Stanford



Lawrence Goulder

Shuzo Nishihara Professor of Environmental and Resource Economics, Emeritus

Curriculum Vitae available Online

Bio

BIO

Lawrence H. Goulder is the Shuzo Nishihara Professor in Environmental and Resource Economics at Stanford University and Director of the Stanford Center for Environmental and Energy Policy Analysis. He is also a Senior Fellow at the Stanford Institute for Economic Policy Research and at Stanford's Precourt Institute for Energy; a Research Associate at the National Bureau of Economic Research; and a University Fellow of Resources for the Future.

Goulder's research examines the environmental and economic impacts of environmental policies in the U.S. and China, with a focus on policies to deal with climate change and air pollution. His work also has explored the sustainability of natural resources and well-being in several countries. He has conducted analyses for several government agencies, business groups, and environmental organizations, and has served on advisory committees to the U.S. Environmental Protection Agency and the California Air Resources Board. Results from his work have been published in academic journal articles as well as in the book, Confronting the Climate Challenge: Options for US Policy, which was published by Columbia University Press in 2017.

His work often employs a general equilibrium analytical framework that integrates the economy and the environment and links the activities of government, industry, and households. The research considers both the aggregate benefits and costs of various policies as well as the distribution of policy impacts across industries, income groups, and generations. Some of his work involves collaborations with climate scientists, biologists, and engineers.

Goulder graduated from Harvard College with an A.B. in philosophy in 1973. He obtained a master's degree in musical composition from the Ecole Normale de Musique de Paris in 1975 and earned a Ph.D. in economics from Stanford in 1982. He was a faculty member in the Department of Economics at Harvard before returning to Stanford's economics department in 1989.

ACADEMIC APPOINTMENTS

- Emeritus Faculty, Acad Council, Economics
- Co-Director, Stanford Environmental and Energy Policy Analysis Center at SIEPR (SEEPAC)

ADMINISTRATIVE APPOINTMENTS

- Senior Fellow, Freeman-Spogli Institute for International Studies, (1986-2006)
- Associate Professor, Department of Economics, Stanford University, (1992-2001)
- Visiting Associate Professor, Department of Economics, Stanford University, (1989-1992)

- Instructor, Department of Economics, Stanford University, (1980-1982)
- Visiting Senior Fellow, Resources for the Future, (1999-2000)
- Associate Professor, Department of Economics, Harvard University, (1986-1989)
- Assistant Professor, Department of Economics, Harvard University, (1982-1986)

HONORS AND AWARDS

- Scholarship Award, Harvard College (1972)
- A.B. cum laude, Harvard College (June 1973)
- John Olin Research Fellow, Stanford University (March 1988 - June 1999)
- Bing Award for Outstanding Teaching, Stanford University (June 1994)
- Award for Best Paper, 50th Congress of the International Institute of Public Finance, Harvard University (August 1994)
- Erik Kempe Prize, World Congress of Environmental and Resource Economists (June 1998)
- Shuzo Nishihara Chair in Environmental and Resource Economics, Stanford University (September 2001)
- Teacher of the Year Award, Department of Economics, Stanford University (June 2002)
- Kennedy-Grossman Fellow in Human Biology, Stanford University (September 2004)
- University Fellow, Resources for the Future (October 1993-present)
- Fellow, Association of Environmental and Resource Economists (July 2013)
- Senior Fellow, Stanford Institute for Economic Policy Research
- Award for “Publication of Enduring Quality”, Association of Environmental and Resource Economists (2014)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Director, Stanford Environmental and Energy Policy Analysis Center
- Lead Author, Intergovernmental Panel on Climate Change (2011 - present)
- Member, Advisory Committee, California Air Resources Board AB 32 Scoping (2013 - present)
- Member, Editorial Board, Climate Change Economics (2009 - present)
- Member, Editorial Board, Review of Environmental Economics and Policy (2006 - present)
- Chair, Economic and Allocation Advisory Committee, California Environmental Protection Agency (2009 - 2010)
- Vice-Chair, Market Advisory Committee, California Environmental Protection Agency (2006 - 2007)
- Member, Board of Directors, Association of Environmental and Resource Economists (2006 - 2009)
- Co-Editor, Journal of Environmental Economics and Management (2005 - 2009)
- Chair, Science Advisory Board Review Panel, Second Generation Climate Change Policy Model, U.S. Environmental Protection Agency (2004 - 2006)
- Member, Editorial Board, Journal of Developing Areas (2001 - present)
- Member, Science Advisory Board Executive Committee, U.S. Environmental Protection Agency (2004 - 2007)
- Member, Science Advisory Board, Environmental Economics Advisory Committee, U.S. Environmental Protection Agency (1999 - 2002)
- Lead Author, Intergovernmental Panel on Climate Change (1998 - 2000)
- Member, Science Advisory Board Council on Clean Air Compliance Analysis, U.S. Environmental Protection Agency (1997 - 2003)
- Research Associate, National Bureau of Economic Research (1997 - present)
- Participant, Environmental Forum, Stanford University (1990 - present)
- Participant, Energy Modeling Forum, Stanford University (1990 - 1994)
- Affiliated Faculty, Energy and Environmental Policy Center, Harvard University (1983 - 1986)

