

## CURRICULUM VITAE

### JUN.-PROF. DR. PAUL LEHMANN

January 2020

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Born in 1979, married, three children

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## EDUCATION

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- 01/2006 – 01/2010 Dr. rer. pol. (equiv. Ph.D. in Economics), Martin-Luther-University Halle-Wittenberg (Germany)
- Grade: Summa cum laude
  - Thesis: “Using a Policy Mix to Combat Climate Change – An Economic Evaluation of Policies in the German Electricity Sector”
  - Supervisor: Prof. Dr. Hansjürgens; Second Referee: Prof. Dr. Ahlert
- 10/1998 – 05/2004 Diplom-Betriebswirt (equiv. MBA), University of Leipzig (Germany)
- Grade: 1.3 (1.0 maximum)
  - Thesis: „An Economic Evaluation of the U.S. Conservation Reserve Program“
  - Erasmus student at Universidad de Deusto, San Sebastian (Spain), 10/2000 – 08/2001

## POSITIONS

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- Since 09/2018 Assistant Professor of Environmental and Energy Economics, Faculty of Economics and Management Science, University of Leipzig (Germany)
- Since 09/2017 Head of the Junior Research Group „Sustainable Deployment of Renewable Energies with Multiple Environmental Impacts – Policy Strategies to Mitigate Ecological Trade-offs of the Energy Transition“, Faculty of Economics and Management Science, University of Leipzig (Germany)
- 07/2008 – 08/2017 Research Fellow, Department of Economics, Helmholtz-Centre for Environmental Research - UFZ, Leipzig (Germany)  
Since 04/2013: Spokesman of the interdisciplinary Working Group Energy cross-cutting UFZ social science departments
- 05/2016 – 10/2016 Visiting Researcher, Institute for New Economic Thinking, University of Oxford (UK)
- 09/2005 – 12/2005 Visiting Researcher, Resources for the Future, Washington, DC (USA)
- 08/2004 – 06/2005 Research Assistant, Department of Economics, Helmholtz-Centre for Environmental Research - UFZ, Leipzig (Germany)

## FIELDS OF RESEARCH

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- Environmental and Resource Economics, Energy Economics
- New Institutional Economics and Political Economy
- Applied Microeconomics
- Applied to the analysis of energy, climate and water policy

## WORK IN PROGRESS

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- [a] “Managing spatial sustainability trade-offs: The case of wind power”, with C. Geiger, J. Hauck, J.-N. Meier, A. Nieber, P. Tafarte, E. Wolfram (all University of Leipzig).
- [b] “Trade-offs associated with the spatial allocation of future onshore wind generation capacity – A case study for Germany”, with P. Tafarte (University of Leipzig).
- [c] “Optimal siting of onshore wind turbines in the presence of local disamenities”, with F. Reutter, P. Tafarte (all University of Leipzig and UFZ).
- [d] “Managing the spatial externalities of RES Deployment: Uniform vs. Differentiated Regulation”, with C. Geiger (University of Leipzig).
- [e] “Optimal federal regulation of renewable energy expansion”, with J.-N. Meier (University of Leipzig).
- [f] “Addressing multiple externalities in a second-best setting: On the optimal design of climate and renewable energy policies”.
- [g] “Knowledge Accumulation from Public Renewable Energy R&D in the European Union: Converging or Diverging Trends?”, with E. Gawel, S. Strunz (both UFZ), J. Grafström, P. Söderholm (Luleå Technical University). Preliminary version [UFZ Discussion Paper 5/2017](#).
- [h] “The Political Economy of Addressing Security of Supply and Intermittency in the Electricity Market: The Case of Germany”, with E. Gawel, A. Purkus, S. Strunz (all UFZ), P. Söderholm (Luleå Technical University).
- [i] “Social implications of the German Energiewende – does the EEG cause affordability problems?”, with E. Gawel, H. Geißler (both UFZ), M. Nachreiner (University of Magdeburg).
- [j] “Influence of technological factors and usage patterns on electricity consumption: Are low-income households in Germany worse off?”, with Malte Nachreiner, Ellen Matthies (both University of Magdeburg), Kerstin Tews (Free University of Berlin).

REFEREED ARTICLES

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**2020/forthcoming**

- [1] Habermacher, F., **Lehmann, P.** (2020). "Commitment vs. Discretion in Climate and Energy Policy". Forthcoming in *Environmental and Resource Economics*.
- [2] Lauf, T., Ek, K., Gawel, E., **Lehmann, P.**, Söderholm, P. (2020). "The Regional Heterogeneity of Wind Power Deployment: An Empirical Investigation of Land-use Policies in Germany and Sweden". *Journal of Environmental Planning and Management*, 63(4), 751-778.

**2019**

- [3] Tafarte, P., **Lehmann, P.** (2019). "Trade-Offs associated with the spatial allocation of future onshore wind generation capacity – a case study for Germany". *Proceedings of the 16th International Conference on the European Energy Market (EEM)*, DOI: 10.1109/EEM.2019.8916287.
- [4] Gawel, E., **Lehmann, P.** (2019). "Should Renewable Energy Policy Be 'Renewable'?". *Oxford Review of Economic Policy*, 35(2), 218-243.
- [5] **Lehmann, P.**, Sijm, J., Gawel, E., Strunz, S., Chewprecha, U., Mercure, J.-F., Pollitt, H. (2019). "Addressing multiple externalities from electricity generation: A case for EU renewable energy policy beyond 2020?" *Environmental Economics and Policy Studies* 21(2), 255-283.

