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## Current Academic Positions

- since 03/2019 Assistant Professor (tenure track) in Environmental Economics, Centre for Environmental Sciences, Hasselt University, Belgium.
- since 10/2019 Member, Data Science Institute, Hasselt University, Belgium.
- since 07/2019 Research Associate (20%), Department of Economics, University of Göttingen, Germany. Principal Investigator for research grant financed by German Science Foundation.

## Past Academic Positions

- 10/2018–02/2019 Stand-in Professor in Econometrics (W3), University of Göttingen, Germany.
- 09/2018–02/2019 Guest Professor in Environmental Economics, Centre for Environmental Sciences, Hasselt University, Belgium.
- 10/2016–09/2018 Postdoctoral Researcher at the Chair of Econometrics, University of Göttingen, Germany.
- 11/2014–09/2016 Head of Junior Research Group „Meta-Research in Economics“ at the University of Kassel, Germany.
- 05/2014–10/2014 Postdoctoral Researcher at the Economic Policy Research Group at the University of Kassel, Germany.
- 08/2013–04/2014 Research Fellow at Max Planck Institute of Economics, Jena, Germany.
- 08/2010–07/2013 Research Fellow at German Science Foundation Graduate College ”The Economics of Innovative Change”, joint PhD programme of Max Planck Institute of Economics and University of Jena, Germany.

## Education

- 12/2013 Dr. rer. pol. (PhD in Economics), University of Jena.  
Topic: *Meta-Regression Analysis in Economics* (summa cum laude).
- 03/2010 Diplom Volkswirt (Master of Science in Economics), University of Münster.
- 04/2005–03/2010 Studies in Economics, University of Münster.
- 10/2005–09/2008 Studies in Political Science, University of Hagen.
- 08/2004–03/2005 Studies in Chemistry, University of Münster.

## Grants

- 2019–2021 *Replications in Empirical Economics: Necessity, Incentives and Impact*. German Science Foundation. 140,000 Euro.

- 2016-2017 *Energy for Economic Growth*. Department of International Development, UK. Consortium led by Catherin Wolfram (UC Berkeley) and administered by Oxford Policy Management. White paper author for Theme 1 „The linkages between electricity supply and economic growth“. £5,000.
- 2016-2019 *Energy Efficiency Innovation: Diffusion, Policy and the Rebound Effect*. Australian Research Council. Co-investigators: David I. Stern (Australian National University) and Alessio Moneta (Scuola Superiore Sant’Anna). A\$ 273,000 (ca. 180,000 Euro).
- 2014-2016 *Meta-Research in Economics*. Starting Grant for a Junior Research Group at the University of Kassel. Own position (TV-H E14) and 60,000 Euro.

## Research Stays

- 02/2017 Crawford School of Public Policy, Australian National University, Canberra, Australia. Host: [David I. Stern](#)
- 08/2015–09/2015 Stanford Prevention Research Center, Stanford University, Palo Alto, USA. Host: [John P. A. Ioannidis](#)
- 06/2014 Institute of Economics, Scuola Superiore Sant’Anna, Pisa, Italy. Host: [Alessio Moneta](#)
- 05/2013 Stanford Prevention Research Center, Stanford University, Palo Alto, USA. Host: [John P. A. Ioannidis](#)
- 06/2012 Crawford School of Public Policy, Australian National University, Canberra, Australia. Host: [David I. Stern](#)

## Distinctions

- 10/2019 Plenary Presentation „Reporting errors in economics“ at the Meta-Analysis in Economic Research Conference in Greenwich, UK.
- 10/2017 Plenary Presentation „Economics has half of its significant  $p$ -values inflated“ at the Meta-Analysis in Economic Research Conference in Friedrichshafen, Germany.
- 12/2015 Keynote presentation „ $p$ -Hacking and Meta-Regressions in Observational Research“ at the INFER Workshop: Spatial Analysis in Energy, Environmental and Innovation Economics, Aachen, Germany.
- 09/2013 Plenary Presentation „Improving the Credibility of Observational Research in Economics“ at the Meta-Analysis in Economic Research Conference in Greenwich, England.
- 03/2010 Rank 2 of 53, Diplom Volkswirt (Master of Science in Economics), University of Münster.

## Media Coverage

- 2019 Rebound effect in U.S. media ([The Daily Caller](#))
- 2016 The grant from the Australian Research Council (rebound effect) was covered in national ([Frankfurter Rundschau](#)) and local ([Göttinger Tageblatt](#)) newspapers as well as in a sustainability magazine ([enorm Magazin](#)) and the radio ([SWR Impuls - Das Wissensmagazin](#), [SWR - Landesschau Aktuell](#)).

## Invited Talks

- 4/2020 Meta-Research Innovation Center at Stanford (METRICS) - International

	forum (online), Stanford University, Palo Alto, USA.
9/2019	German Economic Institute, Cologne, Germany.
7/2019	RWI - Leibniz Institute for Economic Research, Essen, Germany.
6/2018	Department of Economics, University of Gießen, Germany.
2/2017	Department of Economics, Deakin University, Melbourne, Australia.
9/2016	Workshop on Freewheeling Econometrics, Scuola Superiore Sant'Anna and financed by YSI-INET, Pisa, Italy.
5/2016	Department of Economics, University of Hamburg, Germany.
4/2016	ESRC-funded Workshop on Behavioral Science, Measurement, and Policy, University of Stirling, UK.
2/2015	Department of Economics, University of Stirling, UK.
1/2015	Department of Economics, RWTH Aachen, Germany.
6/2014	Institute of Economics, Scuola Superiore Sant'Anna, Pisa, Italy.
3/2014	Economic Policy Research Group at the University of Kassel, Kassel, Germany.
11/2013	Center for Quantitative Economics, Westfälische Wilhelms-Universität Münster, Münster, Germany.
6/2012	Crawford School of Public Policy, Australian National University, Canberra, Australia.