- Economic Analyst, J. Richard Recht and Associates, Inc. (1977 - 1977)
- Economic Analyst, Federal Energy Administration Office of Exceptions and Appeals (1974 - 1975)
- Member, American Economic Association
- Member, Association of Environmental and Resource Economists
- Chair, Department of Economics (2008 - 2011)
- Teaching Coordinator, Department of Economics (2007 - 2008)
- Director of Undergraduate Studies, Department of Economics (1998 - 1999)
- Director of Undergraduate Studies, Department of Economics (2000 - 2002)
- Member, Executive Committee, Precourt Institute for Energy, Stanford University (2009 - present)
- Member, Executive Committee, Human Biology Program, Stanford University (2001 - present)
- Chair of Committee, Human Biology Program, Stanford University (2005 - 2012)
- Member, University Appointments and Promotions Committee, Stanford University (2008 - 2011)
- Member, Executive Committee, Freeman-Spogli Institute for International Studies, Stanford University (1992 - 2007)
- Member, Advisory Committee, Earth Systems Program, Stanford University (1992 - 2006)
- Member, Humanities and Sciences Curriculum Committee, Stanford University (2001 - 2003)
- Member, Humanities and Sciences Curriculum Committee, Stanford University (2006 - 2006)
- Member, Stanford Institute for the Environment Faculty Leadership Committee, Stanford University (2004 - 2006)
- Member, Steering Committee, Goldman Interschool Honors Seminar in Environmental Science, Technology, and Policy, Stanford University (1992 - 2004)
- Member, University Provost's Committee, Environmental Science, Technology and Policy, Stanford University (1995 - 1999)
- Member, University Provost's Committee, Environmental Science, Technology and Policy, Stanford University (2002 - 2003)
- Member, University Advisory Committee, Investment Responsibility, Stanford University (2001 - 2001)
- Freshman Adviser, Stanford University (1994 - 1995)

PROFESSIONAL EDUCATION

- A.B., Harvard College , Philosophy (1973)
- Ph.D., Stanford University , Economics (1982)
- Masters, Ecole Normale de Musique de Paris , Music Composition (1974)

LINKS

- Goulder Website: https://web.stanford.edu/~goulder/
- Stanford Environmental and Energy Policy Analysis Center (SEEPAC): https://seepac.stanford.edu
- Precourt Institute for Energy: http://energy.stanford.edu

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Goulder's research examines the environmental and economic impacts of environmental policies in the U.S. and China, with a focus on policies to deal with climate change and air pollution. His current research focuses on the evaluation of proposed U.S. federal level climate change policies and China's emerging nationwide emissions trading program to reduce carbon dioxide emissions.

His work also explores the sustainability of natural resources and well-being in several countries.

Results from his work have been published in academic journal articles as well as in the book, Confronting the Climate Challenge: Options for US Policy, which was published by Columbia University Press in 2017.

His work often employs a general equilibrium analytical framework that integrates the economy and the environment and links the activities of government, industry, and households. The research considers both the aggregate benefits and costs of various policies as well as the distribution of policy impacts across industries, income groups, and generations. Some of his work involves collaborations with climate scientists, biologists, and engineers.

Goulder has conducted analyses for several government agencies, business groups, and environmental organizations, and has served on advisory committees to the U.S. Environmental Protection Agency and the California Air Resources Board.

