

Aleksandar Zaklan

DIW Berlin
Department Energy, Transportation, Environment
Mohrenstr. 58
10117 Berlin, Germany

Phone: +49-30-89789-515
Fax: +49-30-89789-113
Email: azaklan@diw.de

Main Research Interests

Environmental Economics, Climate Policy Evaluation, Local Pollution Impacts and Policy, Green Finance

Current Appointments

Deutsches Institut für Wirtschaftsforschung (DIW Berlin), Senior Researcher, 2014 –
Berlin School of Economics, Research Associate, 2016 –
Berlin Centre for Consumer Policies (BCCP), Fellow, 2018 –

Previous Appointments

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, 19/11/2012
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

Peer-Reviewed Articles

Coase and Cap-and-Trade: Evidence on the Independence Property from the European Carbon Market. 202x. *American Economic Journal: Economic Policy*, Forthcoming.

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.

Peer-Reviewed Articles - In Progress and Working Papers

The Air Quality and Well-Being Effects of Low Emission Zones (with Luis Sarmiento and Nicole Wägner). *Submitted*.

The Impact of ECB Corporate Sector Purchases on European Green Bonds (with Franziska Bremus and Franziska Schütze). *Submitted*.

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

The Impact of Electricity Transmission Infrastructure on Well-Being (with Alexander Roth, Luis Sarmiento and Alexander Zerrahn). *Draft*.

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

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

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* 15-16/2022 (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* 13/2022 (with Luis Sarmiento and Nicole Wägner).

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 22/2021* (with Franziska Bremus and Franziska Schütze).

EU ETS Cap Must and Can Be Reduced More Quickly. 2020. *DIW Weekly Report 26-27/2020* (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 2/2019* (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 Wägner).

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 Erdogmus, Ines Haug, Solbin Kim, and Jochen Diekmann)

Umweltwirkungen der Ökosteuer begrenzt, CO₂-Bepreisung der nächste Schritt. 2019. *DIW Wochenbericht 13/2019* (with Claudia Kemfert, Wolf-Peter Schill, and Nicole Wägner).

Global Economy and the Euro Area: Uncertainty Weighs on Trade and Investment. 2018. *DIW Weekly Report 50/51/52/2018* (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 49/2018* (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 7(51-52)* (with Dawud Ansari and Claudia Kemfert).

Rohölmarkt: US-amerikanisches Schieferöl schwächt Marktmacht der OPEC. 2016. *DIW Wochenbericht 19/2016* (with Claudia Kemfert).

EU Emissions Trading: Distinctive Behavior of Small Companies. 2016. *DIW Economic Bulletin 6(9-10)*, pp. 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 11/2015* (with DIW's Forecasting and Economic Policy Department).

WTI schert aus: Brent im Moment alleiniger globaler Benchmarkpreis für Rohöl. 2013. *DIW Wochenbericht 1-2/2013* (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 21/2011* (with Kerstin Bernoth, Daniel Huppmann, Claudia Kemfert, and Christian von Hirschhausen).

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

Peer Review

American Economic Journal: Economic Policy, Climate Policy, Economics of Energy and Environmental Policy, Energy Economics, Energy Policy, Environmental and Resource Economics, Eurasian Economic Review, European Economic Review, Japanese Economic Review, Journal of Banking and Finance, Journal of Environmental Economics and Management, Journal of Economic Surveys, Management Science, Nature Climate Change, Resource and Energy Economics, Review of Environmental Economics and Policy, Review of Industrial Organization, The Energy Journal, Scandinavian Journal of Economics, Science

PhD Supervision

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

Teaching Experience

PhD Level

Lead Instructor, *Autumn School Econometrics for the Analysis of Environmental Policy Interventions, Innovation and Sustainability*, TU Berlin and DIW Berlin, Fall 2018, 2019

Instructor, *Work in Progress Seminar*, Berlin School of Economics PhD Program, Fall 2019

Instructor, *Introduction to Policy Analysis and Policy Advice*, DIW Graduate Center, Fall 2018

Masters Level

Lecturer ("Lehrauftrag"), *Energy Economics*, Potsdam University, Department of Economics, Fall 2015, 2017, 2018

Teaching Assistant, *Intermediate Macroeconomics*, Johns Hopkins University, SAIS Bologna Center, Fall 2002

Bachelors Level

Lecturer ("Lehrauftrag"), *Topics in Macroeconomics – Long-Run Sustainability*, Free University Berlin, J.F.K. Institute for North American Studies, Fall 2016

Teaching Assistant, *Principles of Microeconomics*, Georgetown University, Department of Economics, Fall 2006

Teaching Assistant, *Principles of Macroeconomics*, Georgetown University, Department of Economics, Spring 2007

Third-Party Funded Projects

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

2021: European University Institute, FSR Climate Annual Conference (*Invited Talk*); 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 (*Invited Talk*); 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 (*Invited Talk*); 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 (*Invited Talk*); Center For European Policy Studies (CEPS), Brussels, Carbon Market Forum (*Invited Talk*); ZEW Research Seminar, Mannheim (*Invited Talk*); Climate Conference, European University Institute, Florence; International Symposium on Energy and Finance Issues, IPAG Business School, Paris

2014: Atlantic Workshop on Energy and Environmental Economics, A Toxa; International Association for Energy Economics, European Conference, Rome

2013: European Association of Environmental and Resource Economists, Annual Conference, Toulouse; International Association for Energy Economics, European Conference, Rome; Climate Conference, European University Institute, Florence

2012: Royal Economic Society, Annual Conference, Cambridge; European Association of Environmental and Resource Economists, Annual Conference, Prague; International Association for Energy Economics, International Conference, Venice; International Workshop on Empirical Methods in Energy Economics, Berlin; Climate Conference, European University Institute, Florence

2011: International Association for Energy Economics, International Conference, Stockholm; International Workshop on Empirical Methods in Energy Economics, Dallas; Young Energy Engineers and Economists Seminar, Dresden

2010: International Association for Energy Economics, European Conference, Vilnius; International Workshop on Empirical Methods in Energy Economics, Surrey; Young Energy Engineers and Economists Seminar, Dresden

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: May 2022