

# Stefan BORSKY

## PERSONAL DATA

APRIL 19, 2022

---

PLACE AND DATE OF BIRTH: Vienna | 26 March 1980  
ADDRESS: Brandhofgasse 5  
8010 Graz, Austria  
PHONE: +43 (0)316 380 - 7514  
EMAIL: [stefan.borsky@uni-graz.at](mailto:stefan.borsky@uni-graz.at)  
WEBPAGE: <https://homepage.uni-graz.at/en/stefan.borsky/>

## EDUCATION

---

Nov 2011 Ph.D. in Economics at **University of Innsbruck**, Austria  
Thesis: "Explaining Compliance with International Agreements - An Empirical Analysis"  
Advisors: Hannelore WECK-HANNEMANN and Michael PFAFFERMAYR

JUNE 2006 Master in Internat. Business Administr. at **University of Vienna**, Austria  
Thesis: "The Value of the National Park Neusiedler See -Seewinkel: An application of the Contingent Valuation Method"  
Advisor: Andreas NOVAK

FALL 2004 Exchange Semester at **University of Applied Life Science**, Austria  
Several lectures in Environmental and Bio-Resource Management

## WORK EXPERIENCE

---

<i>current</i> OCTOBER 2016	Assistant Professor <i>Wegener Center for Climate and Global Change</i> University of Graz, Austria
DEC 2014-SEPT 2016	Assistant Professor <i>Department of Environmental &amp; Business Economics</i> University of Southern Denmark, Denmark
Nov 2011-Nov 2014	Postdoctoral Researcher <i>Department of Environmental &amp; Business Economics</i> University of Southern Denmark, Denmark
OCT 2007-Oct 2011	Research and Teaching Assistant <i>Department of Public Economics</i> University of Innsbruck, Austria
Nov 2010-MAR 2011	Economic Advisory <i>Forestry Department, Government of Tyrol, Austria</i> <i>Project advisory in the economic aspects and valuation techniques of the research project "Socio-economic valuation of the protection functions of a forest in Tyrol II".</i>
JUN 2007-Oct 2009	Researcher (Economics) <i>alpS - Centre for Natural Hazard and Risk Management, Austria</i>

#### RESEARCH VISITS

---

JULY 2019	<i>Institute of Social Economic Research (ISER)</i> Osaka University, JAPAN <i>Invitation:</i> Masako Ikefuji
JUNE 2018-OCT 2018	<i>Regional Economics Applications Laboratory</i> University of Illinois at Urbana-Champaign, USA <i>Invitation:</i> Sandy Dall'Erba

#### HONOURS AND AWARDS

---

2021	EAERE Award for Outstanding Publication in the Journal <i>Environmental and Resource Economics</i>
2021	Yu Chen Memorial Publication Prize, University of Graz
2019	Lead author, Special Report: "Land use, land management and climate change" (Austrian Panel on Climate Change)
since 2018	Affiliated faculty member of Regional Economics Applications Laboratory, University of Illinois at Urbana-Champaign, USA
2018	Julius Raab Grant, Austrian Economic Chambers
2010	LFUI Best Student Paper Award, University of Innsbruck
2006	Research Award, Austrian Federal Ministry of Agriculture, Forestry, Environment and Water Management

#### MEMBERSHIPS

---

European Association of Environmental and Resource Economists (EAERE), Austrian Economic Association (NOEG), Italian Association of Environmental and Resource Economists (IAERE).

#### REFEREEING

---

<i>Journals</i>	Disaster Journal; Economic Inquiry; Economic Systems; Energy Policy; Environment and Development Economics; Environment, Development and Sustainability; Environmental and Resource Economics; European Journal of Political Economy; International Environmental Agreements: Politics, Law and Economics; International Journal of the Commons; Land Economics; Sustainable Development; The Polar Journal; Tourism Management.
<i>Conferences &amp; Grants</i>	OENB Anniversary Fund; NOEG2019; NOEG2013.

## PROJECTS

---

2020-2022 Impact of Environmental Regulation on FDI-activity of Multinational Enterprises  
Grant from the Austrian National Bank.  
AMOUNT: >€ 124,000. PI: Andrea Leiter-Scheiring.

2018-2022 COACCH (CO-designing the Assessment of Climate CHange costs)  
Grant from the European Union, Horizon 2020.  
AMOUNT: >€ 4,000,000. PI-WP: Birgit Bednar-Friedl.

