

CURRICULUM VITAE

PROF. COLIN VANCE, PhD

CONTACT INFORMATION

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PROFESSIONAL EXPERIENCE

since 2014	Deputy Director, Environment & Resources, at RWI – Leibniz-Institute for Economic Research, Essen
since 2006	Economist, Environment & Resources, at RWI – Leibniz-Institute for Economic Research, Essen
since 2016	Professor, Constructor University
since 2009	Professor, Bremen International School of Social Sciences (BIGSSS)
since 2017	Member of the faculty of the Ruhr Graduate School in Economics
2003 – 2005	Economist, German Aerospace Center/ Deutsches Zentrum für Luft- und Raumfahrt (DLR), Berlin
2000 – 2003	Economist, U.S. Environmental Protection Agency (EPA), Washington D.C./ USA
1997 – 2000	Research Associate, George Perkins Marsh Institute der Clark University, Worcester/ USA

EDUCATION

2000	Ph.D., Economics, Clark University, Worcester, MA/ USA Dissertation topic: “Land-Use Change, Deforestation, and Peasant Farm Systems: A Case Study of Mexico’s Southern Yucatán Peninsular Region,” financed by the National Aeronautics and Space Administration (NASA)
1992	Bachelor of Arts, International Relations, Boston University, Boston, MA/ USA Graduated with honors Magna Cum Laude
1985	Semester abroad at Ruhr-Universität Bochum, Social Science, Bochum/ Deutschland

PROJECTS

2024 – 2028	“Monitoring of Germany’s Mobility Transition: Data and Methods – Project within Transregio (TRR) 391,” Deutsche Forschungsgemeinschaft.
2021 – 2026	“JUSTNature: Activation of Nature-Based Solutions for a Just Low Carbon Transition.,” European Commission – Horizon 2020.
2019 – 2023	“Human-Centric Energy Districts: Smart Value Generation by Building Efficiency and Energy Justice for Sustainable Living,” European Commission – MARIE SKŁODOWSKA-CURIE ACTIONS.
2018 – 2022	“Evaluating Germany’s Climate Mitigation and Adaptation Practice 2 (Eval-MAP2),” German Federal Ministry for Education and Research (BMBF).
2018 – 2022	“Deep Transformation Scenarios for Informing the Climate Policy Discourse (DIPOL) – WP3: Socio-Economic Implications of the Transformation Process,” German Federal Ministry of Education and Research (BMBF).
2019 – 2021	“Price formation on the futures market and the physical market for cocoa,” German Federal Ministry of Food and Agriculture (BMEL).
2009 – 2021	“Dynamische Technologie-Modellierung (Projekt A3)“ innerhalb des Sonderforschungsbereichs 823 „Statistik nichtlinearer dynamischer Prozesse,“ Deutsche Forschungsgemeinschaft (DFG).
2018 – 2021	“Direkte, Indirekte, Psychologische und Makroökonomische Rebound Effekte (License).“ German Federal Ministry of Education and Research (BMBF).
2017 – 2019	“From Dusk till Dieselgate: A Comparison of Mobility in Germany and the United States,” Fritz-Thyssen-Stiftung
2017 – 2018	Survey of fisher households under the auspices of the “Fish Forever” initiative, commissioned by <i>Rare</i> .
2015 – 2018	“Approaches for resource protection in a post-growth context (UBA),“ Deutsche Forschungsgemeinschaft (DFG).
2014 – 2017	“Contributing to the Coral Commons (Triple C),“ Leibniz Association.
2013 – 2016	“Rebound-Effekte in NRW – mit besonderer Berücksichtigung von Effizienzsteigerungen in der Elektrizitätsnutzung sowie im Individualverkehr“. Ministerium für Innovation, Wissenschaft und Forschung des Landes Nordrhein-Westfalen.
2012 – 2015	“Evaluating Climate Mitigation and Adaptation Policies: The Need for a Household Energy Consumption Panel (Eval-MAP),“ German Federal Ministry of Education and Research (BMBF).
2010 – 2013	“Die soziale Dimension des Rebound-Effekts (REBOUND)“, Teilvorhaben C: Ökonometrische Analysen zur sozialen Dimension des Rebound Effekt. German Federal Ministry of Education and Research (BMBF).
2009 – 2012	“Energieverbrauch der Privaten Haushalte in Deutschland (2006 bis 2010)“, German Federal Ministry of Economic Affairs and Energy (BMWi).
2008 – 2009	“Energieprognose 2009 für Deutschland“, German Federal Ministry of Economic Affairs and Energy (BMWi).

