

Karl Hausker, Ph.D.
World Resources Institute



Bio

Dr. Hausker is a Senior Fellow at the World Resources Institute’s Climate Program. He has worked for over 30 years in the fields of climate change, energy, and environment in a career that has spanned legislative and executive branches, research institutions, NGOs, and consulting. His work includes: serving as an Expert Reviewer for the IPCC Sixth Assessment Report; modeling of [climate mitigation scenarios](#) for the US; analysis of issues related to [wholesale power market design](#); and the Social Cost of Carbon. He also contributed to WRI’s initial work on [www.NewClimateEconomy](#). He has presented his work in [Congressional testimony](#) and in briefings at the National Press Club, and in [presentations](#) to leading NGOs, trade groups, research institutes, and universities.

Previously, he was a Vice President at ICF International where he led climate policy analysis and modeling projects for clients such as USAID, USEPA, the Regional Greenhouse Gas Initiative, the Western Climate Initiative, and the California Air Resources Board. He played a key role in launching USAID’s Low Emissions Asia Development program.

He served as Deputy Director at the Center for Climate Strategies and as a Principal with Hagler Bailly. Dr. Hausker lived in India all of 1999 as a Visiting Fellow at [TERI](#). His experience also includes: serving President Clinton as Deputy Assistant Administrator in EPA’s Policy Office where he represented EPA in interagency climate policy development and at COP-1; and serving as the Chief Economist for the U.S. Senate Committee on Energy and Natural Resources, where he worked on a diverse set of issues including electricity restructuring, CAFE standards, alternative fuels, western water policy, nuclear power, and energy security.

Education

- 1985 Ph.D., Public Policy, University of California, Berkeley
- 1981 Master of Public Policy, University of California, Berkeley
- 1979 B.A., Economics, Cornell University, New York

Positions Held

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|---|--------------------------------|----------------|
| World Resources Institute | Senior Fellow | 2013 – present |
| ICF International | Vice President | 2007 – 2013 |
| Center for Climate Strategies | Deputy Director | 2004 – 2006 |
| PA Consulting Group / Hagler Bailly | Principal | 2000 – 2003 |
| Tata Energy Research Institute | Senior Visiting Fellow | 1999 |
| Center for Strategic & International Studies | Senior Fellow | 1995–1998 |
| U.S. Environmental Protection Agency Office of Policy, Planning & Evaluation | Deputy Assistant Administrator | 1993–1995 |
| U.S. Senate Energy and Natural Resources Committee | Chief Economist | 1987–1992 |
| Putnam, Hayes & Bartlett | Associate | 1985–1987 |

Select Publications, Testimonies, Blogs

In Pursuit of Net-Zero: The Visionary Climate Provisions of the Inflation Reduction Act, chapter in *The Clean Energy Transition: Policies and Politics for a Zero-Carbon World* (ed., D. Fiorino) forthcoming.

A Deep Dive into the IPCC Workgroup III Mitigation Report November 10, 2023.

<<https://www.wri.org/technical-perspectives/deep-dive-ipcc-workgroup-iii-mitigation-report>>

Abandon the idea of an “optimal economic path” for climate policy, (co-authored with J. Koomey, Z. Schmidt, and D. Lashof). *WIREs Climate Change*, e850, July 2023 <<https://doi.org/10.1002/wcc.850>>

Exploring the black box: Applying macro decomposition tools for scenario comparisons (co-authored with J. Koomey, Z. Schmidt, and D. Lashof). *Environmental Modeling and Software*, vol. 155, September 2022 <<https://doi.org/10.1016/j.envsoft.2022.105426>>

6 Takeaways from the 2022 IPCC Climate Change Mitigation Report (with co-authors). April 4, 2022. www.wri.org/insights/ipcc-report-2022-mitigation-climate-change

Unpacking the US CLEAN Future Act (with co-authors). March 12, 2021. www.wri.org/insights/unpacking-us-clean-future-act

Lessons from Texas Freeze: 5 Ways to Strengthen US Energy Resilience (with J.Layke and L.Bird). February 19, 2021. www.wri.org/insights/lessons-texas-freeze-5-ways-strengthen-us-energy-resilience

