

CURRICULUM VITAE

Dr. Thomas Schinko

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Born: 14th of August 1985 in Linz, Austria

Nationality: Austria



Education

2015	Dr.rer.soc.oec.
2010 – 2015	PhD programme in Economics, University of Graz, Austria.
2010	Mag.rer.soc.oec.
2008 – 2010	Master programme in Environmental System Sciences with major in Economics, University of Graz, Austria.
2008	Bakk.rer.nat.
2004 – 2008	Bachelor programme in Environmental System Sciences with major in Economics, University of Graz, Austria.

Practical Training, Experience

2014 – current	International Institute for Applied Systems Analysis (IIASA), Risk and Resilience (RISK) program
2012 – current	Lecturer at the University of Graz: Interdisciplinary Practical Trainings and courses on Applications and Quantitative Methods in Environmental Economics
2009 – 2017	University of Graz, Wegener Center for Climate and Global Change. Economics of Climate and Environmental Change Research Group, Scientist
2008	Joanneum Research, Institute of Technology and Regional Policy and Institute of Energy Research, Graz, Researcher

Research stays

2014	IIASA Young Scientists Summer Program (YSSP), June 1- August 31, 2014. International Institute for Applied Systems Analysis. Laxenburg, Austria.
2011	7th Ruhr Graduate Summer School in Economics. Overlapping Regulation in Energy and Climate Policy with GAMS and MPSGE. March 28 - April 1, 2011. University of Duisburg-Essen, Germany.
2010	EAERE-FEEM-VUI Summer School in Resource and Environmental Economics on Climate Change Negotiations. Venice, Italy
2008-2009	ERASMUS student at the University of Uppsala, Sweden and the Swedish Agricultural University.
2007	Interdisciplinary Summer School " Future of Energy Systems in Austria and Czech Republic", Prague, Czech Republic.

Conference and Workshop Participation

2017	6 th Lindau Meeting on Economic Sciences, August 22-26, Lindau, Germany.
2017	12 th conference of the European Society For Ecological Economics, June 20-23, Budapest, Hungary.
2016	22 nd Annual Conference of the European Association of Environmental and Resource Economists, June 22-25, Zurich, Switzerland.
2016	Adaptation Futures, May 10-13, Rotterdam, the Netherlands.
2016	17. Österreichischer Klimatag, April 6-8, Graz, Austria.
2015	“Our Common Future Under Climate Change” conference, July 7-10, Paris, France.
2015	16. Österreichischer Klimatag, April 28-30, Vienna, Austria.
2014	15. Österreichischer Klimatag, April 03-04, Innsbruck, Austria.
2013	Workshop on multi-disciplinary perspectives on climate ethics, September 26-27, Como, Italy.
2013	EcoMod Conference 2013, July 1-3, Prague, Czech Republic.
2013	20 th Annual Conference of the European Association of Environmental and Resource Economists, June 26-29, Toulouse, France.
2012	12 th IAEE European Energy Conference: Energy challenge and environmental sustainability. September 9-12, Venice, Italy.
2012	15 th Annual Conference on Global Economic Analysis: New Challenges for Global Trade and Sustainable Development. June 27-29, Geneva, Switzerland.
2011	NOeG 2011 – Annual Meeting of the Austrian Economic Association, June 3-4, 2011, Graz, Austria.

Awards

2016	Climate Change Center Austria (CCCA) Young Scientist Award 2016
2015	Award for best thesis in the academic year 2014/15 at the institute of economics at the University of Graz
2014	IIASA Peccei and Mikhalevich Awards 2014: Honorable mention
2011	Outstanding master’s thesis in environmental systems sciences at the University of Graz award

Research Interests

Economics of climate change, climate change adaptation and climate risk management
Risk (perceptions) associated with climate and energy policies
Qualitative and quantitative socio-economic methods

Languages

German	native language
English	business fluent
Italian	basic skills (written, oral)
Swedish	basic skills (written, oral)

Computer literacy

MS Office (Word, Excel, Powerpoint)	very good skills
GAMS, MPSGE	very good skills
MATLAB	good skills
VENSIM	good skills
NETLOGO	good skills
SPSS	good skills
STATA	basic skills

Additional skills

IFS, Institute for Students' Courses, Graz:	Communication training
UNI for LIFE, Graz:	higher education didactics

Publications

Schinko, T. & Mechler, R. (2017). Applying Recent Insights From Climate Risk Management to Operationalize the Loss and Damage Mechanism. *Ecological Economics* 136: 296-298. doi:10.1016/j.ecolecon.2017.02.008.

