

## Klaus Keller

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### EDUCATION

Princeton University: Ph.D. in Civil and Environmental Engineering, 2000.  
Princeton University: M.A. in Civil Engineering and Operations Research, 1998.  
Technische Universität Berlin: Diplom Ingenieur (Engineer's Degree) in Environmental Engineering, 1995.  
Massachusetts Institute of Technology: M.S. in Civil and Environmental Engineering, 1994.  
Technische Universität Berlin: Vordiplom in Environmental Engineering, 1991.

### PROFESSIONAL EXPERIENCE

Professor of Geosciences, Penn State, 2015 – present.  
Associate Professor of Geosciences, Penn State, July 2008 – 2015.  
Adjunct Professor of Engineering and Public Policy, Carnegie Mellon University, March 2014 – present  
Director of the Sustainable Climate Risk Management Research Network, October 2012 – present.  
Visiting Professor, Macquarie University, July 2009 – December 2009.  
Assistant Professor of Geosciences, Penn State, January 2002 – June 2008.  
Research scientist, Princeton, July 2001 - December 2001.  
Lecturer, Princeton, spring term, 2001.  
Postdoctoral research associate, Princeton, July 2000 - July 2001.  
Engineer, Gesellschaft für Umwelttechnik, Berlin, 1995.

### SELECTED PUBLICATIONS (95 PEER REVIEWED, GOOGLE H-INDEX = 31, <http://goo.gl/EFkukx>)

Adler, M., D. Anthoff, V. Bosetti, G. Garner, K. Keller, and N. Treich: Priority for the Worse Off and the Social Cost of Carbon. *Nature Climate Change* (2017) <https://doi.org/10.1038/nclimate3302>

Diaz, D., and K. Keller: A Potential Disintegration of the West Antarctic Ice Sheet: Implications for Economic Analyses of Climate Policy. *American Economic Review*, 106(5): 607-11. DOI: 10.1257/aer.p20161103 (2016).

Garner, G., P. Reed, and K. Keller: Climate risk management requires explicit representation of societal trade-offs. *Climatic Change Letters*, doi:10.1007/s10584-016-1607-3 (2016).

Budescu, D. V., S. Broomell, R. J. Lempert, and K. Keller: Aided and unaided decisions with imprecise probabilities in the domain of losses. *European Journal of Decision Processes*, DOI 10.1007/s40070-013-0023-4 (2014).

Clarke, L., et al. (contributing author K. Keller): Assessing transformation pathways. Chapter six in the Intergovernmental Panel on Climate Change (IPCC) Fifth Assessment Report, Working group III: Mitigation of Climate Change. Cambridge University Press (2014).

Hall, J., R. J. Lempert, K. Keller, A. Hackbarth, C. Mijere, and D. J. McInerney: Robust climate policies under uncertainty: A comparison of Robust Decision-Making and Info-Gap methods, *Risk Analysis*, 32, 1657-1672 (2012).

Olson, R., R. Srivier, M. Goes, N. M. Urban, H. D. Matthews, M. Haran and K. Keller: A climate sensitivity estimate using Bayesian fusion of instrumental observations and an Earth System model, *Journal of Geophysical Research, Atmosphere* 117, D04103, doi:10.1029/2011JD016620 (2012).

Irvine, P., Srivier, R. and Keller, K.: Tension between the objectives to reduce sea-level rise and rates of temperature change through solar radiation management, *Nature Climate Change*, 2, 97–100, (2012).

Keller, K., B. M. Bolker, and D. F. Bradford: Uncertain climate thresholds and economic optimal growth. *Journal of Environmental Economics and Management*, 48, 723-741 (2004).

### SELECTED SYNERGISTIC ACTIVITIES

Founding Director of the Penn State Center for Climate Risk Management.  
Contributing Author for the Fourth and Fifth IPCC Assessment Report.