### **Scholarships**

01/2014–03/2014	German Science Foundation Post-Doctoral Scholarship
08/2010–07/2013	German Science Foundation PhD Scholarship

### **Conferences and Workshops**

05/2019	8th Mannheim Energy Conference, Centre for European Economic Research (ZEW), Mannheim, Germany.
10/2018	Workshop: Learning on climate solutions, Mercator Research Institute on Global Commons and Climate Change, Berlin, Germany.
06/2018	41st International Conference of the International Association for Energy Economics (IAEE), Groningen, Netherlands.
10/2017	Meta-Analysis of Economic Research Network (MAER-Net) Colloquium, University of Friedrichshafen, Germany.
10/2016	Econometric Models of Climate Change, CREATES and Climate Econometrics programme at the University of Oxford, Aarhus, Denmark.
12/2015	IWH-CIREQ Macroeconometric Workshop "Challenges for Forecasting - Structural Breaks, Revisions and Measurement", Halle, Germany.
7/2015	Symposium: Governance, Performance and Leadership of Research and Public Organizations, Munich, Germany.
6/2015	Colloquium Economics and Law, University of Kassel, Germany.
7/2014	15th Conference of the International Joseph A. Schumpeter Society, Friedrich-Schiller-University, Jena, Germany.

- 3/2014 Second Workshop on Synthesizing Complex Statistical Models, ISS, Cologne, Germany.
- 10/2013 11th Buchenbach Workshop on Behavioral and Evolutionary Economics, Verein für Socialpolitik, Ausschuss für Evolutorische Ökonomik, Buchenbach, Germany.
- 9/2013 Evolutionary Economics Seminar, Max Planck Institute of Economics, Jena, Germany.
- 9/2013 Meta-Analysis of Economic Research Network (MAER-Net) Colloquium, University of Greenwich, Greenwich, England.
- 7/2012 14th Conference of the International Joseph A. Schumpeter Society, University of Queensland, Brisbane, Australia.
- 11/2011 11th Young Energy Economists and Engineers Seminar, Comillas Pontifical University, Madrid, Spain.
- 10/2011 11th Buchenbach Workshop on Behavioral and Evolutionary Economics, Verein für Socialpolitik, Ausschuss für Evolutorische Ökonomik, Buchenbach, Germany.

## Publications

- 14 Bruns S. B. and Ioannidis J. P. A. (in press). Determinants of economic growth: Different time different answer? *Journal of Macroeconomics*.
- 13 Nobel A., Lizin S., Brouwer R., Bruns S. B., Stern D. I. and Malina, R. (in press). Are anthropogenic pressures on biodiversity valued differently than natural ones? A meta-analysis of the non-use valuation literature. *Environmental Research Letters*.
- 12 Bruns S. B., Csereklyei Z., and Stern D. I. (2020). A multicointegration model of global climate change. *Journal of Econometrics*, 214(1): 175-197.
- 11 Bruns S. B. and Kalthaus M. (2020). Flexibility in the selection of patent counts: Implications for  $p$ -hacking and evidence-based policymaking. *Research Policy*, 49(10).
- 10 Bruns S. B., Asanov I., Bode R., Dunger M., Funk C., Hassan S. M., Hauschildt J., Heinisch D., Kempa K., König J., Lips J., Verbeck M., Wolfschütz E., and Buenstorf G. (2019). Reporting errors and biases in published empirical findings: Evidence from innovation research. *Research Policy*, 48(9).
- 9 Bruns S. B., König J., and Stern D. I. (2019). Replication and Robustness Analysis of 'Energy and Economic Growth in the USA: A Multivariate Approach'. *Energy Economics*, 82(SI): 100-113.
- 8 Bruns S. B. and Stern D. I. (2019). Lag length selection and  $p$ -hacking in Granger causality testing: Prevalence and performance of meta-regression models. *Empirical Economics*, 56(3): 797-830.
- 7 Burke P. J., Stern D. I., and Bruns S. B. (2018). The Impact of Electricity on Economic Development: A Macroeconomic Perspective. *International Review of Environmental and Resource Economics*, 12(1): 85-127.
- 6 Bruns S. B. (2017). Meta-Regression Models and Observational Research. *Oxford Bulletin of Economics and Statistics*, 79(5), 637-653.
- 5 Bruns S. B. and David. S. I. (2016). Research Assessment Using Early Citation Information. *Scientometrics* 108(2): 917-935.
- 4 Bruns S. B. and Moneta A. (2016). Intertemporal Propensity to Consume. *Journal of Evolutionary Economics*, 27(2), 295-314.

- 3 Bruns S. B. and Ioannidis J. P. A. (2016). *p*-Curve and *p*-Hacking in Observational Research. *PLoS ONE* 11(2): e0149144.
- 2 Bruns S. B., Gross C., and Stern D. I. (2014). Is There Really Granger Causality Between Energy Use and Economic Output?. *The Energy Journal* 35(4): 101-134.
- 1 Bruns S. B. and Gross C. (2013). What If Energy Time Series are Not Independent? Implications for Energy-GDP Causality Analysis. *Energy Economics* 40: 753-759.