

Aleksandar Zaklan

Main Research Interests

Environmental Economics, Climate Policy Analysis, International Effects of Unilateral Climate Policy, Green Finance, Local Pollution Impacts and Policy

Current Appointments

University of Rostock, Professor of Economics (W-3), Chair of Applied Economics, 2024 –
Verein für Socialpolitik, Standing Field Committee Environmental and Resource Econ., Member, 2026 –
Berlin Centre for Consumer Policies (BCCP), Senior Fellow, 2026 –

Previous Appointments

Berlin Centre for Consumer Policies (BCCP), Fellow, 2018 – 2024
German Federal Ministry for Economic Affairs and Climate Action, Policy Advisor, 2022 – 2024
Deutsches Institut für Wirtschaftsforschung (DIW Berlin), Senior Researcher, 2014 – 2022
Berlin School of Economics, Research Associate, 2016 – 2022
Berlin School of Economics, Research Associates Program, Scientific Coordinator, 2016 – 2021
European University Institute, Jean Monnet Postdoctoral Fellow, 2012 – 2014

Education

PhD Economics (Dr. rer. oec.), TU Berlin, Nov 2012
DIW Graduate Center, DIW Berlin, 2008 – 2012
Visiting Researcher, European University Institute, 09 – 12/2011
M.A. Economics, Georgetown University, 2006 – 2007
M.A. International Relations, Johns Hopkins University, School of Advanced Int'l Studies, 2002 – 2004
Majors: European Studies; International Economics
B.A. Economic and Social Studies, Trinity College Dublin, 1999 – 2001
Vordiplom, Economic Science, Ruhr-Universität Bochum, 1997 – 1999

Publications

Work In Progress

Cost Pass-Through in European Power Generation (with Jan Abrell). *Submitted.*
Carbon Cost Pass-Through in European Aviation (with Xavier Fageda, Adrián Santonja and Jordi Teixidó). *In Progress.*
Congestion Pricing and Well-Being (with Philipp Lorscheider). *In Progress.*
The Impact of ECB Corporate Sector Purchases on European Green Bonds (with Franziska Bremus, Fangfang Qiu and Franziska Schütze). *In Progress.*

Peer-Reviewed Articles

Effectiveness and Heterogeneous Effects of Purchase Grants for Electric Vehicles: Evidence from Germany (with Peter Haan and Adrián Santonja). 2025. *Environmental and Resource Economics*, Vol. 88(1), 185-223.

The Air Quality and Well-Being Effects of Low Emission Zones (with Luis Sarmiento and Nicole Wäger). 2023. *Journal of Public Economics*, Vol. 227 (Nov 2023), 105014.

Coase and Cap-and-Trade: Evidence on the Independence Property from the European Carbon Market. 2023. *American Economic Journal: Economic Policy* 15(2), 526-558.

The Impact of Carbon Disclosure Mandates on Emissions and Financial Operating Performance (with Benedikt Downar, Jürgen Ernstberger, Stefan Reichelstein and Sebastian Schwenen). 2021. *Review of Accounting Studies* 26, 1137-1175.

The EU ETS to 2030 and Beyond: Adjusting the Cap in Light of the 1.5°C Target and Current Energy Policies (with Jakob Wachsmuth and Vicki Duscha). 2021. *Climate Policy* 21(6), 778-791.

Does the EU ETS Cause Carbon Leakage in European Manufacturing? (with Helene Naegele) 2019. *Journal of Environmental Economics and Management* (93), 125-147.

The EU ETS: Ten Years and Counting (with Denny Ellerman and Claudio Marcantonini). 2016. *Review of Environmental Economics and Policy* 10(1), 89-107.

Stationarity Changes in Long-Run Energy Commodity Prices (with Jan Abrell and Anne Neumann). 2016. *Energy Economics* (59), 96-103.

The Globalization of Steam Coal Markets and the Role of Logistics: An Empirical Analysis (with Astrid Cullman, Anne Neumann and Christian von Hirschhausen). 2012. *Energy Economics* 34(1), 105-116.

The External Financing of Emerging Market Countries: Evidence from Two Waves of Financial Globalization (with André Faria and Paolo Mauro). 2011. *Review of Finance* 15(1), 207-243.

Working Papers

Make Sure the Kids are Healthy: Indirect Effects of Air Pollution on Well-Being (with Julia Rechlitz, Luis Sarmiento and Nicole Wäger).

An Analysis of Allowance Banking in the EU ETS (with Denny Ellerman and Vanessa Valero).