1997 – 2000 National Aeronautics and Space Administration, “Land-Cover and Land-Use Change in the Southern Yucatán Peninsula Region.”
commissioned by Consortium of Clark University, Harvard University, and El Colegio de la Frontera Sur.

PUBLICATIONS

Articles in refereed Journals

Ankel-Peters, J., G. Bensch, and C. Vance (2026) Comment on Development Effects of Electrification. Evidence from the Topographic Placement of Hydropower Plants in Brazil. *American Economic Journal: Applied Economics* (forthcoming).

Kaestner, K., G. Bensch, and C. Vance (2026) Pass-through of cocoa prices along the supply chain: What’s left for farmers in Côte d’Ivoire? *Journal of Agricultural Economics* (forthcoming), <https://doi.org/10.1111/1477-9552.70021>.

Frondel, M., P. Thiel, and C. Vance (2026) The Distributional Consequences of Tax Pass-Through: The Case of Germany’s Fuel Tax Discount. *Regional Science and Urban Economics* 117: 104183. <https://doi.org/10.1016/j.regsci-urbeco.2025.104183>.

Foppe, F., M. Frondel, K. Kaestner, M. Krieg, and C. Vance (2026) The German Heating and Housing Panel (GHHP): Household Data for the Years 2021 to 2023. *Jahrbücher für Nationalökonomie und Statistik* (forthcoming).

Mihailova, D. and C. Vance (2026) Promoting active transportation: A comparative assessment of paths and prices, *Transportation*, <https://doi.org/10.1007/s11116-024-10520-6>.

Demetrescu, M., M. Frondel, L. Tomberg, and C. Vance, (2025) Fixed effects, lagged dependent variables, and bracketing: Cautionary remarks. *Political Analysis*, pp.1-15, <https://doi.org/10.1017/pan.2025.10002>.

Alberini, A. and C. Vance (2025) Policy Forces in the German New Car Market How do they Affect PHEV and BEV sales? *Transportation Research Part A: Policy and Practice*, 196, <https://doi.org/10.1016/j.tra.2025.104477>.

Burra, L.T., Sommer, S., and C. Vance (2024) Policy complementarities in the promotion of electric vehicles, *Energy Policy* 192, <https://doi.org/10.1016/j.enpol.2024.114262>.

Burra, L, S. Sommer, and C. Vance (2024) Free-ridership in subsidies for company- and private electric vehicles. *Energy Economics* 131, <https://doi.org/10.1016/j.eneco.2024.107333>.

Frondel, M., K. Kaestner, S. Sommer, C. Vance (2023) Photovoltaics and the Solar Rebound: Evidence from Germany. *Land Economics* 99: 265-282.

Yegbemey, R., G. Bensch, C. Vance (2023) Weather information and agricultural outcomes: Evidence from a pilot field experiment in Benin. *World Development* 167: 106178.

Alberini, A., M. Horvath, C. Vance (2022) Drive Less, Drive Better, or Both? Behavioral Adjustments to Fuel Price Change in Germany. *Resource and Energy Economics* 68: 101292.

Eilers, L., A. Paloyo, C. Vance (2021) Rental Prices in Germany: A Comparison Between Migrants and Natives. *Scottish Journal of Political Economy* 68 (4): 434-466.

Frondel, M., C. Marggraf, S. Sommer, C. Vance (2021) Reducing Vehicle Cold Start Emissions through Carbon Pricing: Evidence from Germany. *Environmental Research Letters* 16 (3): 034041.

Goetzke, F., C. Vance (2021) An Increasing Gasoline Price Elasticity in the United States? *Energy Economics* 95: 104982.

Sommer, S., C. Vance (2021) Do More Chargers Mean More Electric Cars? *Environmental Research Letters* 16 (6): 064092.

