

# Stefan BORSKY

## PERSONAL DATA

AUGUST 29, 2025

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PLACE AND DATE OF BIRTH: Vienna | 26 March 1980  
ADDRESS: Brandhofgasse 5  
8010 Graz, Austria  
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EMAIL: [stefan.borsky@uni-graz.at](mailto:stefan.borsky@uni-graz.at)  
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## EDUCATION

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JUNE 2022 Habilitation in System Sciences and Economics at **University of Graz**, Austria

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

## WORK EXPERIENCE

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<i>since Oct 2022</i>	Associate Professor for Climate and Environmental Economics <i>Wegener Center for Climate and Global Change</i> University of Graz, Austria
<i>Oct 2016-Sept 2022</i>	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

FEB 2025	<i>College of Integrative Studies</i> Singapore Management University, SINGAPORE <i>Invitation:</i> Eric Fesselmeyer
JULY 2022	<i>Osaka School of International Public Policy (OSIPP)</i> Osaka University, JAPAN <i>Invitation:</i> Masako Ikefuji
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

American Association of Environmental and Resource Economists (AERE), European Association of Environmental and Resource Economists (EAERE), Austrian Economic Association (NOEG).

## REFEREING

<i>Journals</i>	Australian Journal of Agricultural and Resource Economics; Disaster Journal; Ecological Economics; Economic Inquiry; Economic Systems; Empirica; Energy Journal; 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; Journal of Common Market Studies; Journal of Environmental Economics and Management; Land Economics; Nature Cities; Nature Communications Earth & Environment; Oxford Economic Papers; PLOS Climate; Sustainable Development; The Polar Journal; Tourism Management; World Development.
<i>Conferences &amp; Grants</i>	OENB Anniversary Fund; EAERE2025-2022; NOEG2019; NOEG2013.

## PROJECTS

2025-2027	Development Finance in the Face of Climate Change Grant from the Austrian National Bank. AMOUNT: >€299,000. PI: Katja Kalkschmied and Alexander Marbler.
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

Climate Change Impacts, Urban Heat, Urbanization, International Trade in Natural Resources, Spatial Economic Analysis.

## CONFERENCES AND WORKSHOPS

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- 2024 EAERE Summer School in Resource and Environmental Economics "Data Science in Environmental Economic Research" (together with Paul Raschky).
- 2022 Environmental Protection and Sustainability Forum, Graz, Austria (together with Michael Finus, Karl Steininger, Birgit Bednar-Friedl).
- 2022 AURÖ Nachwuchsworkshop "Umwelt- und Ressourcenökonomie", Graz, Austria (together with Michael Finus, Karl Steininger, Birgit Bednar-Friedl).

## ADMINISTRATIVE TASKS

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- 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

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

## SOFTWARE SKILLS

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LaTeX, Stata, ArcGIS, R.

## PUBLICATIONS

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### *Articles:*

- Zaman, R., and Borsky, S. (2025) Solar Power Play: Uncovering political capture in distributing electricity access. *World Development*, 193 (September 2025): 107019.
- Borsky, S., Fesselmeyer, E., and Vogelsang, L. (2024) Urban heat and within-city residential sorting. *Journal of Environmental Economics and Management*, 127(2024): 1013014.
- Schirpke, U., Tasser, E., Borsky, S., ..., and Thaler, T. (2023) Past and future impacts of land-use changes on ecosystem services in Austria. *Journal of Environmental Management*, 345(2023): 118728.
- Borsky, S. and Hennighausen, H.B. (2022) Public flood risk mitigation and the homeowner's insurance demand response, *Land Economics*, 98 (4): 537-559 (Lead article).
- Borsky, S. and Leiter, A. (2022) International trade in rough diamonds and the Kimberley Process Certification Scheme, *World Development*, 152: 105789.
- Zaman, R. and Borsky, S. (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. (2025) Rural water availability and the growth of cities (together with Marbler, A.)
- Borsky, S. (2025) Public pools as adaptation against urban heat (together with Fesselmeyer, E.)
- Borsky, S. (2020) The role of global supply chains in the transmission of weather induced production shocks (together with Jury, M.)

*Resting Papers:*

- 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:*

- Gaube, V., S. Schneider, T. Thaler, S. Borsky, M. Kirchner, W. Loibl, B. Mehdi-Schulz, U. Schirpke, and M. Zuvela-Aloise (2024) Kapitel 3. Sozioökonomische und klimatische Treiber der Änderung der Landnutzung in Österreich. In: Springer Berlin Heidelberg (Hg.): APCC Special Report: Landnutzung und Klimawandel in Österreich. Heidelberg. Springer Berlin Heidelberg. 163–216. doi:10.1007/978-3-662-67864-0\_5.
- Kuik, O., Botzen, W., Tesselaar, M., Ignjacevic, P., Bednar-Fiedl, 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., Bezhanishvili, 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