Why Do Emitters Trade Carbon Permits? Firm-Level Evidence from the European Emission Trading Scheme.

Book Reviews

Book Review, Research Handbook on Emissions Trading by Stefan Weishaar (ed.). 2018. *The Energy Journal* 39(5).

Further Publications (Selected)

Kaufprämien für Elektro-Pkw verändern Zusammensetzung des deutschen Automarkts. 2022. *DIW Wochenbericht, DIW Berlin* 89(15-16), 231-238 (with Peter Haan and Adrián Santonja di Fonzo).

Strukturelle Weiterentwicklung des EU-ETS nach 2020 - Abschlussbericht. 2022. *German Environmental Agency Climate Change* 18/2022 (with Verena Graichen, Johanna Cludius, Vicki Duscha, Jakob Graichen, Markus Haller, Hauke Hermann, Friedhelm Keimeyer, Sascha Lehmann, Charlotte Loreck, and Jakob Wachsmuth).

Umweltzonen verbessern Luftqualität und Gesundheit, verringern aber temporär Lebenszufriedenheit. 2022. *DIW Wochenbericht, DIW Berlin* 89(13), 203-211 (with Luis Sarmiento and Nicole Wäger).

Structural Supply Side Management in EU ETS: Reviewing the Market Stability Reserve. 2021. *German Environmental Agency Climate Change* 39/2021 (with Jakob Graichen, Verena Graichen, Hauke Hermann, and Johanna Cludius).

EZB-Politik erleichtert Unternehmen Finanzierung am Markt grüner Anleihen. 2021. *DIW Wochenbericht, DIW Berlin* 88(22), 367-375 (with Franziska Bremus and Franziska Schütze).

EU ETS Cap Must and Can Be Reduced More Quickly. 2020. *DIW Weekly Report, DIW Berlin* 10(26-27), 293-300 (with Vicki Duscha, Claudia Gibis, Jakob Wachsmuth, Jan Weiß, and Claudia Kemfert).

EU ETS up to 2030: Adjusting the Cap in Light of the IPCC1.5°C Special Report and the Paris Agreement. 2020. *German Environmental Agency Climate Change* 07/2020 (with Jakob Wachsmuth and Vicki Duscha).

Green Finance: The Macro Perspective: Editorial. 2019. *Vierteljahreshefte zur Wirtschaftsforschung, DIW Berlin*, 88(2), 5-9 (with Claudia Kemfert, Dorothea Schäfer, and Willi Semmler).

CO₂-Bepreisung im Wärme- und Verkehrssektor: Diskussion von Wirkungen und alternativen Entlastungsoptionen. 2019. *DIW Politikberatung Kompakt* 140/2019 (with Stefan Bach, Niklas Isaak, Claudia Kemfert, Uwe Kunert, Wolf-Peter Schill, Sophie Schmalz, and Nicole Wäger).

Evaluierung und Weiterentwicklung des EU-Emissionshandels aus ökonomischer Perspektive für die Zeit nach 2020 (EU-ETS-7). 2019. *Umweltbundesamt Climate Change* 29/2019 (with Verena Graichen, Hannah Förster, Jakob Graichen, Sean Healy, Julia Repenning, Katja Schumacher, Vicki Duscha, Nele Friedrichsen, Sascha Lehmann, Gizem Erdogan, Ines Haug, Solbin Kim, and Jochen Diekmann).

Umweltwirkungen der Ökosteuer begrenzt, CO₂-Bepreisung der nächste Schritt. 2019. *DIW Wochenbericht, DIW Berlin*, 86(13), 215-221 (with Claudia Kemfert, Wolf-Peter Schill, and Nicole Wäger).

Global Economy and the Euro Area: Uncertainty Weighs on Trade and Investment. 2018. *DIW Weekly Report, DIW Berlin*, 8(50/51/52), 506-508 (with Claus Michelsen, Dawud Ansari, Guido Baldi, Geraldine Dany-Knedlik, Hella Engerer, Stefan Gebauer, and Malte Rieth).

Rohölmarkt: Iran-Sanktionen dürften zu moderatem Preisanstieg führen. 2018. *DIW Wochenbericht, DIW Berlin*, 85(49), 1053-1059 (with Dawud Ansari and Claudia Kemfert).

Linking Cap-and-Trade Systems. 2018. *DIW Roundup* 123 (with Katharina Erdmann).

Crude Oil: Market Trends and Simulations Point toward Stable Equilibrium. 2017. *DIW Economic Bulletin, DIW Berlin*, 7(51-52), 567-573 (with Dawud Ansari and Claudia Kemfert).