Teaching

COURSES

2026-27

- Public Economics and Environmental Economics Seminar: ECON 341 (Win, Spr)

2025-26

- Public Economics and Environmental Economics Seminar: ECON 341 (Aut, Win, Spr)

2024-25

- Public Economics and Environmental Economics Seminar: ECON 341 (Aut, Win, Spr)

2023-24

- Environmental Economics: ECON 250 (Aut)
- Environmental Economics and Policy: ECON 155 (Win)
- Public Economics and Environmental Economics Seminar: ECON 341 (Aut, Win, Spr)

Publications

PUBLICATIONS

- **China's unconventional nationwide CO2 emissions trading system: Cost-effectiveness and distributional impacts*** *JOURNAL OF ENVIRONMENTAL ECONOMICS AND MANAGEMENT*
  Goulder, L. H., Long, X., Lu, J., Morgenstern, R. D.
  2022; 111
- **Timing Is Everything: How Economists Can Better Address the Urgency of Stronger Climate Policy** *REVIEW OF ENVIRONMENTAL ECONOMICS AND POLICY*
  Goulder, L. H.
  2020; 14 (1): 143–56
- **THE AUDACIOUS DR. NORDHAUS** *CLIMATE CHANGE ECONOMICS*
  Goulder, L. H.
  2020; 11 (4)
- **Impacts of a carbon tax across US household income groups: What are the equity-efficiency trade-offs?** *JOURNAL OF PUBLIC ECONOMICS*
  Goulder, L. H., Hafstead, M. A. C., Kim, G., Long, X.
  2019; 175: 44–64

- **China's Rate-Based Approach to Reducing CO2 Emissions: Attractions, Limitations, and Alternatives**
  Goulder, L. H., Morgenstern, R. D.
  AMER ECONOMIC ASSOC.2018: 458–62
- **THE SENSITIVITY OF CO2 EMISSIONS UNDER A CARBON TAX TO ALTERNATIVE BASELINE FORECASTS** *CLIMATE CHANGE ECONOMICS*
  Chen, Y., Goulder, L. H., Hafstead, M. A. C.
  2018; 9 (1)
- **China's national carbon dioxide emission trading system: An introduction** *ECONOMICS OF ENERGY & ENVIRONMENTAL POLICY*
  Goulder, L. H., Morgenstern, R. D., Munnings, C., Schreifels, J.
  2017; 6 (2): 1-18
- **General Equilibrium Impacts of a Federal Clean Energy Standard** *AMERICAN ECONOMIC JOURNAL-ECONOMIC POLICY*
  Goulder, L. H., Hafstead, M. A., Williams, R. C.
  2016; 8 (2): 186-218
- **Environmental economics. An economic perspective on the EPA's Clean Power Plan.** *Science*
  Fowlie, M., Goulder, L., Kotchen, M., Borenstein, S., Bushnell, J., Davis, L., Greenstone, M., Kolstad, C., Knittel, C., Stavins, R., Wara, M., Wolak, F., Wolfram, et al
  2014; 346 (6211): 815-816
- **Global warming: Improve economic models of climate change.** *Nature*
  Revesz, R. L., Howard, P. H., Arrow, K., Goulder, L. H., Kopp, R. E., Livermore, M. A., Oppenheimer, M., Sterner, T.
  2014; 508 (7495): 173-175
- **National and Sub-national Policies and Institutions** *CLIMATE CHANGE 2014: MITIGATION OF CLIMATE CHANGE*
  Somanathan, E., Sterner, T., Sugiyama, T., Chimanikire, D., Dubash, N. K., Essandoh-Yeddu, J., Fifita, S., Goulder, L., Jaffe, A., Labandeira, X., Managi, S., Mitchell, C., Pablo Montero, et al
  edited by Edenhofer, O., PichsMadruga, R., Sokona, Y., Minx, J. C., Farahani, E., Kadner, S., Seyboth, K., Adler, A., Baum, Brunner, S., Eickemeier, P., Kriemann, B., Savolainen, J., Schlomer, S., VonStechow, C., Zwickel, T.
  2014: 1141-1205
- **Climate change policy's interactions with the tax system** *ENERGY ECONOMICS*
  Goulder, L. H.
  2013; 40: S3-S11
- **Sustainability and the measurement of wealth: further reflections** *ENVIRONMENT AND DEVELOPMENT ECONOMICS*
  Arrow, K. J., Dasgupta, P., Goulder, L. H., Mumford, K. J., Oleson, K.
  2013; 18: 504-516
- **CARBON TAXES VERSUS CAP AND TRADE: A CRITICAL REVIEW** *CLIMATE CHANGE ECONOMICS*
  Goulder, L. H., Schein, A. R.
  2013; 4 (3)
- **Markets for Pollution Allowances: What Are the (New) Lessons?** *JOURNAL OF ECONOMIC PERSPECTIVES*
  Goulder, L. H.
  2013; 27 (1): 87-102
- **Carbon Taxes vs. Cap and Trade: A Critical Review** *Climate Change Economics*
  Schein, A., Goulder, L. H.
  2013; 4 (03)
- **THE CHOICE OF DISCOUNT RATE FOR CLIMATE CHANGE POLICY EVALUATION** *CLIMATE CHANGE ECONOMICS*
  Goulder, L. H., Williams, R. C.
  2012; 3 (4)
- **Sustainability and the measurement of wealth** *ENVIRONMENT AND DEVELOPMENT ECONOMICS*
  Arrow, K. J., Dasgupta, P., Goulder, L. H., Mumford, K. J., Oleson, K.
  2012; 17: 317-353