Demystifying U.S. Electricity Markets and Their Role in Clean Energy Expansion (with H.Ratz and L.Bird). October 17, 2019. www.wri.org/technical-perspectives/insider-demystifying-us-electricity-markets-and-their-role-clean-energy-expansion

Guiding Implementation of Carbon Capture Tax Credits: Responses to the IRS Request for Comments (with X.Yang and K.Kennedy). October 16, 2019. www.wri.org/technical-perspectives/insider-guiding-implementation-carbon-capture-tax-credits-responses-irs-request-comments

Testimony before the U.S. House Energy and Climate Change Subcommittee. July 23, 2019. www.wri.org/publications/building-americas-clean-future-pathways-decarbonize-economy

Betting on Climate Solutions: Why We Should Spread Our Chips. University of Pennsylvania, Kleinman Center for Energy Policy, May 2019. <https://kleinmanenergy.upenn.edu/research/publications/betting-on-climate-solutions-why-we-should-spread-our-chips/>.

National Academies of Sciences, Engineering, and Medicine (reviewer). *Deployment of Deep Decarbonization Technologies: Proceedings of a Workshop*. Washington, DC: The National Academies Press, 2019. <https://doi.org/10.17226/25656>

The Flawed Analysis Behind Trump Administration's Proposed Repeal of the Clean Power Plan. October 16, 2017. www.wri.org/insights/flawed-analysis-behind-trump-administrations-proposed-repeal-clean-power-plan

The DOE Grid Reliability Study: 3 Key Questions. June 22, 2017. www.wri.org/technical-perspectives/insider-doe-grid-reliability-study-3-key-questions

Shifting to a Clean Energy Economy Would Bring Billions in Economic Benefits, Shows New Report. December 21, 2016. www.wri.org/insights/shifting-clean-energy-economy-would-bring-billions-economic-benefits-shows-new-report

From Risk to Return: Investing in a Clean Energy Economy (co-authored with T. Duane, J. Koomey, K. Belyeu and J. Carey). New York: Risky Business Project, 2016. <http://riskybusiness.org/fromrisktoreturn/>

4 Reasons Why the US Can and Should Reduce its Emissions Now. July 8, 2015. www.wri.org/insights/4-reasons-why-us-can-and-should-reduce-its-emissions-now

Road to Paris: Examining the President's International Climate Agenda and Implications for Domestic Environmental Policy. Testimony before the U.S. Senate Environment and Public Works Committee. July 8, 2015. www.wri.org/publications/road-paris-examining-presidents-international-climate-agenda-and-implications-domestic

Delivering on the US Climate Commitment: A 10 Point Plan Toward a Low-Carbon Future (co-authored with K. Meek, R. Gasper, N. Aden, and M. Obeiter). Working Paper. May 27, 2015. Washington DC: World Resources Institute. www.wri.org/publication/delivering-us-climate-commitment-10-point-plan-toward-low-carbon-future

Obama's Greenhouse Gas Target for 2025 is Ambitious—But Achievable (with K. Igusky). November 13, 2024. www.wri.org/insights/obamas-greenhouse-gas-target-2025-ambitious-achievable

Better Growth, Better Climate: The New Climate Economy Report (contributor), Global Commission on the Economy and Climate, World Resources Institute, 2014. www.newclimateeconomy.net

The Social Cost of Carbon and Competing Decision Frameworks for Climate Policy. Paper presented at the Fall Meeting of the ABA Section on the Environment, Energy, and Resources, Oct 13, 2011, Indianapolis. https://www.researchgate.net/publication/338620302_The_Competing_Decision_Frameworks_for_Climate_Policy

Vehicle Inspection & Maintenance Programs: International Experience and Best Practices. Report prepared for U.S. Agency for International Development. Washington DC: USAID, 2004. http://cleanairinitiative.org/portal/system/files/articles-59065_paper.pdf

Is the Clean Development Mechanism Dead? Chapter in *Renewable Energy Technology Development and Implications for Poverty Alleviation* (ed. R. Pachauri and G. Vasudeva), New Delhi: Tata Energy Research Institute, 2002.

Prospects of Inspection and Maintenance of Two-Wheelers in India (co-authored with Sujit Das, Rick Schmoyer, and Glen Harrison), *Journal of the Air and Waste Management Association*, 51: 1391-1400. October 2001. www.tandfonline.com/doi/pdf/10.1080/10473289.2001.10464369

India's Reappraisal of the Clean Development Mechanism, Weathervane Publication, Resources for the Future, January 11, 2001.