**2018**

- [6] **Lehmann, P.**, Söderholm, P. (2018). "Can Technology-Specific Deployment Policies Be Cost-Effective? The Case of Renewable Energy Support Schemes". *Environmental and Resource Economics* 71(2), 475-505.
- [7] Strunz, S., Gawel, E., **Lehmann, P.**, Söderholm, P. (2018). "Policy convergence as a multi-faceted concept: The case of renewable energy policies in the EU". *Journal of Public Policy* 38(3), 361–387.
- [8] Gawel, E., **Lehmann, P.**, Strunz, S., Heuson, C. (2018). "Public Choice barriers to efficient climate adaptation – Theoretical insight and lessons learned from German flood disasters". *Journal of Institutional Economics* 14(S3), 473-499.

**2017**

- [9] Gawel, E., **Lehmann, P.**, Purkus, A., Söderholm, P., Witte, K. (2017). "Rationales for technology-specific RES support and their relevance for German policy". *Energy Policy* 102, 16-26.

**2016**

- [10] Strunz, S., Gawel, E., **Lehmann, P.** (2016). "The political economy of renewable energy policies in Germany and the EU". *Utilities Policy* 42, 33-41.
- [11] Schaller, S., Jean-Baptiste, N., **Lehmann, P.** (2016). "Oportunidades y obstáculos para la adaptación urbana frente al cambio climático en América Latina. Casos de la Ciudad de México, Lima y Santiago de Chile". *EURE Revista de Estudios Urbano Regionales* 42(127): 257-278.
- [12] Felgendreher, S., **Lehmann, P.** (2016). "Public Choice and Urban Water Pricing - Analytical Framework and Evidence from Peru". *Journal of Environment and Development* 25(1), 73-99.

**2015**

- [13] **Lehmann, P.**, Brenck, M., Gebhardt, O., Schaller, S., Süßbauer, E. (2015). "Barriers and Opportunities for Urban Adaptation Planning: Analytical Framework and Evidence from Cities in Latin America and Germany." *Mitigation and Adaptation Strategies for Global Change* 20(1), 75-97.
- [14] Strunz, S., Gawel, E., **Lehmann, P.** (2015). "Towards a general "Europeanization" of EU Member States' energy policies?" *Economics of Energy & Environmental Policy* 4(2), 143-159.

**2014**

- [15] Barde, J.A., **Lehmann, P.** (2014). „Distributional Effects of Water Tariff Reforms – An Empirical Study for Lima, Peru". *Water Resources and Economics* 6, 30-57.
- [16] Creutzig, F., Goldschmidt, J.G., **Lehmann, P.**, Schmid, E., von Blücher, F., Breyer, C., Fernandez, B., Jakob, M., Knopf, B., Lohrey, S., Susca, T., Wiegandt, K. (2014). „Catching two European birds with one renewable stone: Mitigating climate change and Eurozone crisis by an energy transition." *Renewable and Sustainable Energy Reviews* 38, 1015-1028.
- [17] Gawel, E., Strunz, S., Lehmann, P. (2014). „Wie viel Europa braucht die Energiewende?" *Zeitschrift für Energiewirtschaft* 38(3), 163-182.
- [18] Gawel, E., Strunz, S., **Lehmann, P.** (2014). „A Public Choice View on the Climate and Energy Policy Mix in the EU - How do the Emissions Trading Scheme and Support for Renewable Energies Interact?" *Energy Policy* 64, 175-182.

**2013**

- [19] **Lehmann, P.** (2013). "Supplementing an Emissions Tax by a Feed-in Tariff for Renewable Electricity to Address Learning Spillovers." *Energy Policy* 61, 635-641.

- [20] **Lehmann, P.**, Gawel, E. (2013). "Why Should Support Schemes for Renewable Electricity Complement the EU Emissions Trading Scheme?" *Energy Policy* 52(C), 597-607.
- [21] Gawel, E., Korte, K., **Lehmann, P.**, Strunz, S. (2013). "Effizient oder nicht effizient – das ist hier die Frage! Spielt Effizienz in der Energiewendepolitik wirklich keine Rolle." *GAiA* 22(1), 14-17.
- [22] Gawel, E., Purkus, A., Korte, K., **Lehmann, P.** (2013). „Förderung der Markt- und Systemintegration erneuerbarer Energien - Perspektiven einer instrumentellen Weiterentwicklung“. *Vierteljahreshefte für Wirtschaftsforschung* 82(3), 123-136.
- [23] Gawel, E., Strunz, S., **Lehmann, P.** (2013). „Polit-ökonomische Grenzen des Emissionshandels und ihre Implikationen für die klima- und energiepolitische Instrumentenwahl“. *Zeitschrift für Umweltpolitik und Umweltrecht* 36(4), 406-435.
- [24] Gawel, E., Strunz, S., **Lehmann, P.** (2013). "Germany's energy transition under attack. Is there an inscrutable German Sonderweg?" *Nature and Culture* 8(2), 121-133.

#### 2012 and earlier

- [25] **Lehmann, P.** (2012). "Justifying a Policy Mix for Pollution Control: A Review of Economic Literature", *Journal of Economic Surveys* 26(1), 71-97.
- [26] **Lehmann, P.**, Creutzig, F., Ehlers, M.-H., Friedrichsen, N., Heuson, C., Hirth, L., Pietzcker, R. (2012). "Carbon Lock-Out: Advancing Renewable Energy Policy in Europe." *Energies* 5(2), 323-354.
- [27] Frondel, M., **Lehmann, P.**, Wätzold, F. (2012). "The Impact of Information on Landowners' Participation in Voluntary Conservation Programs – Theoretical Considerations and Empirical Evidence from Germany." *Land Use Policy* 29(2), 388-394.
- [28] Gawel, E., Korte, K., **Lehmann, P.**, Strunz, S. (2012). "Die deutsche Energiewende – ein Skandalon? Fehlalarm! Es drohen weder Planwirtschaft noch „Kosten-Tsunami“." *GAiA* 21(4), 278-283.
- [29] **Lehmann, P.**, Schleyer, C., Wätzold, F., Wüstemann, H. (2009). "Promoting Multifunctionality of Agriculture: An Economic Analysis of New Approaches in Germany." *Journal of Environmental Policy and Planning* 11(4), 315-332.

