, Hauke, Leonie Wenz, Jan C. Steckel, and **J. C. Minx** (2018). “Truncation Error Estimates in Process Life Cycle Assessment Using Input-Output Analysis.” Journal of Industrial Ecology **22**(5): 1080-1091
- Lenzi, Dominic, William F. Lamb, Jérôme Hilaire, Martin Kowarsch, and **J. C. Minx** (2018). “Don’t Deploy Negative Emissions Technologies without Ethical Analysis.” Nature **561**(7723):303–5.
- Kriegler, Elmar, Christoph Bertram, Takeshi Kuramochi, Michael Jakob, Michaja Pehl, Miodrag Stevanović, Niklas Höhne, Gunnar Luderer, **J. C. Minx**, Hanna Fekete, Jérôme Hilaire, Lisa Luna, Alexander Popp, Jan Christoph Steckel, Sebastian Sterl, Amsalu Woldie Yalew, Jan Philipp Dietrich, and Ottmar Edenhofer (2018). “Short Term Policies to Keep the Door Open for Paris Climate Goals.” Environmental Research Letters **13**(7), 074022.
- Bertram, Christoph, Gunnar Luderer, Alexander Popp, **J. C. Minx**, William F. Lamb, Miodrag Stevanović, Florian Humpenöder, Anastasis Giannousakis, and Elmar Kriegler (2018). “Targeted Policies Can Compensate Most of the Increased Sustainability Risks in 1.5 °c Mitigation Scenarios.” Environmental Research Letters **13** (6), 064038.
- Minx, J. C.**, William F. Lamb, Max W. Callaghan, Sabine Fuss, Jérôme Hilaire, Felix Creutzig, Thorben Amann, Tim Beringer, Wagner de Oliveira Garcia, Jens Hartmann, Tarun Khanna, Dominic Lenzi, Gunnar Luderer, Gregory F. Nemet, Joeri Rogelj, Pete Smith, Jose Luis Vicente Vicente, Jennifer Wilcox, and Maria del Mar Zamora Dominguez (2018). “Negative Emissions—Part 1: Research Landscape and Synthesis.” Environmental Research Letters **13**(6):063001.
- Fuss, Sabine, William F. Lamb, Max W. Callaghan, Jérôme Hilaire, Felix Creutzig, Thorben Amann, Tim Beringer, Wagner de Oliveira Garcia, Jens Hartmann, Tarun Khanna, Gunnar Luderer, Gregory F. Nemet, Joeri Rogelj, Pete Smith, José Luis Vicente Vicente, Jennifer Wilcox, Maria del Mar Zamora Dominguez, and **J. C. Minx** (2018). “Negative Emissions—Part 2: Costs, Potentials and Side Effects.” Environmental Research Letters **13**(6):063002.

Nemet, Gregory F., Max W. Callaghan, Felix Creutzig, Sabine Fuss, Jens Hartmann, Jérôme Hilaire, William F. Lamb, **J. C. Minx**, Sophia Rogers, and Pete Smith (2018). “Negative Emissions—Part 3: Innovation and Upscaling.” Environmental Research Letters 13(6):063003.

Creutzig, Felix, Joyashree Roy, William F. Lamb, Inês M. L. Azevedo, Wändi Bruine De Bruin, Holger Dalkmann, Oreane Y. Edelenbosch, Frank W. Geels, Arnulf Grubler, Cameron Hepburn, Edgar G. Hertwich, Radhika Khosla, Linus Mattauch, **J. C. Minx**, Anjali Ramakrishnan, Narasimha D. Rao, Julia K. Steinberger, Massimo Tavoni, Diana Ürge-Vorsatz, and Elke U. Weber. 2018. “Towards Demand-Side Solutions for Mitigating Climate Change.” Nature Climate Change 8(4): 260-263.

Lamb, William F., Max W. Callaghan, Felix Creutzig, Radhika Khosla, and **J. C. Minx** (2018). “The Literature Landscape on 1.5 °C Climate Change and Cities.” Current Opinion in Environmental Sustainability 30: 26-34.