The Clean Development Mechanism: An Introduction, Proceedings of the International Conference on Power Plant Operation, Efficiency and Environmental Protection, New Delhi, February 8-10, 2000, pp. 21-29.

The Future of Environmental Regulation in the United States, *Journal of Environmental Studies and Policy*, 2(1): 45-58. June 1999

Proceedings of the Indo-U.S. Business Dialogue on the Clean Development Mechanism. Prepared for USAID and the Confederation of Indian Industry, June 1999,

Proceedings of the Mayors' Asia Pacific Environmental Summit (editor). Honolulu. www.environmentalsummit.com, 1999, 2001, 2003.

The Convergence of Ideas on Improving the Environmental Protection System, CSIS Web Publication, March 1999. (Excerpted in Appendix B-3 of the Final Report of the President's Council on Sustainable Development, <http://clinton3.nara.gov/PCSD/Publications/final_report/ap_fp.html>)

Reinventing Environmental Regulation: The Only Path to a Sustainable Future, Environmental Law Reporter, 29(3): 10148-10157. March 1999.

<https://heinonline.org/HOL/LandingPage?handle=hein.journals/elrna29&div=27&id=&page=>

The Environmental Protection System in Transition: Toward a More Desirable Future (with Bill Ruckelshaus,), Washington DC: CSIS Publications, 1998, <https://www.amazon.com/Environmental-Protection-System-Transition-Environment/dp/0892063351>

What's All This About Reinvention?, Environmental Forum, 14(2):40-41, March/April 1997.

Environmental Issues Affecting Coal and CCTs into the Next Millenium, Proceedings of the Fifth Annual Clean Coal Technology Conference, Tampa, Florida, January 7-10, 1997, pp. 323-325.

Enterprise for the Environment: Building a New Consensus, Environmental Business Journal, 10(1):3-4, January 1997.

The United States Action Plan: An Overview, in White, James, Wendy H. Petry and William R. Wagner (eds.), *Evaluating Climate Change Action Plans: National Actions for International Commitment* (Environmental Science Research, v.53) New York: Plenum Press, 1996.

Perspectives on Greenhouse Gas Emissions Trends, Proceedings of the International Conference on Climate Change, Washington D.C., May 22-23, 1995, pp. 32-36.

Environmental Technologies in A Report of the European Institute International Roundtable Seminar on Transatlantic Environmental Policies. Washington DC: European Institute, 1994).

Two Cheers for the Energy Policy Act, Electricity Journal, 6(1):26-32, Jan/Feb 1993.

www.sciencedirect.com/science/article/abs/pii/S01909390366S

The Politics and Economics of Auction Design in the Market for Sulfur Dioxide Pollution, Journal of Policy Analysis and Management, 11(14): 553-572, Fall 1992.

<https://onlinelibrary.wiley.com/doi/abs/10.2307/3324955>

Automobile Fuel Efficiency Stalls in the 102nd Congress, Journal of Energy and Development, 16(2):175-194, Spring 1991. <https://www.jstor.org/stable/24807958>

Coping With the Cap: How Auctions Can Help the Allowance Market Work, Public Utilities Fortnightly, 125(11): 28-34, May 24, 1990.

Three Great Supply-Side Myths (co-authored with Sen. J. Bennett Johnston), Readings in Introductory Macroeconomics: 1989-1990 Annual Edition, Peter McClelland (ed.). New York: McGraw-Hill, 1990.

The Economics of the Shoreham Nuclear Plant. U.S. Senate Energy and Natural Resources Committee, Senate Print #101-42, Washington D.C., July 1989.

Oil Import Fees: Measuring the Costs and Benefits, Journal of Energy and Development, 13(2):171-186, Spring 1988.

Residential Energy Consumption: Models of Consumer Behavior and Their Implications for Rate Design, (co-authored with Lee Friedman), Journal of Consumer Policy, 11:287-313, 1988.

<https://link.springer.com/article/10.1007/BF00411952>

Book review of Electric Power: Deregulation and the Public Interest (John Moorhouse, ed.), Policy Sciences, 20: 277-279, 1987.