#### NON-REFEREED ARTICLES

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#### 2019

- Meier, J.-N., Bovet, J., Geiger, C., **Lehmann, P.**, Tafarte, P. (2019). „Fehlt im Klimapaket ein Flächenziel für die Windenergie an Land?“. *Wirtschaftsdienst* 99(12), 824-828.

Gawel, E., Strunz, S., **Lehmann, P.**, Purkus, A. (2019). "Towards a European Energy Transition? A Review of Current Policy Challenges and Scientific Debates". In: Gawel, E., Strunz, S., Lehmann, P., Purkus, A. (eds.), *The European Dimension of Germany's Energy Transition Opportunities and Conflicts*, Heidelberg: Springer, pp. 1-7.

**Lehmann, P.**, Gawel, E., Strunz, S. (2019). „EU Climate and Energy Policy Beyond 2020: Are Additional Targets and Instruments for Renewables Economically Reasonable?“. In: Gawel, E., Strunz, S., Lehmann, P., Purkus, A. (eds.), *The European Dimension of Germany's Energy Transition Opportunities and Conflicts*, Heidelberg: Springer, pp. 11-26.

Kunze, C., **Lehmann, P.** (2019). "The Myth of the Dark Side of the Energiewende". In: Gawel, E., Strunz, S., Lehmann, P., Purkus, A. (eds.), *The European Dimension of Germany's Energy Transition Opportunities and Conflicts*, Heidelberg: Springer, pp. 255-263.

Strunz, S., Gawel, E., Lehmann, P. (2019). „Between Energy Transition and Internal Market Agenda: The Impact of the EU Commission as a Distinct Energy Policy Actor“. In: Gawel, E., Strunz, S., Lehmann, P., Purkus, A. (eds.), *The European Dimension of Germany's Energy Transition Opportunities and Conflicts*, Heidelberg: Springer, pp. 413-430.

Lauf, T., Ek, K., Gawel, E., **Lehmann, P.**, Söderholm, P. (2019). „Wind Power Deployment as a Stressor for Ecosystem Services: A Comparative Case Study from Germany and Sweden“. In: Schröter, M., Bonn, A., Klotz, S., Seppelt, R., Baessler, C. (eds.), *Atlas of Ecosystem Services: Drivers, Risks, and Societal Responses*, Heidelberg: Springer, pp. 125-128.

**Lehmann, P.**, Gawel, E., Geiger, C., Korte, K., Meier, J.-N., Reutter, F., Tafarte, P. (2019). „Wie zielführend sind regionalisierte Ausschreibungen für die Windenergie?“ *Energiewirtschaftliche Tagesfragen* 69 (1/2), 88-92.

## 2017

**Lehmann, P.**, Gawel, E., Korte, K., Purkus, A. (2017). „20 Jahre EEG: Ist das Förderende für alte Anlagen ein Problem für die Energiewende?“ *Wirtschaftsdienst* 97(10), 727-732.

**Lehmann, P.**, Gawel, E., Purkus, A., Söderholm, P. (2017). „Ist eine technologiespezifische Erneuerbaren-Förderung wirklich ineffizient?“ *Energiewirtschaftliche Tagesfragen* 67(5), 19-24.

Gawel, E., Strunz, S., **Lehmann, P.** (2017). "Support policies for renewables. Instrument choice and instrument change from a Public Choice perspective". In: Arent, D., Arndt, C., Miller, M., Tarp, F., Zinaman, O. (eds.), *The Political Economy of Clean Energy Transitions*, Oxford: Oxford University Press, pp. 80-99.

Gawel, E., Geißler, H., **Lehmann, P.** (2017). Erschwinglichkeit der Stromversorgung und Förderung erneuerbarer Energien – eine empirische Analyse für Deutschland. In: Großmann, K., Schaffrin, A., Smigiel, C. (eds.), *Energie und soziale Ungleichheit: Zur gesellschaftlichen Dimension der Energiewende in Deutschland und Europa*, Heidelberg: Springer, pp. 319-346.

**2016**

**Lehmann, P.**, Gawel, E., Korte, K., Reeg, M., Schober, D. (2016). „Sichere Stromversorgung bei hohen Anteilen volatiler Erneuerbarer: Was kann ein Strommarkt 2.0 leisten?“. *Wirtschaftsdienst* 96(5), 344-350.

**2015**

**Lehmann, P.**, Söderholm, P. (2015). „Technology-neutral or Technology-specific? Designing Support Schemes for Renewable Energies Cost-effectively“. *IAEE Energy Forum*, Antalya Special Issue 2015, 13-15.

**Lehmann, P.**, Brandt, R., Gawel, E., Heim, S., Korte, K., Löschel, A., Massier, P., Reeg, M., Schober, D., Wassermann, S. (2015). „Capacity payments to secure electricity supply? On the future of Germany’s power market design“. *Energy, Sustainability and Society* 5, Article 15.

**Lehmann, P.**, Brandt, R., Gawel, E., Heim, S., Korte, K., Löschel, A., Massier, P., Reeg, M., Schober, D., Wassermann, S. (2015). „Braucht Deutschland jetzt Kapazitätzahlungen für eine gesicherte Stromversorgung?“ *Energiewirtschaftliche Tagesfragen* 65(1-2), 26-31.