Rohölmarkt: US-amerikanisches Schieferöl schwächt Marktmacht der OPEC. 2016. *DIW Wochenbericht, DIW Berlin*, 83(19), 429-433 (with Claudia Kemfert).

EU Emissions Trading: Distinctive Behavior of Small Companies. 2016. *DIW Economic Bulletin*, DIW Berlin, 6(9-10), 117-124 (with Helene Naegele).

Europe's Mechanism for Countering the Risk of Carbon Leakage. 2015. *DIW Roundup* 72 (with Bente Bauer).

Kräftiger Aufschwung dank günstigem Öl und schwachem Euro. 2015. *Gemeinschaftsdiagnose Frühjahr 2015*. (part of consortium led by DIW, ifo, IWH, and RWI).

Schieferöl sorgt für niedrige Preise im Prognosezeitraum. 2015. *DIW Wochenbericht*, DIW Berlin, 82(11), 219-247 (with DIW's Forecasting and Economic Policy Department).

WTI schert aus: Brent im Moment alleiniger globaler Benchmarkpreis für Rohöl. 2013. *DIW Wochenbericht*, DIW Berlin, 80(1-2), 3-48 (with DIW's Forecasting and Economic Policy Department).

Price Determinants of the European Carbon Market and Interactions with Energy Markets. 2012. *Umweltbundesamt Climate Change 11/2012* (with Johanna Cludius, Jochen Diekmann, Felix Matthes, Joachim Schleich, and Katja Schumacher).

Entwicklung der Erdölmärkte: Reservekapazität im Nahen Osten wirkt derzeit stabilisierend. 2011. *DIW Wochenbericht*, DIW Berlin, 78(21), 3-9 (with Kerstin Bernoth, Daniel Huppmann, Claudia Kemfert, and Christian von Hirschhausen).

Welt-Metallmärkte: Steigende Preise bei hoher Marktkonzentration. 2011. *DIW Wochenbericht*, DIW Berlin, 78(19), 11-14 (with Anne Neumann and Christian von Hirschhausen).

Peer Review (Selected)

American Economic Journal: Economic Policy, Energy Economics, Environmental and Resource Economics, European Economic Review, Journal of Banking and Finance, Journal of Environmental Economics and Management, Journal of the Association of Environmental and Resource Economists, Journal of Economic Surveys, Journal of International Business Studies, Management Science, Nature Climate Change, Nature Energy, Review of Environmental Economics and Policy, The Energy Journal, Scandinavian Journal of Economics, Science

PhD Supervision

Fangfang Qiu, University of Rostock, ongoing

Philipp Lorscheider, University of Rostock, ongoing

Mai Wang, University of Rostock (part time), ongoing

Luis Sarmiento, DIW Graduate Center, committee member, completed 08/2020, 1st placement: RFF-CMCC

Teaching Experience

University of Rostock

Principles of Economics (Bachelors lecture, German)

Globalization - International Trade Theory and Policy (Bachelors lecture, German)

Introduction to Environmental and Resource Economics (Bachelors lecture, English)

Economics of Climate Change (Masters lecture, English)

Advanced Environmental and Resource Economics (Masters lecture, English)

International Trade Theory and Policy (Masters lecture, English)

Seminars on various applied topics (Masters and Bachelors, German)

Berlin School of Economics

Econometrics for the Analysis of Environmental Policy Interventions, Innovation and Sustainability (PhD lecture/seminar, English, Fall 2018, 2019)

Introduction to Policy Analysis and Policy Advice (PhD seminar, English, Fall 2018)

Work in Progress Seminar (PhD seminar, English, Fall 2019)

University of Potsdam

Energy Economics (Masters lecture, English, Fall 2015, 2017, 2018)

Free University Berlin, J.F.K. Institute for North American Studies

Topics in Macroeconomics – Long-Run Sustainability (Bachelors seminar, English, Fall 2016)

Prior experience as teaching assistant

Principles of Microeconomics, Georgetown University, Fall 2006 and Spring 2007

Intermediate Macroeconomics, Johns Hopkins University, SAIS Bologna Center, Fall 2002

Third-Party Funded Projects

PI, *Distributional Effects of Climate Policy in the Transportation Sector*, budget 99,500 euro, DIW Bridge Project, 2022 – 2024

Co-PI, *Evaluation and Further Development of the EU Emissions Trading System in the Context of the European Green Deal*, budget $\approx$ 290,000 euro, funded by the German Environmental Agency, 2022 – 2025

