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Education:

1970 B.A. University of Pennsylvania, Mathematics
1971 M.A. State University of New York at Stony Brook, Mathematics
1974 M.Phil. Yale University, Economics
1975 Ph.D. Yale University, Economics

Employment Record:

1/2012 – 7/2013	Visitor: PIIRS community on Communicating Uncertainty: Science, Institutions and Ethics in the Politics of Global Climate Change, Princeton University.
10/2010 – present	Huffington Foundation Professor of Economics and Environmental Studies
7/2006 – 10/2010	Woodhouse/Sysco Professor of Economics, Wesleyan University
7/2001 – 6/2006	John E. Andrus Professor of Economics, Wesleyan University
7/1985 – 6/2001	Professor of Economics, Wesleyan University
7/1994 – 6/1999	Director of Research and Sponsored Programs, Wesleyan University
7/1992 – 6/1996 & 7/2002 – 6/2004	Director, Andrus Center for Public Affairs, Wesleyan University
7/1978 – 6/1985	Associate Professor of Economics, Wesleyan University
7/1977 – 6/1978	Assistant Professor of Economics, Wesleyan University
8/1975 – 7/1977	Assistant Professor of Economics, SUNY Albany
1981(S) & 1983(S)	Visiting Associate Professor of Economics, Yale University
1987(F), 1989(F), 1991(S) & 1995(S)	Visiting Professor of Economics, Yale University
7/2008 – 6/2010	Visiting Professor of Economics, Yale School of Forestry and Environmental Studies

Fellowships and Awards

Phi Beta Kappa, University of Pennsylvania
Yale University Fellowship
Elected member of Connecticut Academy of Science and Engineering
Elected member-at-large of Sigma Xi
Co-recipient of the 2007 Nobel Peace Prize as a senior member of the Intergovernmental Panel on Climate Change for the Third and Fourth (and subsequently the Fifth) Assessment Reports,
Honorary Chair of Connecticut United Nations Day by decree of Governor Malloy.
Wesleyan's First Faculty Research Prize, September 4, 2018.

Selected Publications (A * before a name in the author list identifies a Wesleyan student who was full-fledged co-author of the listed paper.) (The article names are hyperlinked to an online available version at gyohe.faculty.wesleyan.edu, if there is no hyperlink to the article, it is not available or this document will provide a source where the article can be purchased) (One, two or three checks (√) indicates more than 100, 300, or 1000 citations, respectively; four checks indicates more than 7500 citations)

1976

1. **Yohe, G.**, "[Substitution and the Control of Pollution--A Comparison of Effluent Charges and Quantity Standards Under Uncertainty](#)," *Journal of Environmental Economics and Management* **3**: 312-324, 1976.
2. **Yohe, G.**, "[Polluters' Profits and Political Responses: Direct Control versus Taxes](#)", *American Economic Review* **66**: 981-982., 1976.

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3. **Yohe, G.**, "[Single-Valued Control of a Cartel Under Uncertainty--A Multifirm Comparison of Prices and Quantities](#)" *Bell Journal of Economics* **8**: 97-111, 1977.
4. **Yohe, G.**, "[Single-valued Control of an Intermediate Good Under Uncertainty--A Comparison of Prices and Quantities](#)" *International Economic Review* **18**: 117-133, 1977.
5. Ogura, S. and **Yohe, G.**, "[The Complementarity of Public and Private Capital and the Optimal Rate of Return to Government Investment](#)," *Quarterly Journal of Economics* **91**: 651-662, 1977.

1978

6. **Yohe, G.**, "[Towards a General Comparison of Price Controls and Quantity Controls Under Uncertainty](#)" *Review of Economic Studies* **45**: 229-238, 1978.

1979

7. **Yohe, G.**, *[A Comparison of Price Controls and Quantity Controls Under Uncertainty](#)*, New York, Garland Publishing Co., Inc., 1979. (Published in a series of 24 Outstanding Dissertations in Economics).
8. Karp, G. and **Yohe, G.**, "[The Optimal Linear Alternative to Price and Quantity Controls in the Multifirm Case](#)" *Journal of Comparative Economics* **3**: 56-65, 1979.

1980

9. **Yohe, G.**, "[Current Publication Lags in Economics Journals](#)," *Journal of Economic Literature* **18**: 1050-1055, 1980.