**2014**

**Lehmann, P.**, Gawel, E., Strunz, S. (2014). „Abschied von europäischen Ausbauzielen für Erneuerbare? Eine fragwürdige Entscheidung“. *Zeitschrift für Umweltrecht* 25(4), 193-194.

**Lehmann, P.**, Strunz, S., Gawel, E., Korte, K. (2014). „EU-Energiepolitik nach dem Jahr 2020 - Vorteile eines Ziel- und Instrumentenmixes“, *Communications in GAI* 23(1), 60-61.

Gawel, E., **Lehmann, P.** (2014). „Die Förderung der erneuerbaren Energien nach der EEG-Reform 2014“. *Wirtschaftsdienst* 94(9), 651-658.

Gawel, E., **Lehmann, P.**, Korte, K., Strunz, S., Bovet, J., Köck, W., Massier, P., Löschel, A., Schober, D., Ohlhorst, D., Tews, K., Schreurs, M., Reeg, M., Wassermann, S. (2014). „Die Zukunft der Energiewende in Deutschland“. *Energiewirtschaftliche Tagesfragen* 64(4), 37-44.

Gawel, E., **Lehmann, P.**, Korte, K., Strunz, S., Bovet, J., Köck, W., Massier, P., Löschel, A., Schober, D., Ohlhorst, D., Tews, K., Schreurs, M., Reeg, M., Wassermann, S. (2014). „Die Zukunft der Energiewende in Deutschland“. *Zeitschrift für Umweltrecht* 25(4), 219-225.

Gawel, E., **Lehmann, P.**, Korte, K., Strunz, S., Bovet, J., Köck, W., Massier, P., Löschel, A., Schober, D., Ohlhorst, D., Tews, K., Schreurs, M., Reeg, M., Wassermann, S. (2014). „The Future of the energy transition in Germany“. *Energy, Sustainability and Society* 4, Article 15.

Heuson, C., Gawel, E., **Lehmann, P.** (2014). „State of the art on the economics of adaptation.“ In: Markandya, A., Galarraga, I., Sainz de Murieta, E. (eds.), *Routledge Handbook on Economics of Adaptation to Climate Change*, London: Routledge, pp. 27-55.



Strunz, S., Gawel, E., **Lehmann, P.** (2014). „On the Alleged Need to Strictly Europeanise the German Energiewende.“ *Intereconomics* 49(5): 244-250.

## 2012 and earlier

Gawel, E., Korte, K., **Lehmann, P.**, Strunz, S. (2012). „Kosten der Energiewende – Fakten und Mythen.“ *Energiewirtschaftliche Tagesfragen* 62(11), pp. 39-44.

Gawel, E., **Lehmann, P.** (2011). „Macht der Emissionshandel die Förderung erneuerbarer Energien überflüssig?“ *Energiewirtschaftliche Tagesfragen* 61(3), pp. 24-28.

Hansjürgens, B., **Lehmann, P.** (2009). „Instrumente in der deutschen Klimapolitik – Policy Mix oder Policy Mess?“ In: Beckenbach, F., Hampicke, U., Leipert, C., Meran, G., Minsch, J., Nutzinger, H.G., Pfriem, R., Weimann, J., Wirl, F., Witt, U. (eds.), *Diskurs Klimapolitik. Jahrbuch Ökologische Ökonomik* 6. Marburg: Metropolis, pp. 238-253.

**Lehmann, P.**, Langenbach, K., Braun, J. (2008). „Kraftstoff aus Biomasse - SunDiesel® der CHOREN Industries GmbH.“ In: von Abendroth, G., Dombrowsky, M., Hennings, D., Jähnig, S., Lotz, E.M., Sobótka, M., Stock, J., Ulbig, A., Wesner, P., Wittmann, T. (eds.), *Gemacht für die Zukunft – Kreislaufwirtschaft in der Unternehmenspraxis*. Hamburg: Murmann, pp. 110-123.

**Lehmann, P.** (2008). „CO<sub>2</sub>-Emissions Trading and Instrument Mix: An Economic Perspective“. In: Rodi, M. (ed.), *Emissions Trading in Europe: Review and Preview. Vol. 2 of the Proceedings of the Summer Academy „Energy and the Environment“*, Greifswald, 16-29 July 2006. Berlin: Lexxion, pp. 27-46.

**Lehmann, P.** (2008). „Klima- und Energiepolitik in Deutschland – Tun wir zu viel des Guten?“ In: Creutzig, F., Goldschmidt, J.C. (eds.), *Energie, Macht, Vernunft – Der umfassendere Blick auf die Zukunft unserer Energieversorgung*. Aachen: Shaker, pp. 143-160.

**Lehmann, P.** (2006). „Book Review: The Institutional Economics of Market-based Climate Policy, by Edwin Woerdman“, *European Environment* 16(2), pp. 123-124.

## MONOGRAPHS

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**Lehmann, P.**, Gawel, E., Jöhrens, J., Korte, K., Lambrecht, U. (2020). „Technologieneutralität im Kontext der VerkehrswendeKritische Beleuchtung eines Postulats – Kurzfassung“. Studie im Auftrag für Agora Verkehrswende. [Kurzfassung](#). [Langfassung](#).

Gawel, E., Strunz, S., **Lehmann, P.**, Purkus, A. (eds.) (2019). „The European Dimension of Germany’s Energy Transition – Opportunities and Conflicts“. Heidelberg: Springer.

Gawel, E., **Lehmann, P.**, Purkus, A., Söderholm, P., Strunz, S. (2017). [„Political Economy of Safe-guarding Security of Supply with High Shares of Renewables - Review of Existing Research and Lessons from Germany“](#). *Energiforsk Report* 2017:441.

