

Francis Dennig

Yale-NUS College
12 College Ave West, #01-201
Singapore 138610

Phone: (0065) 6601-5280

Email: fdennig@yale-nus.edu.sg

Born: 20 February, 1984—Graz, Austria
Nationality: Austria

Current position

since 2015 *Assistant Professor*, Yale-NUS College, Singapore

Research interests

Climate change; Inequality; Intergenerational dynamics; Education.

Past positions

2013-2015 *Postdoctoral research associate*, Princeton University
2012 *Visiting researcher*, Institute for Global Change Studies, TsingHua University, Beijing
2012 *Delegate for Paraguay*, COP18 Doha, Qatar
2012 *Dissertation Fellow* Inter-American Development Bank, Washington, D.C
2011 *Research Assistant* Natural Resource Charter, London
2010 *Policy Analyst* Vivid Economics, London

Education

2009-2013 D.PHIL in Economics, *On the welfare economics of climate change*, University of Oxford
2007-2009 M.PHIL in Economics (with distinction), University of Oxford
2004-2007 B.Sc in Mathematics, ETH Zürich

Awards

2009-2012 Doctoral Fellowship, Economics and Social Research Council, UK
2009 Doctoral Studentship Scheme, Economics Department, University of Oxford

Research

JOURNAL ARTICLES

Dennig, F., Budolfson, M. B., Fleurbaey, M., Siebert, A., and Socolow, R. H. (2015), “Inequality, climate impacts on the future poor, and carbon prices”, *Proceedings of the National Academy of Sciences*, 112(52), 15827-15832.

Budolfson, M. B., Dennig, F., Fleurbaey, M., Scovronick, N., Siebert, A., Spears, D., and Wagner, F. “Optimal climate policy and the future of world economic development”, forthcoming in *World Bank Economic Review*

Dennig, F., “Climate change and the re-evaluation of cost-benefit analysis”, forthcoming in *Climatic Change*

WORKING PAPERS

Impact of population growth and population ethics on climate mitigation policy
conditionally accepted at Proceedings of the National Academy of Sciences with Mark Budolfson, Marc Fleurbaey, Noah Scovronick, Asher Siebert, Robert H. Socolow, Dean Spears, and Fabian Wagner

Intergenerational aspirations, capital dilution, and the dynamics of inequality
under review with Bassel Tarbush

The comparative importance for optimal climate policy of discounting, inequalities, and catastrophes *under review* with Mark Budolfson, Marc Fleurbaey, Asher Siebert, and Robert H. Socolow

Optimal global climate policy and regional carbon prices
under review with Mark Budolfson

Risk, inequality, and climate change
under review with Joshua Bernstein, Maddalena Ferranna, Marc Fleurbaey

The climate debt deal: an intergenerational bargain
with Niko Jaakkola and David von Below

A note on optima with Negishi weights
with Johannes Emmerling

Contributing to public goods: the role of history, reciprocity, social norms and expected efficiency with Valentina Bosetti, Massimo Tavoni, and Elke U. Weber

Teaching

YALE-NUS COLLEGE

2015-2017 Introduction to game theory
2016-2017 Public economics
2016-2017 Quantitative reasoning
2017 Intermediate microeconomics

PRINCETON UNIVERSITY

2014 Welfare, economics, and climate change

Service to the profession

PEER REVIEWING

Social choice and welfare
Nature climate change
The energy journal
Journal of the association of environmental and resource economists
Journal of mathematical economics
Environmental and resource economics
Macroeconomic dynamics
Journal of environmental economics and management

Skills

PROGRAMMING

Matlab, R, Julia, Python, JavaScript, d3.js

LANGUAGES

English, German, Spanish, French – Fluent
Chinese – Conversational