

Publications by E3 Network Economists

Publications below are organized into these subject areas:

Climate Change
Economic Justice
Environmental Policy
Natural Resources Management
Technology & Energy Efficiency
Theoretical Perspectives

Within each subject area, entries are divided into:

Articles
Books & Book Chapters
Miscellaneous Formats

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Climate Change

Articles

Law and Economics for a Warming World

http://www.ase.tufts.edu/gdae/policy_research/WarmingWorld.html

Heinzerling, L., and F. Ackerman. 2007. Law and Economics for a Warming World. Harvard Law and Policy Review 1(2):331-362.

The Carbon Content of Japan-US Trade

http://www.ase.tufts.edu/gdae/policy_research/CarbonContent.html

Ackerman, F., M. Ishikawa, and M. Suga. 2007. The Carbon Content of Japan-US Trade. Energy Policy 35(9):4455-4462.

An Economic Framework for Coordinating Climate Policy with the Montreal Protocol

DeCanio, S. J., and C. S. Norman. 2007. An Economic Framework for Coordinating Climate Policy with the Montreal Protocol, Sustainable Development Law & Policy 7(2):41-44, 82-83.

Distribution of Emissions Allowances as an Opportunity

DeCanio, S. J. 2007. Distribution of Emissions Allowances as an Opportunity, Climate Policy 7:91:103.

Beyond Kyoto: North South Implications of Emissions Trading and Taxes

Sheeran, K. 2007. Beyond Kyoto: North South Implications of Emissions Trading and Taxes. Seattle Social Justice Journal.

Global Warming: What the World Needs Now is... Politics

Goodstein, E., 2006. Climate Change: What the World Needs Now is.. Politics, WorldWatch, Jan/Feb 2006.

Adapting for Uncertainty: A Scenario Analysis of U.S. Technology Energy Futures

Laitner, J. A., D. A. Hanson, I. Mintzer, and J. A. Leonard. 2006. Adapting for Uncertainty: A Scenario Analysis of U.S. Technology Energy Futures. Energy Studies Review 14(1).

Technology Policy and World Greenhouse Gas Emissions in the AMIGA Modeling System

Hanson, D. A., and J. A. Laitner. 2006. Technology Policy and World Greenhouse Gas Emissions in the AMIGA Modeling System. Energy Journal, Special Issue on Multi-Greenhouse Gas Mitigation and Climate Policy.

The Implications for Equitable and Efficient Climate Control

Sheeran, K. 2006. Side Payments Or Exemptions: The Implications for Equitable and Efficient Climate Control. Eastern Economic Journal 32(2).

Who Should Abate Carbon Emissions? A Note

Sheeran, K. 2006. Who Should Abate Carbon Emissions? A Note. Environmental and Resource Economics 35(2).

Forest Conservation in the Philippines: A Cost Effective Approach to Mitigating Climate Change?

Sheeran, K. 2006. Forest Conservation in the Philippines: A Cost Effective Approach to Mitigating Climate Change? Ecological Economics 58(2).

Review of P. Heller, Who Will Pay? Coping With Aging Societies, Climate Change and Other Long Term Fiscal Challenges

Sheeran, K. 2006. Review of P. Heller, Who Will Pay? Coping With Aging Societies, Climate Change and Other Long Term Fiscal Challenges. Eastern Economic Journal 32(2).

Descriptive or Conceptual Models: Contributions of Economics to the Climate Policy Debate

DeCanio, S. J. 2005. Descriptive or Conceptual Models: Contributions of Economics to the Climate Policy Debate, International Environmental Agreements 5:415-427.

Carbon offsets as an economic alternative to large-scale logging: a case study in Guyana

Osborne, T., and C. Kiker. 2005. Carbon offsets as an economic alternative to large-scale logging: a case study in Guyana. Ecological Economics 52(4).

An Integrated Analysis of Policies that Increase Investments in Advanced Energy-Efficient/Low-Carbon Technologies

Hanson, D. A., and J. A. Laitner. 2004. An Integrated Analysis of Policies that Increase Investments in Advanced Energy-Efficient/Low-Carbon Technologies. Energy Economics 26(4).

Cutting Carbon Emissions at a Profit (Part II): Impacts on U.S. Competitiveness and Jobs

Krause, F., S. J. DeCanio, J. A. Hoerner, and P. Baer. 2003. Cutting Carbon Emissions at a Profit (Part II): Impacts on U.S. Competitiveness and Jobs. Contemporary Economic Policy 21(1).

