

# Mark Wolfgang Sommer

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## WORK EXPERIENCE

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### Economist

*Austrian Institute for Economic Research* [ 04/2017 – Current ]

Address: Vienna (Austria)

- Research in the field of environmental and energy economics
- Energy and emission scenarios
- economic modelling

### Research assistant

*Austrian Institute of Economic Research* [ 05/2012 – 03/2017 ]

Address: Vienna (Austria)

### Research assistant

*Wegener Center for Climate and Global Change* [ 04/2010 – 12/2011 ]

Address: Graz (Austria)

## EDUCATION AND TRAINING

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### Doctoral program in Social and Economic Sciences

*Technical University of Vienna* [ 14/03/2016 – 17/12/2020 ]

Address: Vienna (Austria)

Level in EQF: EQF level 8

### Master's program in Environmental Systems Sciences - Field of focus: economics

*University of Graz* [ 04/2004 – 01/2013 ]

Address: Graz (Austria)

Level in EQF: EQF level 7

### Higher School Certificate

*Higher Technical School - Dept. for IT and Organisation* [ 09/1998 – 07/2003 ]

Address: Pinkafeld (Austria)

Level in EQF: EQF level 4

## LANGUAGE SKILLS

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Mother tongue(s):

**German**

Other language(s):

**English**

**LISTENING C1 READING C1 WRITING C1**

**SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2**

**Russian**

**LISTENING A2 READING A1 WRITING A2**

**SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1**

## PUBLICATIONS

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### Publications

#### Journal Publications

SOMMER, M., KRATENA, K., Consumption and production-based CO2 pricing policies: macroeconomic trade-offs and carbon leakage *Economic Systems Research*, 2019, <https://doi.org/10.1080/09535314.2019.1612736>

KIRCHNER, M., SOMMER, M., KRATENA, K., KLETZAN-SLAMANIG, D., KETTNER-MARX, C., CO2 taxes, equity and the double dividend – Macroeconomic model simulations for Austria, in *Energy Policy*, Volume 126, 2019, Pages 295-314, <https://doi.org/10.1016/j.enpol.2018.11.030>

SOMMER, M.W., KRATENA, K. (WIFO), The Carbon Footprint of European Households and Income Distribution, accepted at *Ecological Economics*, Volume 136, 2017, Pages 62-72, <https://doi.org/10.1016/j.ecolecon.2016.12.008>

MEYER, I., SOMMER, M.W. (WIFO), Employment effects of renewable energy deployment: a review, *International Journal of Sustainable Development*, 2015

KRATENA, K., MEYER, I., SOMMER, M.W.(WIFO) , Long-term Climate Mitigation and Energy Use in Austria – The Impact of Carbon and Energy Prices, in: Larry Kreiser, Mikael S. Andersen, Birgitte E. Olsen, Stefan Speck, Janet E. Milne, Hope Ashiabor (editor), *Carbon Pricing: Design, Experiences and Issues Critical Issues in Environmental Taxation Series*, 2015, (15), S.127-140

#### Other Publications:

KRENEK, A., SCHRATZENSTALLER, M., SOMMER, M., A WTO-compatible Border Tax Adjustment for the ETS to Finance the EU Budget. WIFO Working Papers, 2020, (596)

SINABELL, F., SOMMER, M., STREIHCER, G. Effects of the COVID-19 Related Economic Downturn on Greenhouse Gas Emissions in Austria. WIFO Working Papers, 2020, (605)

KRENEK, A., SOMMER, M., SCHRATZENSTALLER, M. Sustainability-oriented Future EU Funding. A European Border Carbon Adjustment. FairTax Working Paper Series, 2018, (15), 30 Seiten, <http://umu.diva-portal.org/smash/get/diva2:1178081/FULLTEXT01.pdf>

KOEPL, A., SOMMER, M.W. (WIFO), Lenkungswirkung von Energiesteuern. Kurzfristige Elastizitäten für die Abschätzung der Anrechenbarkeit strategischer Maßnahmen im Energieeffizienzgesetz, Project report, June 2016

SCHOENFELDER, S., SOMMER, M.W., FALK, R., KRATENA, K.,(WIFO), MOLITOR, R., CLEES, L., KIGILCIM, B., KOCH, H., LEMBKE, S., OBERMAYER, C., SCHROEGENAUER, R. (komobile), COSTS – Leistbarkeit von Mobilität in Österreich, *WIFO Project report*, April 2016

KRATENA, K., SOMMER, M.W. (WIFO), Model Simulations of Resource Use Scenarios for Europe, *WWWforEurope Deliverable No. 5*, September 2014

## **CONFERENCES AND SEMINARS**

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### **Conferences**

IEW 2014 - International Energy Workshop (Paper presentation), Beijing, China

GCET 2016 - 17th Global Conference on Environmental Taxation (Paper presentations), Groningen, The Netherlands

IEWT 2017 - 10. Internationale Energiewirtschaftstagung (Paper presentation), Vienna, Austria

Input-Output-Workshop Spezial 2017 (Paper presentation), Osnabrück, Germany

11th FIW Research Conference, 2018 (Paper presentation), Vienna, Austria

## **JOB-RELATED SKILLS**

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### **Job-related skills**

Summer School participation : "EconMod" - Energy and Environmental CGE Modeling with GAMS, Prague, 2016

Basic Training Course on VEDA-TIMES, at IEA-ETSAP (International Energy Agency - Energy Technology Systems Analysis Program), Turin, 2017

### **Software**

C/C++; Java (Basic)

GAMS; EViews; R; Python (Advanced)