Reeg, M., Brandt, R., Gawel, E., Heim, S., Korte, K., **Lehmann, P.**, Massier, P., Schober, D., Wassermann, S. (2015). [„Kapazitätsmechanismen als Rettungsschirm der Energiewende? Zur Versorgungssicherheit bei hohen Anteilen fluktuierender Erneuerbarer“](#). *ENERGY-TRANS Discussion Paper 1/2015*.

**Lehmann, P.**, Brandt, R., Gawel, E., Heim, S., Korte, K., Löschel, A., Massier, P., Reeg, M., Schober, D., Wassermann, S. (2015). [„Braucht Deutschland jetzt Kapazitätzahlungen für eine gesicherte Stromversorgung?“/„Capacity payments to secure electricity supply? On the future of Germany’s power market design“](#). *ENERGY-TRANS Policy Brief 1/2015*.

Anthonj, C., Beskow, S., Dornelles, F., Fushita, A., Galharte, C., Galvão, P., Gatti Junior, P., Gücker, B., Hildebrandt, A., Karthe, D., Knillmann, S., Kotsila, P., Krauze, K., Leal Silva, A., **Lehmann, P.**, Moura, P., Periotto, N., Rodrigues Filho, J., dos Santos, D., Selge, F., Silva, T., Soares, R., Strohbach, M., Suhogusoff, A., Wahfried, I., Zandonà, E., Zasada, I. (2014). [“Water in Urban Regions: Building Future Knowledge to Integrate Land Use, Ecosystem Services and Human Health”](#). *Science Policy Report*. Rio de Janeiro/Berlin/Halle: Academia Brasileira de Ciencias/Die Junge Akademie/German National Academy of Sciences Leopoldina.

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Heuson, C., Gawel, E., Gebhardt, O., Hansjürgens, B., **Lehmann, P.**, Meyer, V., Schwarze, R. (2012). [“Fundamental Questions on the Economics of Climate Adaptation - Outlines of a New Research Programme.”](#) *UFZ Report 05/2012*, Helmholtz-Centre for Environmental Research – UFZ, Leipzig, 2012

Heuson, C., Gawel, E., Gebhardt, O., Hansjürgens, B., **Lehmann, P.**, Meyer, V., Schwarze, R. (2012). [“Ökonomische Grundfragen der Klimaanpassung - Umriss eines neuen Forschungsprogramms.“](#) *UFZ Bericht 02/2012*, Helmholtz-Centre for Environmental Research – UFZ, Leipzig, 2012.

**Lehmann, P.** (2011). [“Using Prices to Address the Affordability of Urban Water Supply – Options and Limits”](#). *UFZ Discussion Paper 10/2011*, Helmholtz-Centre for Environmental Research – UFZ, Leipzig.

**Lehmann, P.** (2010). [“Combining Emissions Trading and Emissions Taxes – Implications for Efficiency”](#). *UFZ Discussion Paper 4/2010*, Helmholtz-Centre for Environmental Research – UFZ, Leipzig.

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**Lehmann, P.**, Schröter-Schlaack, C. (2008). [“Regulating Land Development Control with Tradable Permits: What Can We Learn from Air Pollution Control?”](#) *Working Paper No. 72*, Faculty of Economics and Business Administration, University of Leipzig, 2008.

**Lehmann, P.** (2005). [“An Economic Evaluation of the U.S. Conservation Reserve Program”](#), *UFZ Discussion Paper 1/2005*, Helmholtz-Centre for Environmental Research – UFZ, Leipzig.

MEDIA COVERAGE, GUEST COLUMNS, SCIENCE BLOGS

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[„Verbot des Verbrenners – Ökologische Denkfabrik kritisiert Idee der Grünen“](#) (by Wetzel, D.), Welt Online, 24 January 2020.

[„Warum es sich lohnt, Batterieantriebe zu fördern“](#) (by Kugoth, J.), Tagesspiegel Background, 22 January 2020.

[„Kohlefahrplan gefährdet Klimaziel“](#) (by Zaremba, N.), Tagesspiegel Background, 20 January 2020.

[„Nie wieder Flugscham“](#) (by Meller, L.), Luhze, 17 January 2020.

[„Das Rad neu erfinden“](#) (by Klaaßen, L.), Helmholtz Perspektiven 04/2019, pp. 26-29.

[„Windrad sucht Standort“](#) (by Nieber, A., **Lehmann, P.**, Geiger, C., Meier, J.-N., Tafarte, P., Wolfram, E.), Katapult Magazin 4/2019, pp. 23-31.

[„Diess holt sich Abfuhr bei Politik und Wissenschaft“](#) (by Kugoth, J.), Tagesspiegel Background, 14 March 2019.

[„Gegen eine voreilige Regionalisierung von Ausschreibungen für Windenergie“](#) (by **Lehmann, P.** and Gawel, E.), Tagesspiegel Background, 4 November 2018.

„Alte Windkraftanlagen gehen in drei Jahren vom Netz – 20 Jahre EEG“ (by Gienke, Eckardt), dpa, 31 October 2017, shared by [Wirtschaftswoche](#) and [ZDF](#).

[„Eine umweltverträgliche Energiewende – durch intelligente Förderung und Planung“](#) (by Lehmann, P.), Tagesspiegel Background, 20 September 2017.

[„Erneuerbare Energien in Europa: Konvergenz der staatlichen Förderung?“](#) (by Strunz, S., Gawel, E., **Lehmann, P.**), Blog SciLogs, 23 May 2017.