- Tomberg, L., K. Smith Stegen, C. Vance (2021) „The Mother of all Political Problems”? On Asylum Seekers and Elections. *European Journal of Political Economy* 67: 101981.
- Frondel, M., A. Gerster, C. Vance (2020) The Power of Mandatory Quality Disclosure: Evidence from the German Housing Market. *Journal of the Association of Environmental and Resource Economists* 7 (1): 181-208.
- Frondel, M., M. Horvath, C. Vance (2020) Increased Market Transparency in Germany's Gasoline Market: What about Rockets and Feathers? *Journal of Transport Economics and Policy* 54 (2): 102-120.
- Schlüter, A., S. Ferse, C. Vance (2020) Coral Reefs and the Slow Emergence of Institutional Structures for a Global Land- and Sear-Based Collective Dilemma. *Marine Policy*, 112 (February) 103505.
- M. Simora, M. Frondel, C. Vance (2020) Do Financial Incentives Increase the Acceptance of Power Lines? Evidence from Germany. *Regional Science and Urban Economics*, 85 (November): 103575.
- Behl, P., H. Dette, M. Frondel, C. Vance (2019) A Focused Information Criterion for Quantile Regression: Evidence for the Rebound Effect. *Quarterly Review of Economics and Finance* 71: 223-227.
- Frondel, M., S. Sommer, C. Vance (2019) Heterogeneity in Residential Electricity Consumption: A Quantile Regression. *Energy Policy* 131: 370-379.
- LeSage, J., Y. Chih, C. Vance (2019) Markov Chain Monte Carlo Estimation of Spatial Dynamic Panel Models for Large Samples. *Computational Statistics and Data Analysis*, 138: 107-125.
- Alashkar, F., Schemuth, H.P., Nensa, F., Göbel, J., Vance, C., Forsting, M., Dührsen, U., Schlosser, T.W. and Röth, A. (2018). The Role of Whole-Body Magnetic Resonance Imaging (WB-MRI) in Patients with Paroxysmal Nocturnal Hemoglobinuria (PNH). *Nature - Scientific Reports* 8 (1): 13458.
- Alashkar, F., S.N. Weber, C. Vance, D. Herich-Terhürne, U. Dührsen, F. Lammert, A. Röth (2018) Persisting Hyperbilirubinemia in Patients with PNH Chronically Treated with Eculizumab: The Role of Hepatocanicular Transporter Variants. *European Journal of Haematology*, 2017 Oct;99(4):350-356. doi: 10.1111/ejh.12927..
- Dütschke, E., M. Frondel, J. Schleich, C. Vance (2018) Moral Licensing – Another Source of Rebound? *Frontiers in Energy Research* 6 (38): 1-10.
- Frondel, M., C. Vance (2018) Drivers' Response to Fuel Taxes and Efficiency Standards: Evidence from Germany. *Transportation* 45 (3): 989-1001.
- Gallier, C., J. Langbein, C. Vance (2018) Non-binding restrictions, cooperation, and coral reef protection: Experimental evidence from Indonesian fishing communities. *Ecological Economics* 150: 62-71.
- Nelson, K., A. Schlüter, C. Vance (2018) Funding Conservation Locally: Insights from Behavioral Experiments in Indonesia. *Conservation Letters* 11 (2).
- Nelson, K.M., A. Schlüter, C. Vance (2018) Distributional Preferences and Donation Behavior among Marine Resource Users in Wakatobi, Indonesia. *Ocean & Coastal Management* 162: 34-45.
- Procher, V., N. Ritter, C. Vance (2018) Housework Allocation in Germany: The Role of Income and Gender Identity. *Social Science Quarterly* 99 (1): 43-61.
- Alashkar, F., C. Vance and other co-authors (2017) Serologic response to meningococcal vaccination in patients with paroxysmal nocturnal hemoglobinuria (PNH) chronically treated with the terminal complement inhibitor eculizumab. *Annals of Hematology* 96 (4):589-596.
- Andor, M.A., M. Frondel, C. Vance (2017) Mitigating Hypothetical Bias: Evidence on the Effects of Correctives from a Large Field Study. *Environmental and Resource Economics* 68 (3): 777-796.
- Andor, M., M. Frondel, C. Vance (2017) Germany's Energiewende: A tale of increasing costs and decreasing willingness-to-pay. *Energy Journal Special Issue #1 - Renewables and Diversification in Heavily Energy Subsidized Economics*: 211-228.
- Frondel, M., M. Martinez-Flores, C. Vance (2017) Heterogeneous Rebound Effects in Individual Mobility: Evidence from German Households. *Journal of Transport Economics and Policy* 51 (2): 95-114.

