

Klaus Keller

Thayer School of Engineering
Dartmouth College
Hanover, NH, 03755

Phone: +1 (603) 646-3481
Email: Klaus.Keller@Dartmouth.edu
Webpage: <https://klauskeller.github.io>

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

Hodgson Distinguished Professor of Engineering, Thayer School of Engineering at Dartmouth, 2022 - current
Professor of Geosciences, Penn State, 2015 – 2021
Visiting Professor, Thayer School of Engineering, Dartmouth College, 2021
Associate Professor of Geosciences, Penn State, July 2008 – 2015
Visiting scientist at the Potsdam Institute for Climate Impact Research (Germany), summer 2017
Adjunct Professor of Engineering and Public Policy, Carnegie Mellon University, 2014 – 2018
Visiting Professor, Macquarie University (Australia), 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 ([GOOGLE H-INDEX](#) = 55)

Erickson, F. C., K. Keller, W. D. Collins, Srikrishnan, V, and D. Anthoff: [Equity is more important for the social cost of methane than climate uncertainty](#). *Nature*, 592, 564–570 (2021)
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* (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* (2019)
Diaz, D., and K. Keller: [A Potential Disintegration of the West Antarctic Ice Sheet: Implications for Economic Analyses of Climate Policy](#). *American Economic Review* (2016)
Oppenheimer, M., et al. (contributing author K. Keller): [Emergent Risks and Key Vulnerabilities](#). Chapter in: Climate Change 2014: Impacts, Adaptation, and Vulnerability. Part A: Global and Sectoral Aspects. *Contribution of Working Group II to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change*. Cambridge University Press, 1039-1099 (2014)
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* (2012)
Keller, K., B. M. Bolker, and D. F. Bradford: [Uncertain climate thresholds and economic optimal growth](#). *Journal of Environmental Economics and Management* (2004)

SELECTED SYNERGISTIC ACTIVITIES AND HONORS

Contributing Author for the Fourth and Fifth IPCC Assessment Reports. The IPCC was awarded half of the 2007 Nobel Peace Prize.
Recipient of the 2019 Penn State Outstanding Postdoc Mentor Award, the 2019 Paul F. Roberson Award for Research Breakthrough of the Penn State College of Earth and Mineral Sciences for outstanding teaching and research, the E. Willard and Ruby S. Miller Faculty Fellowship of the Penn State College of Earth and Mineral Sciences for “faculty of exceptional creativity”, and co-recipient of the 2024 Thayer School of Engineering Outstanding Service Award.