Nabernegg, S., Bednar-Friedl, B., Wagner, F., Schinko, T., Cofala, J., Clement, Y.M. (2017). The Deployment of Low Carbon Technologies in Energy Intensive Industries: A Macroeconomic Analysis for Europe, China and India. *Energies* 10 (3): p. 360. doi:10.3390/en10030360.

Schinko, T., Bachner, G., Schleicher, S., Steininger, K.W. (2017). Modeling for insights not numbers: The long-term low-carbon transformation. *Atmosfera* 30 (1): 137-161. doi:10.20937/ATM.2017.30.02.05.

Mechler, R., T. Schinko (2016). Identifying the policy space for climate loss and damage. *Science* 354(6310), 290-292. doi: 10.1126/science.aag2514

Schinko, T., N. Komendantova (2016). De-risking Investment into Concentrated Solar Power in North Africa: Impacts on the Costs of Electricity Generation Renewable Energy. *Renewable Energy* 92:262-292. doi:10.1016/j.renene.2016.02.009

Schinko, T., R. Mechler, S. Hochrainer-Stigler (2016). Developing a methodological framework for operationalizing Iterative Climate Risk Management based on insights from the case of Austria. *Mitigation and Adaptation Strategies for Global Change*. doi:10.1007/s11027-016-9713-0

Steininger, K.W., C. Lininger, L.H. Meyer, P. Munoz, T. Schinko (2016). Multiple carbon accounting to support just and effective climate policies. *Nature Climate Change* 6, 35-41. (Published online 23 November 2015). doi:10.1038/nclimate2867

Steininger, K.W., T. Schinko (2016). Environmental policy in an open Economy: refocusing climate policy to address international trade spillovers. In: Dynamic Approaches to Global Economic Challenges, B Bednar-Friedl and J Kleinert (Eds), Springer International Publishing, Cham, Switzerland pp.171-190. doi:10.1007/978-3-319-23324-6_11

Schinko, T. (2015). Governance of risks in financing concentrated solar power investments in North Africa. IIASA Interim Report IR-15-002. Available at: http://www.iiasa.ac.at/publication/more_IR-15-002.php

Köberl, J., Pretenthaler, F., Nabernegg, S.P., Schinko, T. (2014). Tourism. In: Steininger, K., König, M., Bednar-Friedl, B., Kranzl, L., Pretenthaler, F. (ed.) (Hg.): Economic Evaluation of Climate Change Impacts: Development of a Cross-Sectoral Framework and Results for Austria. Berlin. Springer. 2014. 367 - 390.

Schinko, T., B. Bednar-Friedl, K. Steininger, W.D. Grossmann (2013). Switching to carbon free production processes: implications for carbon leakage and border carbon adjustment. *Energy Policy* 67, 818-831. doi: <http://dx.doi.org/10.1016/j.enpol.2013.11.077>

Schinko, T., Köberl, J., Bednar-Friedl, B., Pretenthaler, F., Töglhofer, C., Heinrich, G., Gobiet, A. (2013). Climate Change and the Austrian Tourism Sector: Impacts, Adaptation and Macroeconomic Spillover Effects. Graz Economic Papers 2014-10.