- Frondel, M., C. Vance (2017) Cycling on the Extensive and Intensive Margin – The Role of Paths and Prices. *Transportation Research Part A: Policy and Practice* 104: 21-31.
- Langbein, J., J. Peters, C. Vance (2017) Outdoor Cooking prevalence in developing countries and its implication for clean cooking policies. *Environmental Research Letters* 12 (11): 1-13.
- LeSage, J. P., C. Vance, Y. Chih (2017) A Bayesian Heterogeneous Coefficients Spatial Autoregressive Panel Data Model of Retail Fuel Price Rivalry. *Regional Science and Urban Economics* 62: 46-65.
- Frondel, M., C.M. Schmidt, C. Vance (2016) Asymmetry: Resurrecting the Roots. *Quarterly Review of Economics and Finance* 60: 201-206.
- Frondel, M., C. Vance, A. Kihm (2016) Time Lags in the Pass-Through of Crude-Oil Prices: Big Data Evidence from the German Gasoline Market. *Applied Economics Letters* 23 (10): 713-717.
- Kihm, A., N. Ritter, C. Vance (2016) "Is the German retail gas market competitive? A spatial-temporal analysis using quantile regression" *Land Economics* 92 (4): 718-736.
- Kihm, A., C. Vance (2016) The determinants of equity transmission between the new and used car markets: A hedonic analysis. *Journal of the Operational Research Society* 67 (10): 1250-1258.
- Ritter, N., C.M. Schmidt, C. Vance (2016) Short-run fuel price responses: At the pump and on the road. *Energy Economics* 58: 67-76.
- Frondel, M., S. Sommer, C. Vance (2015) The Burden of Germany's Energy Transition: An Empirical Analysis of Distributional Effects. *Economic Analysis and Policy* 45: 89-99.
- Andor, M., M. Frondel, C. Vance (2014) Hypothetische Zahlungsbereitschaft für grünen Strom: Bekundete Präferenzen privater Haushalte für das Jahr 2013. *Perspektiven der Wirtschaftspolitik* 15 (4): 1-12.
- Frondel, M., C.M. Schmidt, C. Vance (2014) Revisiting Germany's Solar Cell Promotion: An Unfolding Disaster. *Economic Analysis and Policy* 44 (1): 3-13.
- Frondel, M., C. Vance (2014), More Pain at the Diesel Pump? An Econometric Comparison of Diesel and Petrol Price Elasticities. *Journal of Transport Economics and Policy* 48 (3):449-463.
- Paloyo, A.R., C. Vance, M. Vorell (2014) Local determinants of crime: Do military bases matter? *Demographic Research* 31 (22): 64-682.
- Peters, J., C. Strupat, C. Vance (2014) Television and Contraceptive Use – Panel Evidence from Rural Indonesia. *Journal of Development Studies* 50 (11): 1538-1549.
- Vance, C., N. Ritter (2014) Is Peace a Missing Value or a Zero? *Journal of Peace Research* 51 (4), 528-540.
- Frondel, M., C. Vance (2013) Re-Identifying the Rebound: What about Asymmetry? *The Energy Journal* 34: 43-54.
- Frondel, M., C. Vance (2013) Heterogeneity in the Effect of Home Energy Audits: Theory and Evidence. *Environmental and Resource Economics* 55: 407-418.
- Frondel, M., C. Vance (2013) Energy efficiency: Don't belittle the rebound effect (Letter to the editor). *Nature* February 28: 494.
- Frondel, M., C. Vance (2013) On Marginal and Interaction Effects: The Case of Heckit and Two-Part Models. *Journal of Economics and Statistics* 233: 22-38.
- Grösche, P. C.M. Schmidt, C. Vance (2013) Identifying Free-riding in Home-renovation Programs Using Revealed Preference Data. *Journal of Economics and Statistics* 223: 600-618.
- Keller, R., C. Vance (2013) Landscape Pattern and Car Use: Linking Household Data with Satellite Imagery. *Journal of Transport Geography* 33: 250-257.
- Procher, V., C. Vance (2013) Who does the shopping? German time-use evidence, 1996-2009. *Transportation Research Record* 2357: 125-133.