McCollum, David L., Luis Gomez Echeverri, Sebastian Busch, Shonali Pachauri, Simon Parkinson, Joeri Rogelj, Volker Krey, **J. C. Minx**, Måns Nilsson, Anne-Sophie Stevance, and Keywan Riahi (2018). “Connecting the Sustainable Development Goals by Their Energy Inter-Linkages.” Environmental Research Letters 13(3): 033006.

**Minx, J. C.** (2017). Better data for assessing local climate policies. Environmental Research Letters 12(5): 051001.

**Minx, J. C.**, M. Callaghan, W. F. Lamb, J. Garard, and O. Edenhofer (2017). Learning about climate change solutions in the IPCC and beyond. Environmental Science & Policy 77: 252-259.

**Minx, J. C.**, W. Lamb, M. W. Callaghan, L. Bornmann, and S. Fuss (2017). Fast growing research on negative emissions. Environmental Research Letters 12(3): 1-10.

Kowarsch, M., J. Jabbour, C. Flachslund, M. T. J. Kok, R. Watson, P. M. Haas, **J. C. Minx**, J. Alcamo, J. Garard, P. Rioussset, L. Pintér, C. Langford, Y. Yamineva, C. O. R. von Stechow and O. Edenhofer. 2017. A road map for global environmental assessments. Nature Climate Change 7: 379-382.

Ward, H., L. Wenz, J. C. Steckel, and **J. C. Minx** (2017). Truncation Error Estimates in Process Life Cycle Assessment Using Input-Output Analysis. Journal of Industrial Ecology: forthcoming.

Knopf, B., Fuss, S., Hansen, G., Creutzig, F., **Minx, J. C.** and Edenhofer, O. (2017). From targets to action: rolling up our sleeves after Paris. Global Challenges 1(2).

Creutzig, F., Agoston, P., **Minx, J. C.**, Canadell, J. G., Andrew, R. M., LeQuere, C., Peters, G. P., Sharifi, A., Yamagata, Y. and Dhakal, S. (2016). Urban infrastructure choices structure climate solutions. Nature Climate Change 6(12), 1054-1056.

Hallegraeve, S., Rogelj, J., Allen, M. R., Clarke, L., Edenhofer, O., Field, C. B., Friedlingstein, P., van Kesteren, L., Knutti, R., Mach, K. J., Mastrandrea, M., Michel, A., **Minx, J.C.**, Oppenheimer, M., Plattner, G.-K., Riahi, K., Schaeffer, M., Stocker, T. F., & van Vuuren, D. P. (2016). “Mapping the climate change challenge”. Nature Climate Change 6, 663-668.

von Stechow, C., **Minx, J.C.**, Riahi, K., Jewell, J., McCollum, D. L., Callaghan, M. W., Bertram, C., Luderer, G., & Baiocchi, G. (2016). “2 °C and SDGs: united they stand, divided they fall?” Environmental Research Letters, 11(3).

Creutzig, F., Jochem, P., Edelenbosch, O. Y., Mattauch, L., Vuuren, D. P. v., McCollum, D., & **Minx, J.C.** (2015). “Transport: A roadblock to climate change mitigation?” Science, 350(6263), 911-912.

Smith, P., Davis, S. J., Creutzig, F., Fuss, S., **Minx, J.C.**, Gabrielle, B., Kato, E., Jackson, R. B., Cowie, A., Kriegler, E., van Vuuren, D. P., Rogelj, J., Ciais, P., Milne, J., Canadell, J. G., McCollum, D., Peters, G., Andrew, R., Krey, V., Shrestha, G., Friedlingstein, P., Gasser, T., Grubler, A., Heidug, W. K., Jonas, M., Jones, C. D., Kraxner, F., Littleton, E., Lowe, J., Moreira, J. R., Nakicenovic, N., Obersteiner, M., Patwardhan, A., Rogner, M., Rubin, E., Sharifi, A., Torvanger, A., Yamagata, Y., Edmonds, J., & Yongsung, C. (2016). “Biophysical and economic limits to negative CO<sub>2</sub> emissions”. Nature Climate Change, 6(1), 42-50.

von Stechow, C., McCollum, D. L., Riahi, K., **Minx, J.C.**, Kriegler, E., van Vuuren, D. P., Jewell, J., Robledo-Abad, C., Hertwich, E., Tavoni, M., Mirasgedis, S., Lah, O., Roy, J., Mulugetta, Y., Dubash, N. K., Bollen, J., Ürge-Vorsatz, D., & Edenhofer, O. (2015). “Integrating Global Climate Change Mitigation Goals with Other Sustainability Objectives: A Synthesis”. Annual Review of Environment and Resources, 40(1), 363-394.