[„Sichere Stromerzeugung bei hohen Anteilen volatiler Erneuerbarer“](#) (by Gawel, E., **Lehmann, P.**, Korte, K.), Earth System Knowledge Platform (ESKP), January 2017.

[„Wird die Energiewende ungerecht organisiert?“](#) (by Gawel, E., **Lehmann, P.**, Korte, K.), Earth System Knowledge Platform (ESKP), January 2017.

[„Nestlé's Geschäft mit dem Wasser“](#) (by Eisele, I.), LVZ Online, 2 February 2016.

[„Von Wüsten umgeben“](#) (by Endres, A.), Die Zeit, 12 November 2015.

[„Jetzt keine Kapazitätzahlungen für Kohle- und Gaskraftwerke!“](#) (by **Lehmann, P.**) Dialog.Energie.Zukunft, 20 April 2015.

[„The myth of the dark side of the Energiewende“](#) (by Kunze, C., **Lehmann, P.**), energypost, 17 February 2015.

[„Scrapping EU renewable targets after 2020 makes no sense“](#) (by Gawel, E., **Lehmann, P.**, Strunz, S.), The Conversation, 23 January 2014.

[„EU Energiepolitik: Ein zahnloser Tiger“](#) (Interview by M. Trinkaus), 23 January 2014.

[„Abschied von europäischen Ausbauzielen für Erneuerbare? Eine ökonomisch fragwürdige Entscheidung“](#) (by **Lehmann, P.**, Gawel, E., Strunz, S.), Blog SciLogs, 21 January 2014.

[„Energiewende: Das taugt Gabriels Öko-Plan“](#) (by Diekmann, F.). Spiegel Online, 21 January 2014.

[„Es geht nicht nur um Klimaschutz! Der Vorschlag von BusinessEurope für die europäische Energie- und Umweltpolitik im Jahr 2030 greift zu kurz“](#) (by **Lehmann, P.**, Gawel, E., Strunz, S.), Blog SciLogs, 1 July 2013.

[„Limeños deberán pagar casi el doble por el agua“](#) (by La Hoz, K.), Publimetro, 17 April 2013.

[„Die Erneuerbaren müssen weiter gefördert werden“](#) (by Gawel, E., **Lehmann, P.**), Zeit Online, 25 January 2012.

[„Schlapper Emissionshandel – Klimasünde zum Preis einer Pizza“](#) (by Diekmann, F.). Spiegel Online, 18 December 2011.

[„Carwash goes waterless in Peru“](#) (by Mapstone, N.). Financial Times Online, beyondbrics, 25 October 2011.

[„Industriestaaten müssen Entwicklungsländern das Wasser zahlen“](#) (Interview by Bassenge, J.-P.). Berliner Zeitung, 29 October 2010.

[„Der Markt kann's nicht richten“](#) (by Gawel, E., **Lehmann, P.**). Financial Times Deutschland, 27 October 2010.

## SELECTED TALKS AND PRESENTATIONS

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16th European Conference of the International Association of Energy Economics (IAEE), Ljubljana (Slovenia), 2019.

24th Annual Conference of the European Association of Environmental and Resource Economists (EAERE), Manchester (United Kingdom), 2019

Conference “Verkehrsökonomik und –politik”, Berlin (Germany), 2019

German Society of Environmental and Resource Economists, Münster (Germany), 2018

Department of Economics, University of Hamburg (Germany), 2017

15th European Conference of the International Association of Energy Economics (IAEE), Vienna (Austria), 2017

23rd Annual Conference of the European Association of Environmental and Resource Economists (EAERE), Athens (Greece), 2017.

Department of Economics, Christian-Albrechts-Universität zu Kiel (Germany), 2017.

envecon 2017: Applied Environmental Economics Conference, London (UK), 2017

Institute for New Economic Thinking, University of Oxford (UK), 2016

Department of Business Administration, Economics, and Law, Carl-von-Ossietzky-Universität Oldenburg (Germany), 2016

38th International Conference of the International Association of Energy Economics (IAEE), Antalya (Turkey), 2015

14th European Conference of the International Association of Energy Economics (IAEE), Rome (Italy), 2014

13th European Conference of the International Association of Energy Economics (IAEE), Düsseldorf (Germany), 2013

World Water Week, Stockholm (Sweden), 2011

7th Annual Conference of the German Economic Association, Research Committee Development Economics, Berlin (Germany), 2011

9th International Conference of the European Society for Ecological Economics (ESEE), Istanbul (Turkey), 2011

Berlin Conference on the Human Dimensions of Global Environmental Change, Berlin (Germany), 2010

11th European Conference of the International Association of Energy Economics (IAEE), Vilnius (Lithuania), 2010

11th Biennial Conference of the International Society for Ecological Economics (ISEE), Oldenburg/Bremen (Germany), 2010

Department of Environmental and Resource Economics, Centre for European Economic Research (ZEW), Mannheim (Germany), 2010

Annual Meeting of the German Economic Association (Verein für Socialpolitik, VfS), Magdeburg (Germany), 2009

17th Annual Conference of the European Association of Environmental and Resource Economics (EAERE), Amsterdam (The Netherlands), 2009

Centre for Energy Policy and Economics, ETH Zürich (Switzerland), 2009

14th Ulvön Conference on Environmental Economics, Ulvön (Sweden), 2007

7th International Conference of the European Society for Ecological Economics (ESEE), Leipzig (Germany), 2007