1983

10. √ Nordhaus, W. and **Yohe, G.**, "[Future Carbon Dioxide Emissions from Fossil Fuels](#)," in *Changing Climate: Report of the Carbon Dioxide Assessment Committee*, National Research Council, Washington, 1983.
11. [Exercises and Applications for Microeconomic Analysis \(1st Edition\)](#) New York, Norton and Company, 1983 (2nd and 3rd editions in and 1986 and 1993).

1984

12. **Yohe, G.**, "[The Effects of Changes in Expected Near-term Fossil Fuel Prices on Long-term Energy and Carbon Dioxide Projections](#)" *Resources and Energy* **6**: 1-20, 1984.
13. **Yohe, G.**, "[Constant elasticity of substitution production functions with three or more inputs: and approximation procedure](#)", *Economics letters*, 1984.

1985

14. **Yohe, G.**, [Study Guide to Accompany Samuelson/Nordhaus 'Economics', 12th edition](#), McGraw Hill Publishers, New York, NY, 1985 (13th and 14th editions in 1989 and 1992).
- 1986**
15. **Yohe, G.**, "[Evaluating the efficiency of long-term forecasts with limited information: Revisions in the IEW poll responses](#)", *Resources and Energy* **8**:331-339, 1986.
- 1987**
16. **Yohe, G.** and MacAvoy, P., "[The Practical Advantages of Tax Over Regulatory Policies in the Control of Industrial Pollution](#)", *Economics Letters* **25**: 177-182, 1987.
- 1989**
17. **Yohe, G.**, "[More on the Properties of a Tax Cum Subsidy Pollution Control Strategy](#)," *Economic Letters* **31**: 193-198, 1989.
18. **Yohe, G.**, "[The Cost of Not Holding Back the Sea – Economic Vulnerability](#)", *Ocean Shoreline Management* **15**: 233-255, 1989.
- 1991**
19. **Yohe, G.**, "[Uncertainty, Global Climate and the Economic Value of Information](#)", *Policy Sciences* **24**: 245-269, 1991.
20. **Yohe, G.**, "[The Cost of Not Holding Back the Sea - Towards a National Sample of Economic Vulnerability](#)," *Coastal Management* **18**: 403-431, 1991.
21. **Yohe, G.**, "[Selecting 'Interesting' Scenarios with which to Analyze Policy Response to Potential Climate Change](#)" *Climate Research* **1**: 169-177, 1991.
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- 1992**
23. **Yohe, G.** and Malone, T. "[Toward a General Methodology with Which to Evaluate the Social and Economic Impact of Global Change](#)," *Global Environmental Change* **3**: 101-110, 1992.
24. **Yohe, G.**, "[Carbon Emissions Taxes: Their Comparative Advantage under Uncertainty](#)," *Annual Review of Energy* **17**: 301-326, 1992.
25. **Yohe, G.**, "[Imbedding Dynamic Responses with Imperfect Information into Static Portraits of the Regional Impact of Climate Change](#)" in *Economic Issues in Global Climate Change* (Reilly, J. and Anderson, M., eds), Westview Press, Oxford, 1992.
- 1993**
26. **Yohe, G.**, "[Equity and Efficiency in the Clinton Energy Tax: Some Early Thoughts from First Principles](#)", *Energy Policy* **21**: 953-957, 1993.
- 1995**
27. **Yohe, G.** and *Garvey, B., "[Incorporating Uncertainty and Nonlinearity into the Calculus of an Efficient Response to the Threat of Global Warming](#)", *International Journal of Global Energy Issues* **7**: 34-47, 1995.
28. **Yohe, G.**, Neumann, J. and Ameden, H., "[Assessing the Economic Cost of Greenhouse Induced Sea Level Rise: Methods and Applications in Support of a National Survey](#)", *Journal of Environmental Economics and Management* **29**: S-78-S-97, 1995.
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29. √ **Yohe, G.**, Neumann, J., Marshall, P., and Ameden, H., "[The Economic Cost of Greenhouse Induced Sea Level Rise in the United States](#)", *Climatic Change* **32**: 387-410, 1996.

30. Yohe, G., and *Wallace, R. "[Near Term Mitigation Policy for Global Change Under Uncertainty - Minimizing the Expected Cost of Meeting Unknown Concentration Thresholds](#)", *Energy Modeling Assessment* **1**: 47-57, 1996.
31. Yohe, G., "[Exercises in Hedging Against Extreme Consequences of Global Change and the Expected Value of Information](#)" *Global Environmental Change* **6**: 87-101, 1996.