Bednar-Friedl, B., T. Schinko, K. Steininger (2012). The relevance of process emissions for carbon leakage: A comparison of unilateral climate policy options with and without border carbon adjustment. *Energy Economics* 34 (Suppl. 2), 168-180. doi: <http://dx.doi.org/10.1016/j.eneco.2012.08.038>

Bednar-Friedl, B., V. Kulmer, T. Schinko (2012). The effectiveness of anti-leakage policies in the European Union: results for Austria. *EMPIRICA* 39, 233-260. doi:10.1007/s10663-012-9186-7

Bednar-Friedl, B., V. Kulmer, T. Schinko (2011). ETCLIP – The Challenge of the European Carbon Market: Emission Trading, Carbon Leakage and Instruments to Stabilise the CO₂ Price. Effects of Different EU Climate Policy Scenarios on International Trade and Carbon Leakage. WIFO Monographie 8/2011. Available at: [http://www.wifo.ac.at/www/downloadController/displayDbDoc.htm?item=S_2011_ETCLIP_POLICYSCENARIOS_43107\\$.PDF](http://www.wifo.ac.at/www/downloadController/displayDbDoc.htm?item=S_2011_ETCLIP_POLICYSCENARIOS_43107$.PDF)

Kettner, C., D. Kletzan-Slamanig, A. Köppl, T. Schinko, A. Türk (2011). ETCLIP – The Challenge of the European Carbon Market: Emission Trading, Carbon Leakage and Instruments to Stabilise the CO₂ Price. Price Volatility in Carbon Markets: Why it Matters and How it Can be Managed. WIFO Working Papers, 409/2011. Available at: [http://www.wifo.ac.at/www/downloadController/displayDbDoc.htm?item=WP_2011_409\\$.PDF](http://www.wifo.ac.at/www/downloadController/displayDbDoc.htm?item=WP_2011_409$.PDF)

Bednar-Friedl, B., V. Kulmer, T. Schinko (2011). The Responsiveness of Austria's production and consumption based carbon accounts to different climate policy scenarios. NOeG 2011 – Annual Meeting of the Austrian Economic Association, June 3-4, 2011, Graz, Austria.

Trink, T., C. Schmid, T. Schinko, K.W. Steininger, T. Loibnegger, C. Kettner, A. Pack, C. Töglhofer (2010). Regional economic impacts of biomass based energy service use: A comparison across crops and technologies for East Styria, Austria. *Energy Policy* 38(10), 5912-5926. doi: <http://dx.doi.org/10.1016/j.enpol.2010.05.045>

Schinko, T. (2010). A CGE Analysis of the Copenhagen Accord from the perspective of less developed countries. EAERE-FEEM-VUI Summer School in Resource and Environmental Economics on Climate Change Negotiations. Venice, Italy, June 2010.

Bednar-Friedl, B., P. Muñoz Jaramillo, T. Schinko and K. Steininger (2010). The Carbon Content of Austrian Trade Flows in the European and International Trade Context. FIW Research Report II N° 05 / Trade, Energy and Environment. Available at: <http://www.fiw.ac.at/index.php?id=480&L=3>

Prettenthaler, F., T. Schinko, N. Palan and A. Kirchengast (2010). Regionale Zukunftsperspektiven für Rauris & Flattach. In Auer, I., F. Prettenthaler, R. Böhm and H. Proske (eds.), Zwei Alpentäler im Klimawandel. Alpine space – man & environment vol.11. Innsbruck university press.

Steininger, K., S. Schleicher, B. Gebetsroither, T. Schinko, A. Tuerk (2009). Klimaschutzplan Steiermark, Teilbericht 1: Emissionen, Sektorale Zurechnung und EU 2020 Ziele.

Spitzer, J., F. Prettenthaler, D. Steiner, T. Schinko and A. Jagl (2009). Impuls: Energie 2025 – Handlungsplan für die Energie- und Klimapolitik der Steiermark. Impuls Styria, Joanneum Research Institute of Technology and Regional Policy and Institute of Energy Research. Graz.

Prettenthaler, F. and T. Schinko (2007). European Scenarios. In Prettenthaler, F. and E. Kirschner (eds.), Zukunftsszenarien für den Verdichtungsraum Graz-Maribor (LebMur), Teil B: Rahmenbedingungen & Methoden. Verlag der Österreichischen Akademie der Wissenschaft. Wien.

Laxenburg, September 2017