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- 2022 | MERE Research Seminar, SDU Denmark; 6<sup>th</sup> CEnSE Urban and Regional Economics Workshop, Sweden; 17th EU-REAL Meeting, Poland; Wittgenstein Centre Conference 2022, Austria.
- 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>Oral talks</i>	<p><i>Umwelt und Handel: Spannungsfelder zwischen Außenhandel, Klimawandel sowie Umwelt- und Artenschutz</i>, 36. Außenwirtschafts-Vorlesung, Ministry of Digital and Economic Affairs, April 2024.</p> <p><i>Klimawandel - Ungleichheit, Auswirkungen und Anpassung</i>, BG/BRG/MG Dreihackengasse Graz, October 2023.</p> <p><i>Urbane Hitze - Auswirkungen und Anpassung</i>, SMZ Stadtteilzentrum Jakomini, Graz, July 2023.</p> <p><i>Nationale CO<sub>2</sub>-Bepreisung: Hintergründe und Auswirkungen</i>, ÖKOPROFIT, Amt der Vorarlberger Landesregierung, March 2022.</p> <p><i>Die Auswirkungen des European Green Deal auf die Außenwirtschaft</i>, Seminar des Außenwirtschaftscurriculum 2021/2022, Ministry of Digital and Economic Affairs, December 2021.</p> <p><i>The role of global supply chains in the transmission of weather induced production shocks</i>, 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.</p> <p><i>CO<sub>2</sub> als internationaler Wettbewerbsfaktor?</i>, ÖKOPROFIT, Amt der Vorarlberger Landesregierung, December 2020.</p> <p><i>Internationaler Handel, Klimapolitik und Carbon Leakage</i>, 35. Außenwirtschafts-Vorlesung, Ministry of Digital and Economic Affairs, June 2020.</p> <p><i>Wirtschaft, Umwelt und Nachhaltigkeit</i>, Seminar des Außenwirtschaftscurriculum 2019/2020, Ministry of Digital and Economic Affairs, September 2019.</p> <p><i>The benefits of the protection forest in Tyrol</i>, Tiroler Bildungsinstitut, March 2009.</p> <p><i>The benefits of the protection forest in Tyrol</i>, Landhaus/Innsbruck, February 2009.</p> <p><i>The value of the protective function of forests in Tyrol</i>, Radio Tirol, 12.02.2009.</p>
<i>Written Communication</i>	<p>Borsky, S., Hennighausen, H.B., Leiter-Scheiring, A. und Williges, K. (2021) Kann das Virus-Risiko durch Wildtierhandel reguliert werden? <i>Der ökonomische Blick – die Presse</i> (22/05/2021.)</p> <p>Borsky, S. (2020) Internationaler Handel, Klimapolitik und Carbon Leakage, <i>FIW Policy Brief</i> <b>45</b>, May 2020.</p> <p>Borsky, S und Leiter, A (2019). Wem nützen Umweltschutz-klauseln in Freihandelsabkommen. <i>Der ökonomische Blick – die Presse</i> (11/11/2019).</p> <p>Borsky, S. (2016) Brexit – An exit for a common international environmental policy? <i>Mereconomics Blog</i> (June 2016).</p> <p>Borsky, S. (2016) Unilateral trade measures to tackle Illegal, Unreported and Unregulated fishing – A panacea or just another hopeless effort. <i>Mereconomics Blog</i> (March 2016).</p>

## TEACHING & SUPERVISION

### SUPERVISION:

<i>Master Thesis:</i>	Anja Rammer (current), Vanessa Petschk (current), 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' Angiolella (2015), Shahriar Shahheydari (2014), Tim Weinert (2014), Pia Thorsager (2014), Siim Meliste (2012).
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### RECENTLY TEACHING:

<i>Year</i>	<i>Subject</i>	<i>Institution</i>	<i>Type</i>	<i>Level</i>
2025	Environmental Economics	University of Graz	Lecture	Grad.
	Introduction to Economics	University of Graz	Lecture	Grad.
	Spatial Analysis	University of Graz	Lecture	Grad.
	IP Food Security in a Changing Climate	University of Graz	Lecture	Grad.
	IP Arts and Climate Change	University of Graz	Lecture	Grad.
	Applied Econometrics	University of Graz	Lecture	Ugrad. & Grad.
	Seminar in Environmental Economics	University of Graz	Seminar	Ugrad.
2024	Environmental Economics	University of Graz	Lecture	Grad.
	Introduction to Economics	University of Graz	Lecture	Grad.
	Spatial Analysis	University of Graz	Lecture	Grad.
	IP Food Security in a Changing Climate	University of Graz	Lecture	Grad.
	Applied Econometrics	University of Graz	Lecture	Ugrad. & Grad.
	Seminar in Environmental Economics	University of Graz	Seminar	Ugrad.
2023	Environmental Economics	University of Graz	Lecture	Grad.
	Introduction to Economics	University of Graz	Lecture	Grad.
	Spatial Analysis	University of Graz	Lecture	Grad.
	IP Food Security in a Changing Climate	University of Graz	Lecture	Grad.
	Applied Econometrics	University of Graz	Lecture	Ugrad.
	Seminar in Environmental Economics	University of Graz	Seminar	Ugrad.
2012-	Environmental Economics	Univ. of Southern Denmark	Lecture	Grad.
2015	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

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Professor Charles F. Mason  
Department of Economics and Finance  
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