Economic Analysis, Environmental Policy, and Intergenerational Justice in the Reagan Administration: The Case of the Montreal Protocol

DeCanio, S. J. 2003. Economic Analysis, Environmental Policy, and Intergenerational Justice in the Reagan Administration: The Case of the Montreal Protocol. International Environmental Agreements: Politics, Law and Economics 3(4).

Cutting Carbon Emissions at a Profit (Part I): Opportunities for the U.S.

Krause, F., S. J. DeCanio, J. A. Hoerner, and P. Baer. 2002. Cutting Carbon Emissions at a Profit (Part I): Opportunities for the U.S. Contemporary Economic Policy 20(4).

Organizational Structure and the Behavior of Firms: Implications for Integrated Assessment

DeCanio, S. J., C. Dibble, and K. Amir-Atefi. 2001. Organizational Structure and the Behavior of Firms: Implications

for Integrated Assessment. *Climatic Change* 48(2/3).

Estimating Bounds on the Economy-Wide Effects of the CEF Policy Scenarios

Sanstad, A. H., S. J. DeCanio, G. A. Boyd, and J. G. Koomey. 2001. Estimating Bounds on the Economy-Wide Effects of the CEF Policy Scenarios. *Energy Policy* Vol. 29.

Cost-Effective Reductions of Non-CO2 Greenhouse Gases

Delacheyne, Francisco; Harvey, Reid; Kruger, Dina and Laitner, John A. "Skip". "Cost-Effective Reductions of Non-CO2 Greenhouse Gases." *Energy Policy*, 2001, 29(14), pp. 1325–31.

Rethinking Equity and Efficiency in Mitigating Climate Change

Sheeran, K. 2001. Rethinking Equity and Efficiency in Mitigating Climate Change. *International Journal of Economic Development* 3(4).

Impacts of Market-Based Climate Change Policies on the Us Pulp and Paper Industry

Ruth, Matthias; Davidsdottir, Brynhildur and Laitner, John A. "Skip". "Impacts of Market-Based Climate Change Policies on the Us Pulp and Paper Industry." *Energy Policy*, 2000, 28, pp. 259-70.

Climate Change

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Fighting for Love in the Century of Extinction

Goodstein, E. 2007. *Fighting for Love in the Century of Extinction*. University Press of New England.

Politics, Passion and Tent Poles

Goodstein, E. 2007. *Politics, Passion and Tent Poles*. Chapter in J. Isham and S. Wage, editors, *The Birth of a New Climate Movement*. Island Press, Washington, D.C.

Climate Change in the Pacific Northwest: Valuing Snowpack Loss for Agriculture and Salmon

<http://www.lclark.edu/%7Eeban/NWclimatecost.pdf>

Goodstein, E., and L. Matson. 2004. *Climate Change in the Pacific Northwest: Valuing Snowpack Loss for Agriculture and Salmon*. Chapter in forthcoming, J. Erickson editor, *New Directions in Environmental Policy*. Edward Elgar, Northampton, MA.

Equity and Efficiency in International Environmental Agreements: A Case Study of the Kyoto Protocol

Sheeran, K. 2004. *Equity and Efficiency in International Environmental Agreements: A Case Study of the Kyoto Protocol*. Chapter in G. M. Muducumura and M. S. Haque, editors, *The Handbook of Development Policy Studies*. Marcel Dekker, 2004.

Economic Models of Climate Change: A Critique

DeCanio, S. J. 2003. *Economic Models of Climate Change: A Critique*. Palgrave-Macmillan, Houndmills, U.K.

Money, Markets and Priorities: An Economic View of Climate Change

Goodstein, E. 2002. *Money, Markets and Priorities: An Economic View of Climate Change*. Chapter in S. Spray, editor, *Climate Change: An Interdisciplinary Approach*. Rowman and Littlefield.

A Pragmatic CGE Model for Assessing the Influence of Model Structure and Assumptions in Climate Change Policy Analysis

Bernow, Stephen; Cleetus, Rachel; Laitner, John A. ("Skip"); Peters, Irene; Rudkevich, Aleksandr and Ruth, Michael. "A Pragmatic CGE Model for Assessing the Influence of Model Structure and Assumptions in Climate Change Policy Analysis," L. A. Kreiser, *Critical Issues in International Environmental Taxation*. Chicago, IL: CCH Incorporated, 2002, pp. 503-22.

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DeCanio, S. J., W. E. Watkins, G. Mitchell, K. Amir-Atefi, and C. Dibble. 2001. Complexity in Organizations: Consequences for Climate Policy Analysis. Chapter in D. C. Hall and R. B. Howarth, editors, *Advances in the Economics of Environmental Resources*, Vol. 3, *The Long-Term Economics of Climate Change: Beyond a Doubling of Greenhouse Gas Concentrations*, eds. Darwin C. Hall and Richard B. Howarth. Elsevier Science, Amsterdam.