- Kagawa, S., Suh, S., Hubacek, K., Wiedmann, T., Nansai, K., & **Minx, J.C.** (2015). "CO<sub>2</sub> emission clusters within global supply chain networks: Implications for climate change mitigation". *Global Environmental Change*, **35**, 486-496.
- Baiocchi, G., F. Creutzig, **J.C. Minx** and P. Pichler (2015). "A Spatial Typology of Human Settlements and their CO<sub>2</sub> Emissions in England". *Global Environmental Change* **34**: 13-21.
- Edenhofer, O. and **J.C. Minx** (2014). "Mapmakers and navigators, facts and values". *Science* **345**(6192): 37-38.
- Hubacek, K., Feng, K., **Minx, J.C.**, Pfister S. and N. Zhou (2014). "Teleconnecting consumption to environmental impacts at multiple scales". *Journal of Industrial Ecology* **18**(1): 7-9.
- Minx, J.C.**, G. Baiocchi, T. Wiedmann, J. Barrett, F. Creutzig, K. Feng, M. Förster, P.-P. Pichler, H. Weisz and K. Hubacek (2013). "Carbon Footprints of Cities and Other Human Settlements". *Environmental Research Letters* **8**: 1-10.
- F. Creutzig, A. Popp, R. Plevin, G. Luderer, **Minx, J.C.** and O. Edenhofer (2012). "Reconciling top-down and bottom-up modelling on future bioenergy deployment". *Nature Climate Change* **2**: 320-327.
- Minx, J.C.**, G. Baiocchi, G. P. Peters, C. L. Weber, D. Guan and K. Hubacek (2011). "A Carbonizing Dragon: China's Growing CO<sub>2</sub> Emissions Revisited". *Environmental Science & Technology* **45**: 9144-9153.
- Sinden, G., G. P. Peters, C. L. Weber and **J.C. Minx** (2011). "Producing and Consuming Greenhouse Gas Emissions: the International Flows of Embodied CO<sub>2</sub> with an Application to Aluminium and the European Union emissions trading scheme". *Climate Policy* **11**: 1226-1245.
- Peters, G. P., **J.C. Minx**, C. L. Weber and O. Edenhofer (2011). "Emission transfers via international trade exceed emission reductions in the Kyoto Protocol". *Proceedings of the National Academy of Sciences* **108**(21): 8903-8908.
- Kagawa, S., K. Nansai, Y. Kondo, K. Hubacek, S. Suh, **J.C. Minx**, Y. Kudoh, T. Tasaki and S. Nakamura (2011). "The Role of Motor Vehicle Lifetime Extension in Climate Change Policy". *Environmental Science & Technology* **45**(4): 1184-1191.
- Creutzig, F., E. McGlynn, **J.C. Minx** and O. Edenhofer (2011). "Climate Policies for Road Transport Revisited: Evaluation of the Current Framework". *Energy Policy* **39**(5): 2396-2406.
- Feng, K., K. Hubacek, **J.C. Minx**, Y. L. Siu, A. K. Chapagain, Y. Yang, D. Guan and J. Barrett (2011). "Spatially Explicit Analysis of Water Footprints in the UK". *Water* **3**(1): 47-63.
- Baiocchi, G. and **J.C. Minx** (2010). "Understanding Changes in the UK's CO<sub>2</sub> Emissions: A Global Perspective". *Environmental Science & Technology* **44**(4): 1177-1184.
- Wiedmann, T., R. Wood, **J.C. Minx**, M. Lenzen, D. Guan and R. Harris (2010). "A Carbon Footprint Time Series of the UK - Results from a Multi-Region Input-Output Model". *Economic Systems Research* **22**(1).
- Baiocchi, G., **J.C. Minx** and K. Hubacek (2010). "The Impact of Social Factors and Consumer Behavior on CO<sub>2</sub> emissions in the UK: a Panel Regression Based on Input-Output and Geo-demographic Consumer Segmentation Data". *Journal of Industrial Ecology* **14**(1): 50-72.
- Feng, K., K. Hubacek, D. Guan, M. Contestabile, **J.C. Minx** and J. Barrett (2010). "Distributional Effects of Climate Change Taxation". *Environmental Science & Technology* **44**(10): 3670-3676.
- Peters, G. P., D. Guan, K. Hubacek, **J. C. Minx** and C. L. Weber (2010). "China's road to sustainability: A response". *Science* **328**: 824-825.
- Minx, J.C.**, T. Wiedmann, R. Wood, G. Peters, M. Lenzen, A. Owen, K. Scott, J. Barrett, K. Hubacek, G. Baiocchi, A. Paul, E. Dawkins, J. Briggs, D. Guan, S. Suh and F. Ackerman (2009). "Multi-regional Input-Output Analysis and Carbon Footprinting: An overview of UK applications". *Economic Systems Research* **21**(3): 187-216.
- Wiedmann, T., **J.C. Minx**, J. Barrett and M. Wackernagel (2006). "Allocating ecological footprints to final consumption categories with input-output analysis". *Ecological Economics* **56**(1): 28-48.
- Munksgaard, J., L.-L. Pade, **J.C. Minx** and M. Lenzen (2005). "Influence of trade on national CO<sub>2</sub> emissions". *International Journal of Global Energy Issues* **23**(4): 324.