- Ritter, N., C. Vance (2013) Do Fewer People Mean Fewer Cars? Population Decline and Car Ownership in Germany. *Transportation Research Part A: Policy and Practice* 50: 74-85.
- Fronzel, M., N. Ritter, C. Vance (2012) Heterogeneity in the Rebound Effect – Further Evidence for Germany. *Energy Economics* 34: 461-467.
- Fronzel, M., C. Vance (2012) Interpreting the Outcomes of Two-Part Models. *Applied Economics Letters* 19: 987-992.
- Iovanna, R., C. Vance (2012) Land Conversion and Market Equilibrium: Insights from a Simulated Landscape. *Annals of Regional Science* 50: 169-184.
- Procher, V., C. Vance (2012) Heterogeneity in the Correlates of Motorized and Non-Motorized Travel in Germany: The Intervening Role of Gender. *Transportation Research Record* 2320: 72-79.
- Vance, C., M. Peistrup (2011) She's Got a Ticket to Ride: Gender and Public Transit Passes. *Transportation* 39: 1105-1119.
- Vance, C., N. Ritter (2011) The Phantom Menace of Omitted Variables: A Comment. *Conflict Management and Peace Science* 29: 233-238.
- Busch, C., C. Vance (2011) The Diffusion of Cattle Ranching and Deforestation: Prospects for a Hollow Frontier in Mexico's Yucatán. *Land Economics* 87: 682-698.
- Fronzel, M., C.M. Schmidt, C. Vance (2011) A Regression on Climate Policy - The European Commission's Proposal to Reduce CO₂ Emissions from Transport. *Transportation Research Part A: Policy and Practice* 45: 1043-1051.
- Fronzel, M., C. Vance (2011) Rarely Enjoyed? A Count Data Analysis of Ridership in Germany's Public Transport. *Transport Policy* 18 (2): 425-433.
- Peters, J., M. Sievert, C. Vance (2011) Impacts of Electricity Usage on Micro-enterprises in Peri-urban Ghana. *Journal of Social and Economic Policy* 8 (1): 55-70.
- Peters, J., C. Vance (2011) Rural Electrification and Fertility – Evidence from Côte d'Ivoire. *Journal of Development Studies* 47: 753-766.
- Peters, J., C. Vance, M. Harsdorff (2011) Grid Extension in Rural Benin: Micro-Manufacturers and the Electrification Trap. *World Development* 39: 773-783.
- Ritter, N., C. Vance (2011) The Determinants of Bicycle Helmet Use: Evidence from Germany. *Accident Analysis and Prevention* 43: 95-100.
- Fronzel, M., N. Ritter, C.M. Schmidt, C. Vance (2010) Economic Impacts from the Promotion of Renewable Energy Technologies: The German Experience. *Energy Policy* 38: 4048-4056.
- Fronzel, M., N. Ritter, C.M. Schmidt, C. Vance (2010) Die ökonomischen Wirkungen der Förderung Erneuerbarer Energien: Erfahrungen aus Deutschland. *Zeitschrift für Wirtschaftspolitik* 59 (2): 107-133.
- Fronzel, M., C. Vance (2010) Driving for Fun? Comparing the Effect of Fuel Prices on Weekday and Weekend Fuel Consumption. *Energy Economics* 32 (1): 102-109.
- Fronzel, M., C. Vance (2010) Fixed, Random, or Something in Between? –A Variant of Hausman's Specification Test for Panel Data Estimators. *Economics Letters* 107: 27-329.
- Paloyo, A., C. Vance, M. Vorell (2010) The Regional Economic Effects of Military Base Realignments and Closures in Germany. *Defence and Peace Economics* 21: 567-579.
- Fronzel, M., C. Vance (2009) Do High Oil Prices Matter? Evidence on the Mobility Behavior of German Motorists. *Environmental and Resource Economics* 43: 81-94.
- Grösche, P., C. Vance (2009) Willingness-to-Pay for Energy Conservation and Free-Ridership on Subsidization. *The Energy Journal* 30: 135-154.

Schmook, B., C. Vance (2009) Agricultural Policy, Missing Markets, and Deforestation: Evidence from Mexico's Southern Yucatán. *World Development* 37: 1015-1025.

Vance, C. (2009) Marginal Effects and Significance Testing with Heckman's Sample Selection Model: A Methodological Note. *Applied Economics Letters* 16: 1415-1419.

Vance, C., M. Mehlin (2009) Fuel Costs, Circulation Taxes, and Car Market Shares: Implications for Climate Policy. *Transportation Research Record* 2134: 31-36.

Fronzel, M., Peters, J., C. Vance (2008) Identifying the Rebound: Evidence from a German Household Panel. *The Energy Journal* 29 (4): 154-163.

Vance, C., R. Hedel (2008) On the Link between Urban Form and Automobile Use: Evidence from German Survey Data. *Land Economics* 84: 51-65.

Vance, C., R. Iovanna (2008) Cities and satellites: Spatial Effects and Unobserved Heterogeneity in the Modeling of Urban Growth. *Transportation Research Record* 2077: 87-96.

Iovanna, R., C. Vance (2007) Modeling of Continuous-time Land Cover Change Using Satellite Imagery: An Application from North Carolina. *Journal of Land Use Science* 2: 147-166.

Vance, C., R. Hedel (2007) The Impact of Urban Form on Automobile Travel: Disentangling Causation from Correlation. *Transportation* 34: 575-588.

Vance, C., R. Iovanna (2007) Gender and the Automobile: An Analysis on Non-work Service Trips. *Transportation Research Record* 2013: 54-61.

Vance, C., R. Iovanna (2006) Analyzing Spatial Hierarchies in Remotely Sensed Data: Insights from a Multilevel Model of Tropical Deforestation. *Land Use Policy* 23: 226-236.

Contributions to collected volumes

Fronzel, M., J. Peters, C. Vance (2008) Fuel Efficiency and Automobile Travel in Germany: Don't Forget the Rebound Effect!, in S. Sorrell and B. Horrace (Hgs.), *Energy Efficiency and Sustainable Consumption: The Rebound Effect*. Palgrave Macmillan.