- **Unintended consequences from nested state and federal regulations: The case of the Pavley greenhouse-gas-per-mile limits** *JOURNAL OF ENVIRONMENTAL ECONOMICS AND MANAGEMENT*
  Goulder, L. H., Jacobsen, M. R., van Benthem, A. A.
  2012; 63 (2): 187-207
- **The Choice of Discount Rate for Climate Change Policy Evaluation** *Climate Change Economics*
  Williams, R. C., Goulder, L. H.
  2012; 3 (4)
- **Unintended Consequences from Nested State** *Journal of Environmental Economics and Management*
  Jacobsen, M. R., van Bethem, A. A., Goulder, L. H.
  2012; 63: 187-207
- **Interactions between State and Federal Climate Change Policies** *NBER Conference on Design and Implementation of U.S. Climate Policy*
  Goulder, L. H., Stavins, R. N.
  UNIV CHICAGO PRESS.2012: 109–125
- **Uncertainty, loss aversion, and markets for energy efficiency Comment** *ENERGY ECONOMICS*
  Goulder, L.
  2011; 33 (4): 617-618
- **Challenges from State-Federal Interactions in US Climate Change Policy** *AMERICAN ECONOMIC REVIEW*
  Goulder, L. H., Stavins, R. N.
  2011; 101 (3): 253-257
- **Interpreting and Estimating the Value of Ecosystem Services** *Natural Capital: The Theory and Practice of Ecosystem Service Valuation and Conservation*
  Goulder, L. H., Kennedy, D.
  edited by Daily, G., Kareiva, P., Ricketts, T., Tallis, H., Polasky, S.
  Oxford University Press.2011
- **Interpreting and estimating the value of ecosystem services** *NATURAL CAPITAL: THEORY & PRACTICE OF MAPPING ECOSYSTEM SERVICES*
  Goulder, L. H., Kennedy, D.
  edited by Kareiva, P., Tallis, H., Ricketts, T. H., Daily, G. C., Polasky, S.
  2011: 15-33
- **Challenges from State-Federal Interactions in U.S. Climate Change Policy** *American Economic Review Papers and Proceedings*
  Stavins, R. N., Goulder, L. H.
  2011
- **Impacts of alternative emissions allowance allocation methods under a federal cap-and-trade program** *JOURNAL OF ENVIRONMENTAL ECONOMICS AND MANAGEMENT*
  Goulder, L. H., Hafstead, M. A., Dworsky, M.
  2010; 60 (3): 161-181
- **Sustainable urban water supply in south India: Desalination, efficiency improvement, or rainwater harvesting?** *WATER RESOURCES RESEARCH*
  Srinivasan, V., Gorelick, S. M., Goulder, L.
  2010; 46
- **A hydrologic-economic modeling approach for analysis of urban water supply dynamics in Chennai, India** *WATER RESOURCES RESEARCH*
  Srinivasan, V., Gorelick, S. M., Goulder, L.
  2010; 46
- **Factors determining informal tanker water markets in Chennai, India** *WATER INTERNATIONAL*
  Srinivasan, V., Gorelick, S. M., Goulder, L.
  2010; 35 (3): 254-269

