

Curriculum Vitae of Helmut Rechberger

Vital statistics

Born February 21 1968 in Linz, Austria

Married to Heide Müller-Rechberger, Dipl.-Ing.



Education and Professional Career

- III. 2020 – Head of the Institute for Water Quality and Resource Management at *Technische Universität Wien*
- X. 2015 – Member of the Senat of *Technische Universität Wien* and Vice Director of the Institute for Water Quality and Resource Management
- III. 2010 – Head of Research Group Waste and Resource Management at *Technische Universität Wien*
- I. 2008 – XII. 20015 Vice Dean of Studying Affairs, Faculty of Civil Engineering, *Technische Universität Wien*
- X. 2003 – Full Professor for Resource Management, *Technische Universität Wien*
- X. 2001 – VII. 2003 Senior lecturer at ETH Zurich, Chair of Resource and Waste Management (Prof. Peter Baccini)
- X. 2000 – IX. 2001 Visiting Researcher in Industrial Ecology (Post-Doc.), Yale University, School of Forestry & Environmental Studies, Center for Industrial Ecology (Prof. Tom Graedel), Scholarship of the Max Kade Foundation, Inc. New York
- 1997 - 1999 Doctoral student, *Technische Universität Wien*, Institute for Water Quality and Waste Management, Prof. Paul H. Brunner and Prof. Gerhard Vogel (advisors)
- IX. 1994 - IX. 2000 Research assistant (Univ.-Ass.), *Technische Universität Wien*, Institute for Water Quality and Waste Management
- 1986 - 1994 Masters student, Process engineering, *Technische Universität Wien*, Institute of Chemical Engineering, Fuel- and Environmental Technology

Functions

- 2004 – 2015* Member of the Scientific Advisory Board for Waste Management of the Austrian Federal Minister for the Environment (BMLFWU) *The board ceased in 2015.
- 2004 – 2016 Member of the Steering Committee of the Austrian Institute of Sustainability
- 2005 – Member of the Scientific Advisory Board of the Austrian Water and Waste Management Journal (published by Springer)
- 2005 – Speaker and Coordinator of the Center for Sustainable Technology of TU Vienna (www.tuwien.ac.at/cst)
- 2006 – 2018 Vice President of ISWA Austria (International Solid Waste Association)
- 2007 – Chair of the Working Group on „Thermal Waste Treatment and Recovery“ of the Austrian Water and Waste Management Association
- 2012 – Scientific expert in the Raw Materials Alliance of the Federal Ministry for Economy, Family and Youth
- 2014 – Head of the advisory board of the *Verein für Entsorgungsfachbetriebe*
- 2015 – Member of the Editorial Board of *Recycling* (www.mdpi.com/journal/recycling)
- 2015 – Member of the Editorial Board of *Resources, Conservation and Recycling*

(www.journals.elsevier.com/resources-conservation-and-recycling/editorial-board/)

- 2017 – Member of the Editorial Board of the *Journal of Industrial Ecology* ([http://onlinelibrary.wiley.com/journal/10.1111/\(ISSN\)1530-9290](http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1530-9290))
- 2017 – 2019 Member of the Section Editorial Board of the *International Journal of Environmental Research and Public Health*, section Environmental Engineering and Public Health (http://www.mdpi.com/journal/ijerph/sections/environment_engineering)

Brief description

Helmut Rechberger is a full professor for Resource Management at *Technische Universität Wien*. His research interests are: further development of evaluation methods and concepts in waste and resource management including statistical entropy; introduction of mathematical-statistical tools to Material Flow Analysis to consider data uncertainty; resource accounting; recovery of valuable substances from ashes and slag; waste characterization; investigation on morphological and chemical composition of urban stocks including dynamics. Under his lead the softwares BIOMA (efficient greenhouse gas accounting from waste incineration; <http://iwr.tuwien.ac.at/ressourcen/downloads/bioma.html>) and STAN (world-wide used for MFA studies; www.stan2web.net) have been developed. He is a faculty member of the “FWF Doctoral Programme on Water Resource Systems” (<http://www.waterresources.at/>).

Rechberger is the co-author of the *Practical Handbook of Material Flow Analysis*, several book chapters and more than 100 SCI publications. His h-indexes are 27 (Scopus), 32 (RG) and 35 (Google Scholar), his RG score (Research Gate) is 37.27 (Top 5%).

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