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Resume of: Raymond J. Kopp

Education: BS, Finance, University of Akron, 1970
MA, Economics, University of Akron, 1973
Ph.D., Economics, State University of New York at Binghamton, 1978

**Areas of
Specialization:** Natural Resource and Environmental Economics,
Applied Microeconomic Theory

Professional Experience:

1984-present Senior Fellow, Resources for the Future, Washington, D.C.
2000-2002 Vice President for Programs, Resources for the Future, Washington, D.C.
1987-1998 Director, Quality of the Environment Division, Resources for the Future, Washington, D.C.
1982-1984 Fellow, Quality of the Environment Division, Resources for the Future, Washington, D.C.
1981-1982 Visiting Assistant Professor, University of North Carolina at Chapel Hill.
1977-1981 Fellow, Quality of the Environment Division, Resources for the Future, Washington, D.C.

ARTICLES

"Toward a Definition of the Spatial Limits of Travel Cost Recreation Models," (with V. Kerry Smith), *Land Economics*, February 1980.

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"The Measurement of Productive Efficiency: A Reconsideration," *Quarterly Journal of Economics*, August 1981.

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"Implications of Environmental Policy for U.S. Agriculture: The Case of Ambient Ozone Standards," (with William J. Vaughan, Michael Hazilla, and Richard Carson), *Journal of Environmental Management*, 1985.

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"Productivity Measurement and Environmental Regulation: An Engineering-Econometric Analysis," (with V. Kerry Smith), in T. Cowing and R. Stevenson (eds.), *Productivity Measurement in Regulated Industries*, Academic Press, 1981.

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- "Intertemporal and Interspatial Estimates of Agricultural Productivity," (with Michael Hazilla), in John Antle and Susan Capalbo (eds.), *Productivity and Technological Structure in Agriculture: Recent Evidence and New Directions*, Johns Hopkins University Press, 1988.
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- "Impact of Environmental Legislation on U.S. Economic Growth, Investment and Capital Costs: Commentary," in *U.S. Environmental Policy and Economic Growth: How Do We Fare?*, Monograph Series on Tax and Environmental Policies & U.S. Economic Growth, American Council for Capital Formation, Washington, D.C., 1992.
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- "Implementing Natural Resource Damage Assessments," (with V. Kerry Smith), in Kopp and Smith (eds.), *Valuing Natural Assets: The Economics of Natural Resource Damage Assessment*, Washington, DC: Resources for the Future, 1993.
- "Natural Resource Damage Assessment: The Road Ahead," (with V. Kerry Smith), in Kopp and Smith (eds.), *Valuing Natural Assets: The Economics of Natural Resource Damage Assessment*, Washington, DC: Resources for the Future, 1993.
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- "Constructing Measure of Economic Value," (with V. Kerry Smith), in *Determining the Value of Non-marketed Goods: Economic, Psychological, and Policy Relevant Aspects of Contingent Valuation Methods*, (Kopp, Pommerehne and Schwarz eds.) Boston: Kluwer Academic Publishers, 1997.
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"Cost-Benefit Analysis and International Environmental Policy Decision Making: Problems of Income Disparity," (with Dallas Burtraw), Discussion Paper 94-15, Resources for the Future, Washington, D.C., 1994.

"Distributional and Environmental Consequences of Taxes on Energy: A Partial Equilibrium Model of U.S. Household Energy Demand," (with Hadi Dowlatabadi and F. Ted Tschang), Discussion Paper 94-19, Resources for the Future, Washington, D.C., 1994.

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"Estimating Environmental Compliance Costs for Industry: Engineering and Econometric Approaches," (with Paul Portney). Submitted to the National Science Foundation, Directorate for Scientific, Technological, and International Affairs, Division of Policy Research and Analysis, 1981.