Estimating the Non-Environmental Consequences of Greenhouse Gas Reductions is Harder Than You Think

DeCanio, S. J. 2001. Estimating the Non-Environmental Consequences of Greenhouse Gas Reductions is Harder Than You Think. Chapter in P. E. Earl, editor, *The Legacy of Herbert Simon in Economic Analysis*. Series title, *Intellectual Legacies in Modern Economics*, series editor S. G. Medema, R. Backhouse and A. W. Coats. Edward Elgar, Cheltenham, U.K.

The Economics of Global Environmental Change

Goodstein, E. 2001. The Economics of Global Environmental Change. Chapter in E. Munn, series editor, *The Encyclopedia of Global Environmental Change*. John Wiley and Sons, New York.

Technology and Greenhouse Gas Emissions: An Integrated Scenario Analysis Using the LBNL-NEMS Model

Koomey, Jonathan G.; Richey, R. Cooper; Laitner, Skip; Markel, Robert J. and Marnay, Chris. *Technology and Greenhouse Gas Emissions: An Integrated Scenario Analysis Using the LBNL-NEMS Model*, D. Hall and R. Howarth, *The Long-Term Economics of Climate Change: Beyond a Doubling of Greenhouse Gas Concentrations*. Amsterdam, The Netherlands: Elsevier Science, 2001, pp. 175-219.

The Organizational Structure of Firms and Economic Models of Climate Policy

http://www.pewclimate.org/global-warming-in-depth/all_reports/new_directions

DeCanio, S. J. 2000. The Organizational Structure of Firms and Economic Models of Climate Policy. Chapter in DeCanio, S. J., R. B. Howarth, A. H. Sanstad, S. H. Schneider, and S. L. Thompson, editors, *New Directions in the Economics and Integrated Assessment of Global Climate Change*. Papers prepared for the Pew Center on Global Climate Change 1999 Economics Conference. Pew Center on Global Climate Change, Washington D.C.

Financing and Partnerships for Technology Transfer

DeCanio, S. J., co-lead with multiple other authors. 2000. Financing and Partnerships for Technology Transfer. Chapter 5 in *Methodological and Technological Issues in Technology Transfer*, Special Report of IPCC Working Group III, Intergovernmental Panel on Climate Change. Cambridge University Press, Cambridge, MA.

Incorporating Behavioral, Social, and Organizational Phenomena in the Assessment of Climate Change Mitigation Options

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Climate Change

Miscellaneous Formats

A Critical Question in Climate Debate

<http://www.e3network.org/resources/SheeranBarrett2008.pdf>

Sheeran, K., and J. Barrett. January 8, 2008. *The Baltimore Sun*.

About Stern

Baer, P. 2007. About Stern. A Commentary for E3 Network, 7 pp.

Can Climate Change Save Lives? A comment on "Economy-wide estimates of the implications of climate change: Human health."

<http://www.ase.tufts.edu/gdae/Pubs/wp/06-05ClimateHealth.pdf>

Ackerman, F., and E. Stanton. Forthcoming. Can Climate Change Save Lives? A comment on "Economy-wide estimates of the implications of climate change: Human health." *Ecological Economics*.

Hot, It's Not: Reflections on 'Cool It,' by Bjorn Lomborg

Ackerman, F. Forthcoming. *Hot, It's Not: Reflections on 'Cool It,' by Bjorn Lomborg*. Climatic Change.

Debating Climate Economics: The Stern Review vs. Its Critics

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Ackerman, F. 2007. *Debating Climate Economics: The Stern Review vs. Its Critics*. Report to Friends of the Earth-UK.

Florida and Climate Change: The Costs of Inaction

<http://www.ase.tufts.edu/gdae/Pubs/rp/FloridaClimate.html>

Stanton, E., and F. Ackerman. 2007. *Florida and Climate Change: The Costs of Inaction*. Report commissioned by Environmental Defense.

A Brief, Adequacy and Equity-Based Evaluation of Some Prominent Climate Policy Frameworks and Proposals

http://www.boell.de/index.html?http://www.boell.de/en/04_thema/5055.html&lang=en

Baer, P., and T. Athanasiou. 2007. *A Brief, Adequacy and Equity-Based Evaluation of Some Prominent Climate Policy Frameworks and Proposals*. Global Issues Papers #30, Heinrich Böll Foundation.