Nobis, C., B. Lenz, C. Vance (2005) Communication and Travel Behavior: Two Facets of Human Activity Patterns, in Harry Timmermans (editor), *Progress in Activity-Based Analysis*. Elsevier, 471-488.

Geoghegan, J., L. Schneider, C. Vance (2004) Spatially Explicit, Statistical Land-Change Models in Data-Poor Conditions, in B.L. Turner II, Jacqueline Geoghegan and David R. Foster (Hgs.), *Integrated Land-Change Science and Tropical Deforestation in the Southern Yucatán: Final Frontiers*. Oxford University Press, 247-270.

Vance, C. (2004) The Semi-Market and Semi-Subsistence Household: The Evidence and Test of Smallholder Behavior in the Region, in B.L. Turner II, Jacqueline Geoghegan and David R. Foster (Hgs.), *Integrated Land-Change Science and Tropical Deforestation in the Southern Yucatán: Final Frontiers*. Oxford University Press, 221-243.

Vance, C., P. Klepeis, B. Schmook, E. Keys (2004) The Ejido Household: The Current Agent of Change, in B.L. Turner II, Jacqueline Geoghegan and David R. Foster (Hgs.), *Integrated Land-Change Science and Tropical Deforestation in the Southern Yucatán: Final Frontiers*. Oxford University Press, 171-187.

Klepeis, P., C. Vance, E. Keys, P.M. Mendoza (2004) Subsistence Sustained: Swidden or Milpa Cultivation, in B.L. Turner II, Jacqueline Geoghegan and David R. Foster (Hgs.), *Integrated Land-Change Science and Tropical Deforestation in the Southern Yucatán: Final Frontiers*. Oxford University Press, 189-206.

CONFERENCE AND SEMINAR PRESENTATIONS

2024	EEA-ESEM Rotterdam 2024 Conference, Rotterdam/ The Netherlands, Local Costs and Benefits of Power Installations: Hedonic Evidence from Germany
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2023	Urban Economics Association European Meeting, Milan/ Italy Urbanization in Europe: Do Protected Areas Protect? 102 nd Annual Meeting of the Transportation Research Board (TRB), Washington D.C./ USA Time allocation across travel modes: Policy influences and their mediators
2021	100 th Annual Meeting of the Transportation Research Board (TRB), virtual
2020	99 th Annual Meeting of the Transportation Research Board (TRB), Washington D.C./ USA Charged Up: The Effect of Charging Infrastructure on the Uptake of Electric Vehicles 25 th Annual Conference of the European Association of Environmental and Resource Economists (EAERE), virtual The Impact of Charging Infrastructure on the Uptake of Electric Vehicles.
2019	98 th Annual Meeting of the Transportation Research Board (TRB), Washington D.C./ USA Is Gasoline Price Elasticity in the United States Increasing?: Evidence from the 2009 and 2017 National Household Travel Surveys
2018	97 th Annual Meeting of the Transportation Research Board (TRB), Washington D.C./ USA Rockets and Feathers in the German Gasoline Market: An Obituary 41 st IAEE International Conference (IAEE), Groningen/ NL
2017	96 th Annual Meeting of the Transportation Research Board (TRB), Washington D.C./ USA Bicycling on the Extensive and Intensive Margin: The Role of Paths and Prices
2016	95 th Annual Meeting of the Transportation Research Board (TRB), Washington D.C./ USA Linked to Landscape: Assessing Landscape Pattern and Economic Determinants of Land Use Change in Germany Car Ownership and the Rebound: Selection Bias Correction Based on Multinomial Logit Model VfS-Jahrestagung 2016, Augsburg/ Germany The Power of Mandatory Quality Disclosure: Evidence from the German Housing Market
2015	94 th Annual Meeting of the Transportation Research Board (TRB), Washington D.C./ USA Do Major Brands Have Market Power in German Retail Gas Market? Impact of Fuel Economy and Branding on Car Depreciation Conference on Verkehrsökonomik und -politik, Berlin/ Germany The impact of fuel economy on car depreciation: A hedonic analysis VfS-Jahrestagung 2015 "Ökonomische Entwicklung - Theorie und Politik", Münster/ Germany From fuel taxation to efficiency standards: A wrong turn in European climate protection?
2014	93 rd Annual Meeting of the Transportation Research Board (TRB), Washington D.C./ USA Consumer Fuel Price Responsiveness: The Long and the Short of it.
2013	92 nd Annual Meeting of the Transportation Research Board (TRB), Washington D.C./ USA Who Does the Shopping? German Time-Use Evidence, 1996-2009
2012	International Association of Energy Economists 2012 (IAEE), Venice/ Italy Re-Identifying the Rebound: What About Asymmetry
2012	European Association of Environmental and Resource Economists 2012 (EAERE), Prague/ Czech Republic, Future Pain at the Diesel Pump? Potential Effects of the European Commission's Energy Taxation Proposal
2012	Transportation Research Board 91th Annual Meeting, Washington D.C./ USA Procher, V. and C. Vance, Heterogeneity in the Correlates of Motorized and Non-Motorized Travel in Germany: The Intervening Role of Gender.
2011	Transportation Research Board 90th Annual Meeting, Washington D.C./USA Ritter, N. and C. Vance, The Determinants of Bicycle Helmet Use: Evidence from Germany.

