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 Technischer Umweltschutz, 1995
Massachusetts Institute of Technology: M.S. in Civil and Environmental Engineering, 1994
Technische Universität Berlin: Vordiplom Technischer Umweltschutz, 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, 2014 – 2018
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 (122 PEER REVIEWED, GOOGLE H-INDEX = 40, http://goo.gl/EFkukx)

Coronese, M., M. F. Lamperti, K. Keller, F. Chiaromonte, and A. Roventini: Evidence of sharp increase in economic impacts of natural disasters. *Proceedings of the National Academies of Sciences*, https://doi.org/10.1073/pnas.1907826116 (2019).

Lamontagne, J.R., P. M. Reed, G. Marangoni, K. Keller, and G. G, Garner: Robust pathways to tolerable climate futures require immediate global action. *Nature Climate Change*, *https://doi.org/10.1038/s41558-019-0426-8* (2019).

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*, https://doi.org/10.1038/nclimate3298 (2017)

Diaz, D., and K. Keller: A Potential Disintegration of the West Antarctic Ice Sheet: Implications for Economic Analyses of Climate Policy. *American Economic Review*, https://www.aeaweb.org/articles?id=10.1257/aer.p20161103 (2016)

Olson, R., R. Sriver, 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*, http://dx.doi.org/10.1029/2011JD016620 (2012)

Irvine, P., Sriver, R. and K. Keller: Tension between the objectives to reduce sea-level rise and rates of temperature change through solar radiation management, *Nature Climate Change*, http://dx.doi.org/10.1038/nclimate1351, (2012)

Keller, K., B. M. Bolker, and D. F. Bradford: Uncertain climate thresholds and economic optimal growth. *Journal of Environmental Economics and Management*, http://dx.doi.org/10.1016/j.jeem.2003.10.003 (2004)

SELECTED SYNERGISTIC ACTIVITIES AND HONORS

Founding Director of the Penn State Center for Climate Risk Management

Contributing Author for the Fourth and Fifth IPCC Assessment Reports. The IPCC was awarded half of the 2007 Nobel Peace Prize.

Recipient of the (i) 2019 Penn State Outstanding Postdoc Mentor Award, (ii) the 2019 Paul F. Roberson Award for Research Breakthrough of the Penn State College of Earth and Mineral Sciences for outstanding teaching and research, and the (iii) E. Willard and Ruby S. Miller Faculty Fellowship of the Penn State College of Earth and Mineral Sciences for "faculty of exceptional creativity"