- **China, the US, and sustainability : perspectives based on comprehensive wealth** *Is economic growth sustainable?*
  Arrow, K. J., Dasgupta, P., Goulder, L. H., Mumford, K., Oleson, K.
  2010: 92–144
- **Distributional and Efficiency Impacts of Increased US Gasoline Taxes** *AMERICAN ECONOMIC REVIEW*
  Bento, A. M., Goulder, L. H., Jacobsen, M. R., von Haefen, R. H.
  2009; 99 (3): 667-699
- **How Would a Federal Cap-and-Trade Climate Policy Affect Profits and GDP?** *Stanford Institute for Economic Policy Research Policy Brief*
  Hafstead, M., Dworsky, M., Goulder, L. H.
  2009
- **Profit Impacts of Allowance Allocation under the American Clean Energy and Security (ACES) Act** *Policy Analysis Memo*
  Hafstead, M., Dworksy, M., Goulder, L. H.
  2009
- **Status effects, public goods provision, and excess burden** *JOURNAL OF PUBLIC ECONOMICS*
  Wendner, R., Goulder, L. H.
  2008; 92 (10-11): 1968-1985
- **Instrument Choice in Environmental Policy** *REVIEW OF ENVIRONMENTAL ECONOMICS AND POLICY*
  Goulder, L. H., Parry, I. W.
  2008; 2 (2): 152-174
- **Costs of alternative environmental policy instruments in the presence of industry compensation requirements** *JOURNAL OF PUBLIC ECONOMICS*
  Bovenberg, A. L., Goulder, L. H., Jacobsen, M. R.
  2008; 92 (5-6): 1236-1253
- **Environmental Justice and California Climate Policy** *Sacramento Bee*
  Goulder, L. H., Stavins, R. N.
  2008
- **The Substantial Bias from Ignoring General Equilibrium Effects in Estimating Excess Burden, and a Practical Solution** *Benefit-Cost Analysis*
  Goulder, L. H., Williams, R. C.
  edited by Zerbe, R., Evans, D.
  University of Chicago Press.2008
- **The Economics of Climate Change** *The New Palgrave Dictionary of Economics*
  Goulder, L. H., Durlauf, S.
  edited by Blume, L., Durlauf, S.
  Palgrave MacMillan, Ltd..2008
- **Consumption, investment, and future well-being: Reply to Daly et al.** *CONSERVATION BIOLOGY*
  Arrow, K. J., Daily, G., Dasgupta, P., Ehrlich, P., Goulder, L., Heal, G., Levin, S., Maler, K., Schneider, S., Starrett, D., Walker, B.
  2007; 21 (5): 1363-1365
- **Is current consumption excessive? A general framework and some indications for the United States** *CONSERVATION BIOLOGY*
  Ehrlich, P. R., Goulder, L. H.
  2007; 21 (5): 1145-1154
- **California's Bold New Climate Policy** *ECONOMISTS VOICE*
  Goulder, L. H.
  2007; 4 (3)
- **Recommendations for Designing a Greenhouse Gas Cap-and-Trade System for California** *Report of the Market Advisory Committee to the California Air Resources Board*
  Goulder, L. H.
  2007