**IPCC and other global environmental assessments**

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UNEP (2017)

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Edenhofer, O., Pichs-Madruga, R., Sokona, Y., Kadner, S., **Minx, J. C.**, Brunner, S., . . . Zwickel, T. (2014). Technical Summary Climate Change 2014: Mitigation of Climate Change. Contribution of Working Group III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change [Edenhofer, O., R. Pichs-Madruga, Y. Sokona, E. Farahani, S. Kadner, K. Seyboth, A. Adler, I. Baum, S. Brunner, P. Eickemeier, B. Kriemann, J. Savolainen, S. Schlömer, C. von Stechow, T. Zwickel and **J.C. Minx** (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA. [Coordinating Lead Author Working Group 3: Technical Summary]

IPCC. (2014c). Summary for Policymakers Climate Change 2014: Mitigation of Climate Change. Contribution of Working Group III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change [Edenhofer, O., R. Pichs-Madruga, Y. Sokona, E. Farahani, S. Kadner, K. Seyboth, A. Adler, I. Baum, S. Brunner, P. Eickemeier, B. Kriemann, J. Savolainen, S. Schlömer, C. von Stechow, T. Zwickel and **J.C. Minx** (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA. [Lead author Working Group 3: Summary for Policymakers]

IPCC. (2014b). Climate Change 2014: Synthesis Report. Contribution of Working Groups I, II and III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change. Geneva, Switzerland: IPCC. [Core Writing Team Member: Synthesis Report]#

**Newspaper articles, blogs (examples)**

**J.C. Minx** and A. Colell (2020). The Plan for a Circular Carbon Economy. [The World Post](#), January 22.

**J.C. Minx** (2018). How can climate policy stay on top of a growing mountain of data?, [The Guardian](#), June 12.

**J.C. Minx**, S. Fuss and G. Nemet (2018). Seven key things to know about negative emissions, [Carbon Brief](#), June 1.

J.C. Minx and G. Nemet (2018). The inconvenient truth about carbon capture, [Washington Post](#), May 31.

Fuss, S. and **J.C. Minx** (2016). The gap between ambition and action in tackling global warming, [The Guardian](#), October 17<sup>th</sup>: <https://www.theguardian.com/science/political-science/2016/oct/17/the-gap-between-ambition-and-action-in-tackling-global-warming>

**Minx, J.C.** and S. Fuss (2016). These charts show what the Paris Climate Agreement is up against, [Huffington Post](#), 23<sup>rd</sup> August, [https://www.huffingtonpost.com/entry/charts-paris-climate\\_b\\_11458812.html](https://www.huffingtonpost.com/entry/charts-paris-climate_b_11458812.html).

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