- 2010 Fourth World Congress of Environmental and Resource Economists Montreal/ Canada
Busch, C. and C. Vance, The Diffusion of Cattle Ranching, Deforestation, and Prospects for a Hollow Frontier in Mexico's Yucatán.
- 2010 Transportation Research Board 89th Annual Meeting, Washington D.C./ USA
Vance, C. and M. Peistrup, She's Got a Ticket to Ride: Gender and Public Transit Passes.
- 2009 Transportation Research Board 88th Annual Meeting, Washington D.C./ USA
Vance, C. and M. Mehlin, Fuel Costs, Circulation Taxes, and Car Market Shares: Implications for Climate Policy.
- 2008 16th Annual Conference, European Association of Environmental and Resource Economists, Gothenburg/ Sweden,
Schmook, B. and C. Vance, Structural reform and deforestation in Mexico: An econometric analysis of agricultural household data.
- 2008 International Association for Energy Economics International Conference, Istanbul/ Turkey
Peters, J. and C. Vance, Rural electrification and fertility: Evidence from Côte D'Ivoire.
Fronzel, M. and C. Vance, Do high oil prices matter? Evidence on the mobility behavior of German households.
Fronzel, M., P. Grösche, and C. Vance, Heterogeneity in the effect of home energy audits: Theory and evidence.
- 2008 Transportation Research Board 87th Annual Meeting, Washington D.C./ USA
Vance, C. and R. Iovanna (2008), Cities and satellites: Spatial effects and unobserved heterogeneity in the modeling of urban growth.
- 2007 Conference on the Science and Education of Land Use: A Transatlantic, Multidisciplinary and Comparative Approach, Washington D.C./ USA,
Iovanna, R. and C. Vance, Market clearing in an empirical model of conversion.
- 2007 9th International Association for Energy Economics European Conference, Florence/ Italy
Fronzel, M, J. Peters, and C. Vance, Identifying the rebound: Theoretical issues and empirical evidence from a German household panel.
- 2007 9th International Association for Energy Economics European Conference, Florence/ Italy
Grösche, P. and C. Vance, Energy conservation in the residential sector: Are informed households more likely to renovate?
- 2007 Transportation Research Board 86th Annual Meeting, Washington D.C./ USA
Vance, C. and R. Iovanna, Gender and the automobile: An analysis of non-work service trips.
- 2007 Transportation Research Board 86th Annual Meeting, Washington D.C. / USA
Hedel, R. and C. Vance, The impact of urban form on automobile travel: Disentangling causation from correlation.
- 2006 Conference on Sustainable Resource Management, Raw Materials Security, Factor-X Resource Productivity - tools for delivering sustainable growth in the European Union, Bruges/ Belgium,
Fronzel, M, J. Peters, and C. Vance, Fuel efficiency standards and the rebound effect: a panel analysis of German travel survey data.
- 2006 Third World Congress of Environmental and Resource Economists, Kyoto/ Japan
Vance, C. and R. Hedel, Is there a link between urban form and automobile use in Germany? Evidence from a selectivity model.
- 2006 First Workshop of the EARSeL Special Interest Group on Urban Remote Sensing "Challenges and Solutions," Berlin/ Deutschland,
Vance, C. and R. Iovanna, Survival Analysis and Satellite Imagery: A Temporal-Spatial Approach to the Modeling of Urbanization.