2017-2019 The Costs of Inaction for Austria: Climate change impacts transmitted by international trade  
Grant from the Austrian Climate Research Program.  
AMOUNT: €400,000. PI: Birgit Bednar-Friedl.

2015 Phosphor rock price, reserves and recycling options  
Grant from the Danish Environmental Protection Agency.  
AMOUNT: €10,000. PI: Stefan Borsky.

2014-2016 Sustainable Management of Phosphorous in a Circular Economy  
AMOUNT: €780,000. PI: Sven G. Sommer.

2011-2012 International Trade in Scarce Natural Resources  
Grant for young researchers, University of Innsbruck.

2010-2011 Institutions, Economic Incentives and Environmental Behavior  
Grant for young researchers, University of Innsbruck.

## RESEARCH INTERESTS

---

Applied Econometrics, Spatial Econometrics, Natural Resources, Local Institutions, Monitoring and Enforcement, International Environmental Agreements.

## ADMINISTRATIVE TASKS

---

since 2019 Member of the EU Horizon 2020 Networking Group of the University of Graz.

since 2019 Member of the study board "Economics" of the University of Graz.

since 2016 Member of the study board "Environmental System Sciences - Economics" of the University of Graz.

## LANGUAGE SKILLS

---

German (native), English (fluent), Spanish (moderate), Danish (moderate).

## SOFTWARE SKILLS

---

LaTex, Stata, ArcGIS, R.

## PUBLICATIONS

---

### *Articles:*

Borsky, S. and Hennighausen, H.B. (2022) Public flood risk mitigation and the homeowner's insurance demand response, *Land Economics*, forthcoming.

Borsky, S. and Leiter, A. (2022) International trade in rough diamonds and the Kimberley Process Certification Scheme, *World Development*, 152: 105789.

Borsky, S. and Zaman, R. (2021) The impact of supply structure on solar home system installations in rural off-grid areas, *Environmental Innovation and Societal Transitions*, 40: 625 - 644.

Borsky, S., Hennighausen, H.B., Leiter-Scheiring, A. and Williges, K. (2020) CITES and the Zoonotic Disease Content in International Wildlife Trade, *Environmental and Resource Economics*, 76: 1001-1017.

Borsky, S. and Kalkschmied, K. (2019) Corruption in Space: A closer look at the world's subnations, *European Journal of Political Economy*, 59: 400-422.

Borsky, S. and Unterberger, C. (2019) Bad Weather and Flight Delays: The Impact of Sudden and Slow Onset Weather, *Economics of Transportation*, 18: 10-26.

Borsky, S., Leiter-Scheiring, A. and Pfaffermayr, M. (2018) Product Quality and Environmental Standards: The Effect of an International Environmental Agreement on Tropical Timber Trade, *World Economy*, 41(11): 3098-3129.

Borsky, S. and Parchomenko, M. (2018) Identifying phosphorus hot spots: A spatial analysis of the phosphorus balance as a result of manure application, *Journal of Environmental Management*, 214:137-148.

Borsky, S. and Spata, M. (2018) The Impact of Fair Trade on Smallholders' Capacity to Adapt to Climate Change, *Sustainable Development*, 26(4):379-398.

Borsky, S. and Raschky, P.A. (2015) Intergovernmental Interaction and Compliance With an International Environmental Agreement, *Journal of the Association of Environmental and Resource Economists*, 2(2):161-203 (Lead article).

Borsky, S. and Raschky, P.A. (2009) The Hedonics of Hedonism - Estimating the Value of Risk-Taking Activities, *Kyklos*, 62(2): 210-225.

### *Working Papers:*

Borsky, S. (2020) The role of global supply chains in the transmission of weather induced production shocks (together with Jury, M.)

Borsky, S. (2014) Setting one voluntary standard in a heterogeneous Europe - EMAS, environmental taxes and institutional quality (together with Blanco, E.)

### *Other publications, outreach, project reports:*

Kuik, O., Botzen, W., Tesselaar, M., Ignjacevic, P., Bednar-Friedl, B., Knittel, N., Preinfalk, E., Borsky, S., Raich, J., Tarpey, J., Troeltsch, J., Hennighausen, H., Ginkel, K., Jeuken, A., Bodirsky, B., Stevanovic, M., Watkiss, P., Hunt, A., Lincke, D. and Hinkel J. (2021). *D4.2 Sectoral assessments of policy effectiveness. Deliverable of the H2020 COACCH project*.