- **California's Bold New Climate Policy** *The Economists' Voice*
  Goulder, L. H.
  2007; 4 (3)
- **Benefit-Cost Analysis, Individual Differences, and Third Parties** *Research in Law and Economics*
  Bovenberg, A. L., Gurney, D. J., Goulder, L. H.
  2007; 23
- **California's Bold New Climate Policy: The Challenges Ahead** *Stanford Institute for Economic Policy Research Policy Brief*
  Goulder, L. H.
  2006
- **Evaluating public goods and regulations - Comments** *JOURNAL OF ECONOMIC PERSPECTIVES*
  Goulder, L. H., Parry, I. W., Williams, R. C.
  2005; 19 (4): 233-233
- **Distributional and efficiency impacts of gasoline taxes: An econometrically based multi-market study** *117th Annual Meeting of the American-Economic-Association*
  Bento, A. M., Goulder, L. H., Henry, E., Jacobsen, M. R., von Haefen, R. H.
  AMER ECONOMIC ASSOC.2005: 282–87
- **Efficiency costs of meeting industry-distributional constraints under environmental permits and taxes** *RAND JOURNAL OF ECONOMICS*
  Bovenberg, A. L., Goulder, L. H., Gurney, D. J.
  2005; 36 (4): 951-971
- **An Eye on the Future -- The Economists' Practice of Discounting** *Economics of the Environment, Selected Readings*
  Stavins, R. N., Goulder, L. H.
  edited by Stavins, R. N.
  New York: W. W. Norton.2005
- **Environmental Policy Making in a Second-Best Setting** *Economics of the Environment, Selected Readings*
  Goulder, L. H., Stavins, R. N.
  W.W. Norton.2005
- **Comment on 'On the (Ir)Relevance of Distribution and Labor Supply Distortion to Government Policy'** *Journal of Economic Perspectives*
  Goulder, L. H.
  2005; 19 (4)
- **Efficiency and Distributional Impacts of Gasoline Taxes: An Econometrically Based Multi-Market Study** *American Economic Review Papers and Proceedings*
  Bento, A., Goulder, L. H., Emeric, H., Jacobsen, M. R., von Haefen, R. H.
  2005
- **China's Pollution Levy System: Theoretical Capabilities and Practical Challenges** *Journal of Comparative Studies*
  Goulder, L. H.
  2005; 21
- **Lessons for a Cap-and-Trade Program** *The Potential Economic Costs and Benefits of Climate Change Policy in California (Report to State of California Climate Action Team)*
  Burtraw, D., Farrell, A., Peterman, C., Goulder, L. H.
  2005
- **Comment on 'On the (Ir)Relevance of Distribution and Labor Supply Distortion to Government Policy'** *Journal of Economic Perspectives*
  Parry, I. W., Williams III, R. C.
  2005; 19 (4)
- **Are we consuming too much?** *JOURNAL OF ECONOMIC PERSPECTIVES*
  Arrow, K., Dasgupta, P., Goulder, L., Daily, G., Ehrlich, P., Heal, G., Levin, S., Maler, K. G., Schneider, S., Starrett, D., Walker, B.
  2004; 18 (3): 147-172

- **Induced Technological Change and Climate Policy** *Pew Center Report on Global Climate Change*
  Goulder, L. H.
  2004
- **Optimal Environmental Taxation in the Presence of Other Taxes: General Equilibrium Analyses** *Recent Developments in Environmental Economics*
  Goulder, L. H., Bovenberg, A. L.
  edited by Hoel, M.
  Edward Elgar.2004
- **Are We Consuming Too Much?** *Journal of Economic Perspectives*
  Arrow, K., Dasgupta, P., Daily, G., Goulder, L. H., Heal, G., Levin, S., Maler, K., Schneider, S., Starrett, D., Walker, B.
  2004
- **The substantial bias from ignoring general equilibrium effects in estimating excess burden, and a practical solution** *JOURNAL OF POLITICAL ECONOMY*
  Goulder, L. H., Williams, R. C.
  2003; 111 (4): 898-927
- **Benefit-Cost Analysis and Climate-Change Policy** *Global Climate Change: The Science, Economics and Politics*
  Goulder, L. H.
  edited by Griffin, J. M.
  Edward Elgar.2003
- **Discounting - An eye on the future** *NATURE*
  Goulder, L. H., Stavins, R. N.
  2002; 419 (6908): 673-674
- **Environmnental Policy Making in Economies with Prior Tax Distortions**
  Goulder, L. H.
  Edward Elgar.2002
- **Environmental Taxation and Regulation** *Handbook of Public Economics*
  Bovenberg, A. L., Goulder, L. H.
  edited by Auerbach, A., Feldstein, M.
  2002
- **U.S. Global Climate Change Policy: The Bush Administration's Plan and Beyond** *Stanford Institute for Economic Policy Research Policy Brief*
  Goulder, L. H.
  2002
- **International Approaches to Reducing Greenhouse Gas Emissions** *Climate Change Policy: A Survey*
  Goulder, L. H., Nadreau, B.
  edited by Schneider, S., Rosencrantz, A., Niles, J. O.
  Island Press.2002
- **Neutralizing the adverse industry impacts of CO2 abatement policies - What does it cost?** *Conference on Behavioral and Distributional Effects of Environmental Policy*
  BOVENBERG, A. L., Goulder, L. H.
  UNIV CHICAGO PRESS.2001: 45–89
- **Optimal CO2 abatement in the presence of induced technological change** *JOURNAL OF ENVIRONMENTAL ECONOMICS AND MANAGEMENT*
  Goulder, L. H., Mathai, K.
  2000; 39 (1): 1-38
- **Steps from Environmental Science to Effective Policy** *Earth Systems: Processes and Issues*
  Goulder, L. H.
  edited by Ernst, G.