The right to development in a climate constrained world

http://www.ecoequity.org/docs/TheGDRsFramework_highres.pdf

Baer, P., T. Athanasiou, and K. Sivan. 2007. *The right to development in a climate constrained world: The Greenhouse Development Rights framework*. Report supported by Christian Aid and the Heinrich Böll Foundation.

Cap and Dividend: How to Curb Global Warming while Protecting the Incomes of American Families

http://www.peri.umass.edu/fileadmin/pdf/working_papers/working_papers_101-150/WP150.pdf

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Ackerman, F., and E. Stanton. 2006. *Climate Change - The Costs of Inaction*. Report for Friends of the Earth England, Wales, and Northern Ireland.

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Abrupt Climate Change and the Economy: A survey with application to Oregon

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Goodstein, E., and B. Doppelt. 2006. Abrupt Climate Change and the Economy: A survey with application to Oregon. Report for the Climate Leadership Initiative, University of Oregon.

Economic Aspects of Nominations for 'Critical Use' of Methyl Bromide Under Terms of the Montreal Protocol

<http://econ.ucsb.edu/~decanio/papers/MB-UK9r.pdf>

DeCanio, S. J., and C. S. Norman. 2003. Economic Aspects of Nominations for 'Critical Use' of Methyl Bromide Under Terms of the Montreal Protocol.

Tree-Huggers No Longer! Review of B. Lomborg, The Skeptical Environmentalist

<http://www.ase.tufts.edu/gdae/publications/AckermanNationLomborgReview.PDF>

Ackerman, F. March, 2002. Tree-Huggers No Longer! Review of B. Lomborg, The Skeptical Environmentalist. The Nation.

Economic Justice

Articles

Distribution of Emissions Allowances as an Opportunity

DeCanio, S. J. 2007. Distribution of Emissions Allowances as an Opportunity, Climate Policy 7:91:103.

Environment, Disaster, and Race After Katrina

Pastor, M., R. D. Bullard, J. Boyce, A. Fothergill, R. Morello-Frosch, and B. Wright. 2006. Environment, Disaster, and Race After Katrina. Race, Poverty, and the Environment 13(1):21-26.

Equity Effects of Alternative Assignments of Global Environmental Rights

DeCanio, S. J., and P. Niemann. 2006. Equity Effects of Alternative Assignments of Global Environmental Rights, Ecological Economics 56(4):546-559.

The Implications for Equitable and Efficient Climate Control

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Review of P. Heller, Who Will Pay? Coping With Aging Societies, Climate Change and Other Long Term Fiscal Challenges

Sheeran, K. 2006. Review of P. Heller, Who Will Pay? Coping With Aging Societies, Climate Change and Other Long Term Fiscal Challenges. Eastern Economic Journal 32(2).

A Chinese Sky Trust? Distributional Impacts of Carbon Charges and Revenue Recycling in China

<http://peri.enomaly.net/Publication.236+M50d4db91877.0.html>

Brenner, M., M. Riddle, and J. Boyce. 2005. A Chinese Sky Trust? Distributional Impacts of Carbon Charges and Revenue Recycling in China. Energy Policy 35(3) 2007.

Democratizing Global Economic Governance

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Boyce, J. 2004. Democratizing Global Economic Governance. Development and Change 35(3).

Green and Brown? Globalization and the Environment

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Economic Analysis, Environmental Policy, and Intergenerational Justice in the Reagan Administration: The Case of the Montreal Protocol

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Administration: The Case of the Montreal Protocol. *International Environmental Agreements: Politics, Law and Economics* 3(4).

Pricing the Priceless: Cost-Benefit Analysis of Environmental Protection

<http://www.ase.tufts.edu/gdae/publications/C-B%20pamphlet%20final.pdf>

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Unpacking Aid

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Where Credit is Due: Allocating Credit to Advance Environmental Goals

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Waste in the Inner City: Asset or Assault?

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Rethinking Equity and Efficiency in Mitigating Climate Change

Sheeran, K. 2001. Rethinking Equity and Efficiency in Mitigating Climate Change. *International Journal of Economic Development* 3(4).

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Economic Justice

Books & Book Chapters

Reclaiming Nature: Environmental Justice and Ecological Restoration

Boyce, J., S. Narain, and E. Stanton, editors. 2007. *Reclaiming Nature: Environmental Justice and Ecological Restoration*. Anthem Press, London.

Inequality and Environmental Protection

Boyce, J. 2006. Inequality and Environmental Protection. Chapter in J. Baland, P. Bardhan, and S. Bowles, editors, *Inequality, Collective Action, and Environmental Sustainability*. Princeton University Press.