Borsky, S. (2020) Internationaler Handel, Klimapolitik und Carbon Leakage, *FIW Policy Brief*

45, May 2020 (in german)

Borsky, S., Kirchengast, G. and Trieb, C. (2019) Climate refugees, *Wasserland Steiermark*, 01/2019: 6-11. (in german)

Schleypen, J.R., Dasgupta, S., Borsky, S., Jury, M., Ščasný, M., Bezhaniashvili, L. (2019). *D2.4 Impacts on Industry, Energy, Services, and Trade. Deliverable of the H2020 COACCH project.*

Borsky, S. (2016) Phosphor price and phosphor reserves, IME Report 017:2016, Department of Environmental and Business Economics, University of Southern Denmark.

Borsky, S. (2011) Explaining Compliance with International Agreements - An Empirical Analysis, University of Innsbruck.

Borsky, S. (2009) Socio-economic valuation of the protection functions of a forest in Tyrol, alps Final report.

Borsky, S. and Raschky,P.A (2008) Individual Risk-Taking and External Effects - An Empirical Examination, in Martorell, S., Guedes Soares, C. & Barnett, J. Safety, Reliability and Risk Analysis Theory, Methods and Applications. Taylor & Francis, London, pp. 973-979.

Borsky, S. (2006) The Value of the National Park Neusiedler See -Seewinkel: An application of the Contingent Valuation Method, University of Vienna.

## CONFERENCE & WORKSHOP PRESENTATIONS

---

2021 | 26<sup>th</sup> Annual Meeting of the European Association of Environmental and Resource Economists, Berlin, Germany.

2020 | 25<sup>th</sup> Annual Meeting of the European Association of Environmental and Resource Economists, Berlin, Germany; Sustainable Energy Transitions Initiative Fifth Annual Meeting (SETI), Duke University, USA; REAL/PUCRS Research seminar, University of Illinois at Urbana-Champaign, USA.

2019 | Empirical Economics Workshop, University of Graz, Austria; ROKKO research seminar, Kobe University, Japan; ISER research seminar, Osaka University, Japan; 24<sup>th</sup> Annual Meeting of the European Association of Environmental and Resource Economists, Manchester, UK; RSA Annual Conference 2019, Santiago de Compostella, Spain; NOeG Annual Meeting 2019, Graz, Austria; 7<sup>th</sup> Annual Conference of the Italian Association of Environmental and Resource Economists, Udine, Italy.

2018 | The Regional Economics Applications Laboratory Research Seminar, University of Illinois at Urbana-Champaign, USA; The International Policy and Development Workshop, University of Illinois at Urbana-Champaign, USA.

2017 | International Workshop "The Economics of Climate Change and Sustainability", Rimini, Italy.

2016 | 22<sup>nd</sup> Annual Meeting of the European Association of Environmental and Resource Economists, Zurich, Switzerland; Research Seminar, Wegener Center for Climate and Global Change, University of Graz, Austria.

2015 | Canadian Resource and Environmental Economics Study Group Annual Conference 2015, Québec, Canada; Annual Conference of the Research Group on Development Economics, Verein für Socialpolitik, Kiel, Germany; EDEM Research Seminar, Erasmus University Rotterdam; Research Seminar, University of Innsbruck, Austria.

2014 | 16<sup>th</sup> Annual BIOECON Conference on Resource Economics, Biodiversity Conservation and Development, Cambridge, England; World Congress of Environmental and Resource Economists, Istanbul, Turkey; Annual conference of the Research Group on Development Economics, Verein für Socialpolitik, Passau, Germany; 7<sup>th</sup> Danish Environmental Economics Conference; Research Seminar, University of Graz, Austria.

2013 | 28<sup>th</sup> Annual Congress of the European Economic Association, Gothenburg, Sweden; 20<sup>th</sup> Annual Meeting of the European Association of Environmental and Resource Economists, Toulouse, France; Spring Meeting of Young Economists, Aarhus, Denmark; Annual Meeting of the Austrian Economic Association, Innsbruck, Austria; Research Seminar, University of Southern Denmark, Denmark.