Contributor, *Climate Policy and Social Balance: Effectiveness and Distributional Impacts of Coordinated Climate and Social Policy*, budget $\approx$ 300,000 euro, funded by the German Federal Ministry of Labor and Social Affairs, 2021 – 2024

Contributor, *Economic Insights*, budget $\approx$ 1,000,000 euro, funded by the Leibniz Association, 2021 – 2024

Contributor, *Berlin School of Economics Research Associates Program*, budget $\approx$ 800,000 euro, funded by the Leibniz Association, 2016 – 2021

Co-PI, *CO₂ Pricing in the Heat and Transportation Sectors*, budget $\approx$ 110,000 euro, funded by the German Ministry of the Environment, 2019

Co-PI, *Structural Development of the EU Emissions Trading System post 2020*, budget $\approx$ 289,000 euro, Funded by the German Environmental Agency, 2017 – 2020

Co-PI, *Evaluation and Further Development of the EU Emissions Trading System (EU-ETS-7)*, budget $\approx$ 252,000 euro, funded by the German Environmental Agency, 2015 – 2018

Presentations (Recent Years)

2026: Seminar on Energy and Environmental Economics Munich, TU Munich/ifo Institute; Research Seminar, University of Basel; Economics Research Seminar, University of Leipzig; Verein für Socialpolitik, Standing Field Committee for Environmental and Resource Economics, Annual Conference

2025: Mannheim Conference on Energy and the Environment; Verein für Socialpolitik, Annual Conference (*accepted*)

2024: Atlantic Workshop on Energy and Environmental Economics, A Toxa

2022: Verein für Socialpolitik, Annual Conference; European Association of Environmental and Resource Economists, Annual Conference (*accepted*); Atlantic Workshop on Energy and Environmental Economics, A Toxa

2021: European University Institute, FSR Climate Annual Conference; Verein für Socialpolitik, Annual Conference; European Association of Environmental and Resource Economists, Annual Conference

2020: Verein für Socialpolitik, Annual Conference; European Association of Environmental and Resource Economists, Annual Conference

2019: Verein für Socialpolitik, Annual Conference, Leipzig; European Association of Environmental and Resource Economists, Annual Conference, Manchester (*accepted*)

2018: World Congress of Environmental and Resource Economists, Gothenburg; European University Institute - Life Side Final Conference; Atlantic Workshop on Energy and Environmental Economics, A Toxa; Mannheim Energy Conference, Mannheim (*accepted*)

2017: ETH Zurich - Expert Workshop on Environmental Regulation (*Invited Talk*); European Association of Environmental and Resource Economists, Annual Conference, Athens; Verein für Socialpolitik, Annual Conference, Vienna; Mannheim Energy Conference, Mannheim; Verein für Socialpolitik, AURÖ Junior Workshop, Basle

2016: European Association of Environmental and Resource Economists, Annual Conference, Zurich; Verein für Socialpolitik, Annual Conference, Augsburg; Umea University - CERE Research Seminar; Atlantic Workshop on Energy and Environmental Economics, A Toxa; International Workshop on Empirical Methods in Energy Economics, Oviedo; Mannheim Energy Conference, Mannheim

2015: European Economic Association, Annual Conference, Mannheim; European Association of Environmental and Resource Economists, Annual Conference, Helsinki; Verein für Socialpolitik, Annual Conference, Münster; Research Seminar on Environment, Resource and Climate Economics (RSERC), Berlin; Center For European Policy Studies (CEPS), Brussels, Carbon Market Forum; ZEW Research Seminar, Mannheim; Climate Conference, European University Institute, Florence; International Symposium on Energy and Finance Issues, IPAG Business School, Paris

Awards

European University Institute, Jean Monnet Fellowship, 2012 – 2014

DIW Graduate Center, Dissertation Scholarship, 2008 – 2012

Georgetown University, Student Assistantship, 2006 – 2007

Johns Hopkins University, Bologna Center Fellowship, 2002 – 2004

Trinity College Student Economic Review, Best Paper Award, 2001

Additional Experience (Selected)

The World Bank, Development Research Group, Macroeconomics and Growth Program, Consultant, 03– 06/2008

International Monetary Fund, Research Department, Strategic Issues Division, Research Assistant, 07/2005 – 06/2006

International Monetary Fund, European Department, Southeastern I Division, Research Assistant, 02– 06/2005

German Army Forces Central Command, Department of Internal Leadership, Staff Soldier (military service), 11/2001 – 07/2002

Language Skills

German (native), Croatian (native), English (near-native), Italian (B-2), French (A-2/B-1)

Last updated: July 2026