Resources for the Future, Washington, DC (USA), 2005

#### THIRD-PARTY FUNDING

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- 12/2019 – 11/2022 Partner in the project “Berücksichtigung von biologischer Vielfalt und ökosystemarer Funktionsweise als Basis für eine nachhaltige Windenergieproduktion im Wald“, funded by Deutsche Bundesstiftung Umwelt (DBU), in cooperation with Philipps-Universität Marburg and Leibniz-Institut für Zoo- und Wildtierforschung, budget University of Leipzig: €33,000.
- 09/2017 – 08/2022 Coordination of the Junior Research Group „Sustainable Deployment of Renewable Energies with Multiple Environmental Impacts – Policy Strategies to Mitigate Ecological Trade-offs of the Energy Transition“, funded by the German Ministry of Education and Research (BMBF) within the context of the Socio-ecological Research Programme, budget: €1,880,000.
- 12/2018 – 08/2019 Coordination of the project “Kritische Beleuchtung des Konzepts der Technologie-neutralität im Kontext der Verkehrswende“, funded by Agora Verkehrswende, in cooperation with Institut für Energie- und Umweltforschung Heidelberg (ifeu), budget: €80,000
- 09/2016 – 04/2017 Coordination of the project “The Political Economy of Safe-guarding Security-of-supply with High Shares of Renewables – Synthesis of Existing Research and Lessons from the German Case“, funded by Energiforsk, in cooperation with the Technical University Luleå (Sweden), budget UFZ: €30,000.
- 09/2011 – 08/2016 Coordination of the project "Regulation and Incentives" as part of the Helmholtz-Alliance ENERGY-TRANS "Future infrastructures for meeting

energy demands. Towards sustainability and social compatibility" ([www.energy-trans.de](http://www.energy-trans.de)), funded by the Helmholtz Association, in cooperation with Centre for European Economic Research (ZEW), German Aerospace Centre (DLR) and Forschungszentrum Jülich (FZJ), budget UFZ: €812,000.

- 06/2008 – 12/2013 Coordination of the subproject "Economic Evaluation of Water Pricing Options" as part of the project "Sustainable Water and Wastewater Management in Urban Growth Centres Coping with Climate Change - Concepts for Lima Metropolitana (Perú) - (LiWa) ([www.lima-water.de](http://www.lima-water.de)), funded by the German Ministry of Education and Research (BMBF), in cooperation with the Universities of Magdeburg, Stuttgart and Ostfalia, budget UFZ: €283,385.
- 08/2009 – 10/2009 Coordination of the project "Gutachten zu Perspektiven der wirtschaftswissenschaftlichen Forschung zum Klimawandel" (Assessment on perspectives for economic research on climate change), funded by the German Ministry of Education and Research (BMBF), budget: €18,200.
- 09/2004 – 08/2005 Partner in the project "Capitalisation of Research Results on the Multifunctionality of Agriculture and Rural Areas (MULTAGRI)", funded by the European Union, FP6 - Specific Support Action.

#### AWARDS AND SCHOLARSHIPS

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- Rank 2, Associate Professor (W2), Fachgebiet Allgemeine Volkswirtschaftslehre - Schwerpunkt Nachhaltigkeit, Umweltökonomie und Umweltpolitik, Hochschule für Technik und Wirtschaft, Berlin (07/2016)
- Research Scholarship, Deutsche Forschungsgemeinschaft, University of Oxford, 2016
- Job offer, Assistant Professor in Environmental and Resource Economics, University of Southern Denmark, Esbjerg (Dänemark) (10/2014, declined)
- Körber Foundation, Deutscher Studienpreis Shortlist, 2012
- Wladimir-Peter-Köppen-Preis for outstanding dissertations in climate research, Shortlist, 2011
- Luther Certificate for Summa cum laude Dissertations, Martin-Luther-University Halle-Wittenberg, 2010
- Stiftung der Deutschen Wirtschaft Doctoral Fellowship, Helmholtz-Centre for Environmental Research – UFZ, 2006-2009
- Dresdner Bank Stiftung Research Fellowship, Resources for the Future (RFF), Washington, DC (USA), 2005
- ERASMUS Scholarship, Deusto University, San Sebastián (Spain), 2000-2001

#### MEMBERSHIPS

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- European Association of Environmental and Resource Economists (EAERE)
- International Association for Energy Economics (IAEE)

- Verein für Socialpolitik (VfS), Ausschuss für Umwelt- und Ressourcenökonomik (AURÖ)

## REVIEWER

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Ecological Economics ▪ Ecology and Society ▪ Economics of Energy and Environmental Policy  
▪ Energies ▪ Energy Policy ▪ Energy Research and Social Science ▪ Energy, Sustainability and  
Society ▪ Environmental Policy and Governance (formerly: European Environment) ▪  
Environmental and Resource Economics ▪ Climate Policy ▪ GAIA ▪ Journal of Economic  
Dynamics and Control ▪ Journal of Environment and Development ▪ Journal of Environmental  
Economics and Management ▪ Journal of Environmental Management ▪ Journal of  
Environmental Policy and Planning ▪ Journal of the Association of Environmental and  
Resource Economists ▪ Land Use Policy ▪ Nature and Culture ▪ Resource and Energy  
Economics ▪ Utilities Policy ▪ Wiley Interdisciplinary Reviews: Climate Change