2012	14 <sup>th</sup> Annual BIOECON Conference on Resource Economics, Biodiversity Conservation and Development, Cambridge, England; 19 <sup>th</sup> Annual Meeting of the European Association of Environmental and Resource Economists, Prague, Czech Republic; 19 <sup>th</sup> Ulvön Conference on Environmental Economics, Umeå, Sweden; 1 <sup>st</sup> Workshop of the Austrian Environmental Economists, University of Innsbruck, Austria; AUROE Workshop for young researchers in Environmental Economics, University of Bern, Switzerland; Research Seminar, University of Southern Denmark, Denmark.
2011	13 <sup>th</sup> Annual BIOECON Conference on Resource Economics, Biodiversity Conservation and Development, Geneva, Switzerland; 18 <sup>th</sup> Annual Meeting of the European Association of Environmental and Resource Economists, Rome, Italy; Annual Meeting of the Austrian Economic Association, Graz, Austria; Environmental Protection and Sustainability Forum, Exeter, England; Seminar on applied econometrics, University of Innsbruck, Austria; Workshop "Experiments and other Methods in Environmental Economics, University Innsbruck, Austria; Seminar on applied econometrics, University of Innsbruck, Austria.
2010	New Developments in Political Economy, Basel, Switzerland; 4 <sup>th</sup> Conference of the Spanish-Portuguese Association of Natural Resources and Environmental Economics, Spain; Annual Meeting of the Austrian Economic Association, Vienna, Austria; 2 <sup>nd</sup> Workshop of the Research Priority Program in Empirical and Experimental Economics, University of Innsbruck, Austria; Interdisciplinary PhD Seminar of the research platform Alpine Space, University of Innsbruck, Austria; Seminar on applied econometrics, University of Innsbruck, Austria.
2009	PhD Seminar, University of Zurich, Switzerland; European Association of Agricultural Economists PhD Workshop, Justus Liebig University Giessen, Germany; Seminar on applied econometrics, University of Innsbruck, Austria; Workshop "Economic Dimensions of Natural Hazards", WIFO, Austria (invited).
2008	Annual Meeting of the Austrian Economic Association, Vienna, Austria; Annual Meeting of the Society of Risk Analysis (SRA), Spain; International Disaster and Risk Reduction Conference, Davos, Switzerland; Annual Meeting of the European Geosciences Union, Austria; PhD Seminar, University of Zurich, Switzerland; Workshop "Environmental Valuation", Austrian Federal Forests, Vienna, Austria (invited); Seminar on applied econometrics, University of Innsbruck, Austria.
2007	Research Seminar, University of Zurich, Switzerland.
<i>Public</i>	Internationaler Handel, Klimapolitik und Carbon Leakage, 35. Außenwirtschafts-Vorlesung, Ministry of Digital and Economic Affairs, June 2020; The benefits of the protection forest in Tyrol, Tiroler Bildungsinstitut, March 2009; The benefits of the protection forest in Tyrol, Landhaus/Innsbruck, February 2009
<i>Media</i>	Study presentation: The value of the protective function of forests in Tyrol, Radio Tirol, 12.02.2009

## OUTREACH ACTIVITIES

---

### Oral talks

*Nationale CO<sub>2</sub>-Bepreisung: Hintergründe und Auswirkungen*, ÖKO-PROFIT, Amt der Vorarlberger Landesregierung, December 2020, March 2022.

*Die Auswirkungen des European Green Deal auf die Außenwirtschaft*, Seminar des Außenwirtschaftscurriculum 2021/2022, Ministry of Digital and Economic Affairs, December 2021.

*The role of global supply chains in the transmission of weather induced production shocks*, Workshop in the framework of the 64<sup>th</sup> session of the UNECE Working Party on Intermodal Transport and Logistics. United Nations Economic Commission for Europe, Geneva, Switzerland, October 2021.

*CO<sub>2</sub> als internationaler Wettbewerbsfaktor?*, ÖKO-PROFIT, Amt der Vorarlberger Landesregierung, December 2020.

*Internationaler Handel, Klimapolitik und Carbon Leakage*, 35. Außenwirtschafts-Vorlesung, Ministry of Digital and Economic Affairs, June 2020.