"Agricultural Sector Benefits Analysis for Ozone: Methods Evaluation and Demonstration," (with Michael Hazilla and William J. Vaughan). Submitted to Office of Air Quality Planning and Standards, U.S. Environmental Protection Agency, Research Triangle Park, North Carolina, 1983.

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"Experts Meeting on the Choice of Modeling Platform for Carbon Policy Analysis," (with Michael A. Toman), report to the Office of Policy Planning and Evaluation, United States Environmental Protection Agency, Joel Scheraga, Project Officer, April 1997.

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"Near-Term Greenhouse Gas Emission Targets," Final report to the National Commission on Energy Policy, October 2004.

Econometric Underpinnings of Computable General Equilibrium Models used for Climate Policy Analysis, Final Report to: US Environmental Protection Agency, Climate Economics Branch, February 2009



PROFESSIONAL ACTIVITIES

- 2006-Present Clipore Scholar. Clipore is the Climate Policy Research Program of the Swedish Foundation for Strategic Environmental Research (Mistra)
- 2006-Present Member, Scientific Committee, European Union, Scanning Policy Scenarios for the Transition to Sustainable Economic Structures
- 2004-Present Member, Consumer Energy Council of America Transmission Infrastructure Forum
- 2002-2005 Member, Scientific Committee, European Union, Modeling the Transition to Sustainable Development
- 2001-Present Member, Advisory Committee, Center for Environment and Natural Resource Economics and Policy, North Carolina State University
- 2000-Present Member, Advisory Committee, Climate Policy Center, Washington, DC
- 1999-Present Member, Advisory Committee, International Economic Policy, U.S. Department of State
- 1994-2001 Treasurer, Association of Environmental and Resource Economists
- 1992-1995 Editorial Council, Journal of Environmental Economics and Management
- 1990-1992 Board of Directors, Association of Environmental and Resource Economists
- 1989-1992 Associate Editor, Journal of Productivity Analysis

CONGRESSIONAL TESTIMONY

- July 11, 1995 Before the Subcommittee on Water Resources and Environment, Committee on Transportation and Infrastructure, U.S. House of Representatives; regarding natural resource damages under CERCLA and OPA.
- June 25, 2008 Before the Senate Energy and Natural Resources Committee, U.S. Senate, regarding the report of the International Energy Agency, Energy Technology Perspectives 2008.

SWORN TESTIMONY

- April 23,
May 15, 1992 Deposition taken in the National Gypsum Co. Chapter 11 Bankruptcy Estimation, United States Bankruptcy Court, Northern District to Texas, Dallas Division.
- May 19, 1992 Testimony presented at trial in the National Gypsum Co. Chapter 11 Bankruptcy Estimation, United States Bankruptcy Court, Northern District to Texas, Dallas Division, N.D. TX. 1992 No. 390-37213-SAF-11.
- March 6-
March 10, 1995 Deposition taken in *United States, et al. v. Montrose Chemical Corporation of California, et al.* Case No. CV90-3122-AHH (C.D. Cal.)
- October 2 1998 Deposition taken in *BMW of North America, Inc. v. United States of America*, Civil Action Number 96-4360 (JCL) (USDC D. N. J.).
- January 29, 2002 Deposition taken in *LeClercq, et al v. Lockformer*, No. 00 C 7164 U.S. District Court for the Northern District of Illinois, Eastern Division.
- May 16, 2002 Testimony presented at trial in *LeClercq, et al v. Lockformer*, No. 00 C 7164 U.S. District Court for the Northern District of Illinois, Eastern Division.



- May 7-8, 2003 Deposition Taken in *Alcoa Inc. and Northwest Alloys, Inc. v. Accident and Casualty Insurance Company, et al*, Superior Court of Washington for King County.
- Dec, 1-2, 2008 Deposition Taken in *The State of Mississippi vs. The City of Memphis, Tennessee and Memphis Light, Gas & Water Division*, Civil Action No.2:05CV0032 Federal District Court for the Northern District of Mississippi, Delta Division.