Invited Presentations (selection)

2019	Federal Ministry of Transport and Digital Infrastructure: Benzinpreiselastizitäten: Unterschiede zwischen Stadt und Land? Eine Analyse auf Grundlage der Daten des Deutschen Mobilitätspanels. (Auftaktveranstaltung "Verkehr in Zahlen")
2013	TU Dortmund: Fuel taxes versus Efficiency Standards – an Instrumental Variable Approach, TU Dortmund, 25. November.
2012	University Paris-Dauphine, Centre of Geopolitics of Energy and Raw Materials (CGEMP -): Lessons from the German power turnaround.
2012	Ontario Power Perspectives. CI Energy Group, Toronto: Germany's Renewable Energy Act. Ontario Power Perspectives. CI Energy Group, Toronto, 16-17 April
2010	University of Stirling Vance, C. (2010), The European Commission's Legislation on Automobile Emissions: A Regression on Climate Change?
2010	Jacobs University Vance, C. (2010), Economic Impacts from the Promotion of Renewable Energy Technologies: The German Experience. EMBA Program in European Utility Management.
2008	Jahreskolloquium: Die Europäische Union als Akteur der Weltordnungspolitik, Heidelberg Vance, C. (2008), Die Sicherheit der Versorgung mit Rohstoffen aus der Sicht der Europäischen Union.

TEACHING EXPERIENCE

since 07.2009	Professor at Constructor University (former Jacobs University) & Bremen International School of Social Sciences (BIGSSS) - lecture: "Econometrics" - seminar: "Energy Economics" - "Environmental & Resource Economics" - seminar: „Logic of Comparative Research“ - lecture: „Macroeconomics“ - lecture: „Microeconomics“ - "Sustainable Energy Policy" - "Topics in Advanced Regression Analysis"
2008 – 2009	Ruhr Graduate School (RGS), Essen lecturer seminar, "Advanced Methods in Applied Econometrics"
2003 – 2004	Technical University Berlin, Berlin lecturer: "Grundlagen und Rahmenbedingungen von Verkehrssystemen: Verkehrswirtschaft und Verkehrspolitik"
1997 – 2000	Clark University, Worcester/ USA George Perkins Marsh Institute lecturer seminars: "Development Economics" und "International Economics"

DISSERTATION COMMITTEES

Katie Nelson, Contributions to coral commons: Experiments in giving, Jacobs University 2018
Carina Goldbach, Linking environmental change, preferences and migration in coastal areas of Ghana and Indonesia, Jacobs University, 2017
Philipp Riegebauer, Connecting the heat and electricity market for renewable energy integration, 2016

Rose Keller, Place Predictors of Human Environmental Impact: Explaining Regional Environmental Impact Dynamics, Bremen International Graduate School of Social Sciences, 2014
 Alexander Kihm, DISCO: DISaggregate Car Ownership, Jacobs University, 2014
 Nolan Ritter, Mobility in Germany – car dependency, safety and fuel elasticities, Ruhr-Universität Bochum, 2012
 Markus Stronzik, The European Natural Gas Sector – Between Regulation and Competition, Jacobs University, 2012

OTHER COMMITTEES

2014	Reviewer Committee for the 37 th IAEE International Conference in New York City International Association for Energy Economics
2014	Scientific Programme Committee of the European Conference on Data Analysis (ECDA) in Bremen
2013	Planning committee for the 13 th European IAEE Conference in Düsseldorf International Association for Energy Economics
2013	Committee chair for the Student Best Paper Award, International Association for Energy Economics

REFEREEING (SELECTION)

Annals of the Association of American Geographers	Journal of Environmental Management
Agricultural Economics	Journal of Risk and Insurance
Ecological Economics	Journal of Sustainable Transportation
European Economic Review	Journal of Transport Economics
The Energy Journal	Land Economics
Energy Policy	Regional Environmental Change
Environmental and Resource Economics	Transportation Research Part A: Policy and Practice
Environmental Management	Transportation Research Record
German Economic Review	World Development
International Journal of Environment and Pollution	

AWARDS AND HONORS

2018	USAEE/IAEE 2017 Best Paper Award Working Paper, International Association for Energy Economics for the manuscript “Germany’s Energiewende: A Tale of Increasing Costs and Decreasing Willingness-to-pay”
2012	USAEE/IAEE 2011 Best Working Paper Award, International Association for Energy Economics for the manuscript “Re-Identifying the Rebound: What About Asymmetry?”
2011	Publication Award 2010, 3 rd place, awarded by the Friends and Sponsors of RWI for the article “Fixed, Random, or Something in Between? A Variant of Hausman’s Specification Test for Panel Data Estimators” co-author Manuel Frondel
2010	Publication Award 2009, 2 nd place, awarded by the Friends and Sponsors of RWI for the article “Do high oil prices matter? Evidence on the mobility behavior of German households” (co-author Manuel Frondel)

2009	Publication Award 2008, awarded by the Friends and Sponsors of RWI (co-author Manuel Frondel)
1993 – 2000	University Studentship at Clark University

LANGUAGE PROFICIENCY

English:	Native Language
German:	Fluent in written and spoken
Spanish:	Basic Knowledge