Bundesministerium für Bildung und Forschung ▪ Volkswagenstiftung

## TEACHING

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### Lectures

- Summer term 2020 Master Module “Neue Institutionenökonomik” (New Institutional Economics), University of Leipzig (4 hours per week).
- Winter term 2019/20 Lecture „Economics“ in the Joint Master Program “Sustainable Development”, University of Leipzig (2 hours per week).
- Winter term 2019/20 Seminar “Integration Module”, in the Joint Master Program “Sustainable Development”, University of Leipzig (2 hours per week).
- Summer term 2019 Master Module “Neue Institutionenökonomik” (New Institutional Economics), University of Leipzig (4 hours per week).
- Winter term 2018/19 Lecture „Economics“ in the Joint Master Program “Sustainable Development”, University of Leipzig (2 hours per week).
- Summer term 2018 Master Module “Umweltökonomik und Umweltpolitik” (Environmental Economics and Policy), University of Leipzig (4 hours per week)
- Summer term 2017 Master Module “Umweltökonomik und Umweltpolitik” (Environmental Economics and Policy), University of Leipzig (4 hours per week)
- Summer term 2017 Lecture “Mikroökonomik” in the Bachelor Program “Economics and Management Science”, University of Leipzig (4 hours per week, standing in occasionally for Prof. Erik Gawel)



- Winter term 2015/16 Lecture „Economics“ in the Joint Master Program “Sustainable Development”, University of Leipzig (2 hours per week).
- Winter term 2014/15 Lecture „Economics“ in the Joint Master Program “Sustainable Development”, University of Leipzig (2 hours per week).
- Summer term 2013 Master Module “Umweltökonomik und Umweltpolitik” (Environmental Economics and Policy), University of Leipzig (4 hours per week).
- Summer term 2012 Master Module “Umweltökonomik und Umweltpolitik” (Environmental Economics and Policy), University of Leipzig, (4 hours per week).
- Summer term 2011 Master Module “Umweltökonomik und Umweltpolitik” (Environmental Economics and Policy), with Erik Gawel and Wolfgang Bretschneider, University of Leipzig (4 hours per week).

Several guest lectures at Humboldt-University Berlin (Germany), Brandenburg University of Technology Cottbus (Germany), Ernst-Moritz-Arndt-University Greifswald (Germany), Martin-Luther-University Halle-Wittenberg (Germany), Universidad del Pacifico Lima (Peru), HIGRADE Graduate Program at the Helmholtz Centre for Environmental Research – UFZ Leipzig (Germany)

### **Supervision**

PhD theses Charlotte Geiger, „Bewertung von Politikoptionen zur nachhaltigen raumlichen Steuerung des Ausbaus erneuerbarer Energien“ (Evaluation of policy options to regulate the deployment of renewable energy sources sustainably), University of Leipzig (Germany), ongoing.

Klaas Korte, “Elektrizitatsnetze in einem nachhaltigen Energiesystem: Eine institutionenoekonomische Untersuchung politischer Steuerungsinstrumente fur den Stromnetzsektor vor dem Hintergrund der energiepolitischen Zielsetzungen in Deutschland“ (Electricity grids in a sustainable energy system: An institutional economic analysis of policy instruments in the Germany power sector), University of Leipzig (Germany), ongoing.

Jan-Niklas Meier, „Koordination des nachhaltigen EE-Ausbaus im politischen Mehrebenensystem“ (Coordination of a sustainable deployment of renewable energy source in a system of multi-level policy“), University of Leipzig (Germany), ongoing.

Felix Reutter, „Ecological-economic analysis of policy options to manage wind power deployment with multiple environmental impacts“, University of Leipzig (Germany), ongoing.

- MSc theses Alexander Morgan, „Evaluating policy mixes stimulating sustainability transitions: Promoting biomass boilers in Germany and the UK“, University of Leipzig (Germany), 2019.
- Maria Vogel, „Instrumente zum Abbau von Barrieren nachhaltigen Konsums-eine Analyse von Geschäftsmodellen ausgewählter SEOs in Leipzig“, University of Leipzig (Germany), 2019.
- Danny Freier, „Systemdienlicher Ausbau fluktuierender erneuerbarer Energien – Eine ökonomische Bewertung der technischen Möglichkeiten und des regulatorischen Rahmens in Deutschland“, University of Leipzig (Germany), 2018.
- Frank Hirschi, „Rule-based vs. discretionary renewable energy policy“, University of Leipzig (Germany), 2017.
- Helena Geißler, „Social implications of the German Energiewende – does the EEG cause affordability problems?“, University of Leipzig (Germany), 2015.
- Katja Dreßler, „Versorgungssicherheit bei hohen Anteilen volatiler Erneuerbarer – Zur Rolle von Kapazitätsmärkten“ (Security of supply with high shares of volatile renewables – On the role of capacity mechanisms), University of Leipzig (Germany), 2015.
- Anne Kaiser, „Ökonomische Analyse von Fördermechanismen für erneuerbare Energien“ (Economic analysis of support schemes for renewable energies), Technical University of Dresden (Germany), 2014.
- Maja Henke, „Water Governance under Uncertainty. A Comparative Analysis of Risk Perception and Barriers to Adaptation in Lviv and Lima“, University of Cologne (Germany), 2013.
- Simon Felgendreher, „The Political Economy of Water Pricing Reforms in Developing Countries – The Case of Peru“, University of Uppsala (Sweden), 2012.
- Janet Karina Valverde Vilcara, „Water Tariffs in Developing Countries“, Humboldt-University Berlin (Germany), 2009.
- BSc theses Thorge Sass, „Umweltpolitische Instrumente für die Dekarbonisierung des individuellen Straßenverkehrs: Eine ökonomische Beurteilung am Beispiel des Umstiegs auf alternative Antriebstechnologien“, University of Leipzig (Germany), 2019.
- Lauren Mityorn, „Payment Schemes for Ecosystem Services in Watershed Management - An Economic Analysis of Latin American Practice“, University of Cologne (Germany), 2012.

Thorsten Beck, "Kostenvergleich verschiedener Technologien der dezentralen Wasserversorgung aus Grund- und Oberflächengewässern" (Comparison of technology costs for water supply from groundwater and surface water), University of Applied Sciences Leipzig, 2012.