*Wirtschaft, Umwelt und Nachhaltigkeit*, Seminar des Außenwirtschaftscurriculum 2019/2020, Ministry of Digital and Economic Affairs, September 2019.

*The benefits of the protection forest in Tyrol*, Tiroler Bildungsinstitut, March 2009.

*The benefits of the protection forest in Tyrol*, Landhaus/Innsbruck, February 2009.

*The value of the protective function of forests in Tyrol*, Radio Tirol, 12.02.2009.

### Written Communication

Borsky, S., Hennighausen, H.B., Leiter-Scheiring, A. und Williges, K. (2021) Kann das Virus-Risiko durch Wildtierhandel reguliert werden? *Der ökonomische Blick – die Presse* (22/05/2021.)

Borsky, S. (2020) Internationaler Handel, Klimapolitik und Carbon Leakage, *FIW Policy Brief 45*, May 2020.

Borsky, S und Leiter, A (2019). Wem nützen Umweltschutz-klauseln in Freihandelsabkommen. *Der ökonomische Blick – die Presse* (11/11/2019).

Borsky, S. (2016) Brexit – An exit for a common international environmental policy? *Mereconomics Blog* (June 2016).

Borsky, S. (2016) Unilateral trade measures to tackle Illegal, Unreported and Unregulated fishing – A panacea or just another hopeless effort. *Mereconomics Blog* (March 2016).

## TEACHING & SUPERVISION

---

### SUPERVISION:

*Master Thesis:* Jakob Arendt (current), Moritz Steinbacher (current), Simon Kiwek (2020), Carolin Trieb (2020), Markus Simbürger (2018), Alexej Parchomenko (2016), Ralf Haberle (2016), Phillip Reiter (2016), Patrick Simon Keller (2016), Chiara Wöhle (2016), Filip Forster (2016), Martina Spata (2016), Sebastian Scheler (2015), Roberta D' Angioletta (2015), Shahriar Shahheydari (2014), Tim Weinert (2014), Pia Thorsager (2014), Siim Meliste (2012).

### RECENTLY TEACHING:

Year	Subject	Institution	Type	Level
2020	Environmental Economics	University of Graz	Lecture	Grad.
	Microeconomics	University of Graz	Lecture	Ugrad.
	Seminar in Environmental Economics	University of Graz	Seminar	Ugrad.
2019	Environmental Economics	University of Graz	Lecture	Grad.
	Microeconomics	University of Graz	Lecture	Ugrad.
	Seminar in Environmental Economics	University of Graz	Seminar	Ugrad.
2018	Environmental Economics	University of Graz	Lecture	Grad.
	Microeconomics	University of Graz	Lecture	Ugrad.
	Seminar in Environmental Economics	University of Graz	Seminar	Ugrad.
2017	Environmental Economics	University of Graz	Lecture	Grad.
	Microeconomics	University of Graz	Lecture	Ugrad.
	Seminar in Environmental Economics	University of Graz	Seminar	Ugrad.
2012-2015	Environmental Economics	Univ. of Southern Denmark	Lecture	Grad.
	Environmental Economics	Univ. of Southern Denmark	Lecture	Ugrad.
	Microeconomics	Univ. of Southern Denmark	Lecture	Ugrad.
2007-2011	TA Public Economics and Environmental Economics	University of Innsbruck		

---

## REFERENCES

---

Professor Charles F. Mason  
Department of Economics and Finance  
University of Wyoming  
1000 E. University Avenue  
Laramie, WY 82071  
USA  
Phone: +1 307 766 5336  
bambuzlr[at]uwyo.edu

Professor Michael Pfaffermayr  
Department of Economics  
University of Innsbruck  
Universitätstrasse 15  
A-6020 Innsbruck  
AUSTRIA  
Phone: +43 512 507 7359  
michael.pfaffermayr[at]uibk.ac.at

Professor Andrea Leiter-Scheiring  
Department of Economics  
University of Innsbruck  
Universitätstrasse 15  
A-6020 Innsbruck  
AUSTRIA  
Phone: +43 512 507 71018  
andrea.leiter[at]uibk.ac.at

Professor Paul A. Raschky  
Department of Economics  
Monash University  
900 Dandenong Road  
Caulfield 3145 VIC, Australia  
AUSTRALIA  
Phone: +61 3 9903 4515  
paul.raschky[at]monash.edu