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<http://www.peri.umass.edu/Publication.236+M58c743c6b23.0.html>

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<http://peri.enomaly.net/Publication.236+M54444963d88.0.html>

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Priceless: On Knowing the Price of Everything and the Value of Nothing

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Ackerman, F., and L. Heinzerling. 2004. *Priceless: On Knowing the Price of Everything and the Value of Nothing*. The New Press, New York.

Equity and Efficiency in International Environmental Agreements: A Case Study of the Kyoto Protocol

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Natural Assets: Democratizing Environmental Ownership

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Boyce, J., and B. G. Shelley, editors. 2003. *Natural Assets: Democratizing Environmental Ownership*. Island Press, Washington, DC.

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Zoll, M. H. and J. Boyce. 2003. *The New Environmental Activists: Fighting Pollution, Poverty and Racism by Building Natural Assets*. Political Economy Research Institute, Amherst, MA.

The Political Economy of the Environment

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Africa's Debt: Who Owes Whom?

http://www.peri.umass.edu/fileadmin/pdf/working_papers/working_papers_1-50/WP48.pdf

Ndikumana, L., and J. Boyce. 2002. *Africa's Debt: Who Owes Whom?* Chapter in G. A. Epstein, editor, *Capital Flight and Capital Controls in Developing Countries*. Edward Elgar, Northampton.

Economic Justice

Miscellaneous Formats

A Brief, Adequacy and Equity-Based Evaluation of Some Prominent Climate Policy Frameworks and Proposals

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The right to development in a climate constrained world

http://www.ecoequity.org/docs/TheGDRsFramework_highres.pdf

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Cap and Dividend: How to Curb Global Warming while Protecting the Incomes of American Families

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In the Wake of the Storm: Environment, Disaster, and Race After Katrina

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A Future for Small Farms? Biodiversity and Sustainable Agriculture

<http://www.peri.umass.edu/Publication.236+M541b71892e7.0.html>

Boyce, J. 2004. A Future for Small Farms? Biodiversity and Sustainable Agriculture. Political Economy Research Institute Working Paper No. 86.

Free Trade, Corn, and the Environment: Environmental Impacts of US – Mexico Corn Trade Under NAFTA

<http://www.ase.tufts.edu/gdae/Pubs/wp/03-06-NAFTACorn.PDF>

Ackerman, F., T. A. Wise, K. P. Gallagher, L. Ney, and R. Flores. 2003. Free Trade, Corn, and the Environment: Environmental Impacts of US – Mexico Corn Trade Under NAFTA. Report for the North American Council on Environmental Cooperation.

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Environmental Policy

Articles

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The US Response to BSE

Ackerman, F., and W. Johncheck. Forthcoming. New Solutions: A Journal of Environmental and Occupational Health.

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The Economics of Atrazine

Ackerman, F. 2007. The Economics of Atrazine. International Journal of Occupational and Environmental Health 13(4):441-449.

Beyond Kyoto: North South Implications of Emissions Trading and Taxes

Sheeran, K. 2007. Beyond Kyoto: North South Implications of Emissions Trading and Taxes. Seattle Social Justice Journal.

Who Should Abate Carbon Emissions? A Note

Sheeran, K. 2006. Who Should Abate Carbon Emissions? A Note. *Environmental and Resource Economics* 35(2).

A Chinese Sky Trust? Distributional Impacts of Carbon Charges and Revenue Recycling in China

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Carbon offsets as an economic alternative to large-scale logging: a case study in Guyana

Osborne, T., and C. Kiker. 2005. Carbon offsets as an economic alternative to large-scale logging: a case study in Guyana. *Ecological Economics* 52(4).

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Participatory socioeconomic analysis: drawing on fishermen's knowledge for marine protected area planning in California

Scholz, A. J., K. Bonzon, R. Fujita, N. Benjamin, N. Woodling, P. Black and C. Steinback. 2004. Participatory socioeconomic analysis: drawing on fishermen's knowledge for marine protected area planning in California. *Marine Policy* 28(4).

The Outer Bounds of the Possible: Economic Theory, Precaution, and Dioxin

http://www.ase.tufts.edu/gdae/Pubs/rp/Ackerman_Dioxin_2003.pdf

Ackerman, F. 2003. The Outer Bounds of the Possible: Economic Theory, Precaution, and Dioxin. *Organohalogen Compounds* 65:378-81.

Economic Analysis, Environmental Policy, and Intergenerational Justice in the Reagan Administration: The Case of the Montreal Protocol

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