Stanford University Press.2000

- **Valuing Nature** *Earth Systems: Processes and Issues*
  Goulder, L. H., Kennedy, D.
  edited by Ernst, G.
  Stanford University Press.2000
- **Confronting the Adverse Industry Impacts of CO2 Abatement Policies: What Does It Cost?** *Resources for the Future Issues Brief*
  Goulder, L. H.
  2000
- **Confronting the Prospect of Global Climate Change: Carbon Taxes and Other Domestic Policy Options** *Earth Systems: Processes and Issues*
  Goulder, L. H.
  edited by Ernst, G.
  Stanford University Press.2000
- **Induced technological change and the attractiveness of CO2 abatement policies** *RESOURCE AND ENERGY ECONOMICS*
  Goulder, L. H., Schneider, S. H.
  1999; 21 (3-4): 211-253
- **Knowledge and the environment** *ECOLOGICAL ECONOMICS*
  Ehrlich, P. R., Wolff, G., Daily, G. C., Hughes, J. B., Daily, S., DALTON, M., Goulder, L.
  1999; 30 (2): 267-284
- **The cost-effectiveness of alternative instruments for environmental protection in a second-best setting** *JOURNAL OF PUBLIC ECONOMICS*
  Goulder, L. H., Parry, I. W., Williams, R. C., Burtraw, D.
  1999; 72 (3): 329-360
- **When can carbon abatement policies increase welfare? The fundamental role of distorted factor markets** *JOURNAL OF ENVIRONMENTAL ECONOMICS AND MANAGEMENT*
  Parry, I. W., Williams, R. C., Goulder, L. H.
  1999; 37 (1): 52-84
- **Green Tax Reform: Theoretical Issues, Empirical Results, and Future Challenges** *Green Taxes: Economic Theory and Empirical Evidence from Scandinavia*
  Goulder, L. H.
  edited by Brännlund, R., Gren, I.
  Edward Elgar.1999
- **When Can CO2 Abatement Policies Increase Welfare? The Fundamental Role of Pre-Existing Factor Market Distortions** *Journal of Environmental Economics and Management*
  Parry, I., Williams III, R., Goulder, L. H.
  1999; 37: 52-84
- **Induced Technological Change and the Attractiveness of CO2 Emissions Abatement Policies** *Resource and Energy Economics*
  Schneider, S. L., Goulder, L. H.
  1999; 21: 211-253
- **Tax Interactions, Revenue Recycling, and the Efficiency Impacts of Pollution-Abatement Policies** *Essays in Honor of Wallace E. Oates*
  Goulder, L. H.
  edited by Panagariya, A., Portney, P., Schwab, R.
  1999
- **Time to Get Serious About Traffic** *San Francisco Chronicle*
  Goulder, L. H.
  1999
- **Environmental Policy Making in a Second-Best Setting** *Journal of Applied Economics*
  Goulder, L. H.
  1998; 1 (2): 279-328

- **Achieving low-cost emissions targets** *NATURE*
  Schneider, S. H., Goulder, L. H.
  1997; 389 (6646): 13-14
- **Costs of environmentally motivated taxes in the presence of other taxes: General equilibrium analyses** *NATIONAL TAX JOURNAL*
  BOVENBERG, A. L., Goulder, L. H.
  1997; 50 (1): 59-87
- **Revenue-raising versus other approaches to environmental protection: The critical significance of preexisting tax distortions** *RAND JOURNAL OF ECONOMICS*
  Goulder, L. H., Parry, I. W., Burtraw, D.
  1997; 28 (4): 708-731
- **Valuing Ecosystem Services: Philosophical Bases and Empirical Approaches** *Natures Services: Societal Dependence on Natural Ecosystems*
  Kennedy, D., Goulder, L. H.
  edited by Daily, G.
  Island Press.1997
- **Ecosystem Services: Benefits Supplied to Human Societies by Natural Ecosystems** *Issues in Ecology*
  Daily , G. C., Alexander, S., Ehrlich, P. R., Lubchenco, J., Matson, P. A., Mooney, H. A., Postel, S., Schneider, S. H., Tilman, D., Woodwell, G. M., Goulder, L. H.
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