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32. Yohe, G. and Neumann, J., "[Planning for Sea-level Rise and Shore Protection under Climate Uncertainty](#)", *Climatic Change* **37**: 243-70, 1997.
33. Yohe, G., "[Uncertainty, Short Term Hedging and the Tolerable Windows Approach](#)" *Global Environmental Change* **7**: 303-315, 1997.

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34. Yohe, G., and Cantor, R., "[Economic Activity](#)" in *Human Choice and Climate Change*, Volume 3 (Chapter 1), Battelle Press, Washington, 1998.
35. Yohe, G. and Schlesinger, M., "[Sea Level Change: The Expected Economic Cost of Protection or Abandonment in the United States](#)", *Climatic Change* **38**: 447-472, 1998.
36. Yohe, G., Malinowski, T., Yohe, M., "[Fixing Global Emissions: Choosing the Best Target Year](#)", *Energy Policy* **26**: 219-231, 1998.

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37. Yohe, G., Neumann, J. and Marshall, P., "[The Economic Damage Induced by Sea Level Rise in the United States](#)" in *The Impact of Climate Change on the United States Economy* (Mendelsohn, R. and Neumann, J., eds), Cambridge University Press, 1999.
38. Yohe, G. and Schimmelpfennig, D., "[Vulnerability of Agricultural Crops to Climate Change: A Practical Method of Indexing](#)" in *Global Environmental Change and Agriculture: Assessing the Impacts*, Edward Elgar Publishing, 1999.
39. Yohe, G., *Jacobsen, M., and *Gapotochenko, T., "[Spanning 'Not Implausible' Futures to Assess Relative Vulnerability to Climate Change and Climate Variability](#)", *Global Environmental Change* **9**: 233-249, 1999.
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41. Yohe, G. and Dowlatabadi, H., "[Risk and Uncertainties, Analysis and Evaluation: Lessons for Adaptation and Integration](#)", *Mitigation and Adaptation Strategies for Global Change* **4**: 319-329, 1999.

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46. Yohe, G., "[Integrated Assessment of Climate Change – the Next Generation of Questions](#)", *Climate Impact Research: Why, How, and When?* Akademie Verlag GmbH, Berlin, 2000, Joint International Symposium; see 1997.

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2001

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54. Banuri, T., Weyant, J., Akumu, G., Najam, A., Rosa, L., Rayner, S., Sachs, W., Sharma, R., **Yohe, G.**, “[Setting the Stage: Climate Change and Sustainable Development](#)”, Chapter 1 in *Climate Change 2001: Mitigation*, Cambridge University Press, 2001.

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57. Malone, T., and **Yohe, G.**, “[Knowledge Partnerships for a Sustainable, Equitable and Stable Civilization](#)”, *Journal of Knowledge Management*, **6**: 368-378, 2002.

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2004

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2005

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64. **Yohe, G.**, Schlesinger, M. and Andronova, N., “[Reducing the Risk of a Collapse of the Atlantic Thermohaline Circulation](#)” *Integrated Assessment* **20**: 1-17, 2005, ISSN: 1389-5176.

2006

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66. **Yohe, G.**, Malone, E., Brenkert, A., Schlesinger, M., Meij, H. and Xing, X., “[Global Distributions of Vulnerability to Climate Change](#)”, *Integrated Assessment Journal* **6**: 35-44, 2006.
67. **Yohe, G.**, Elizabeth Malone, E., Antoinette Brenkert, A., Schlesinger, M., Meij, H., Xing, X., and Lee, M., “[A Synthetic Assessment of the Global Distribution of Vulnerability to Climate Change from the IPCC Perspective that Reflects Exposure and Adaptive Capacity](#)”, 2006 CIESIN, Columbia University, New York, <http://sedac.ciesin.columbia.edu/mva/ccv/>.
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69. Tol, R. and **Yohe, G.**, “[On Dangerous Climate Change and Dangerous Emission Reduction](#)” (with Richard Tol) in *Avoiding Dangerous Climate Change* (Schellnhuber, H.J., Cramer, W. Nakicenovic, N. Wigley, T., and Yohe, G. eds.), Cambridge University Press, 2006.
70. **Yohe, G.**, Adger, N., Dowlatabadi, H., Ebi, K., Huq, S., Moran, D., Rothman, D., Strzepek, K., and Ziervogel, G., “[Recognizing Uncertainty in Evaluating Responses](#)”, Chapter 4 in *Ecosystems and Human Wellbeing: Volume 3 – Policy Responses*, Island Press, New York, 2006.
71. **Yohe, G.**, “[Some Thoughts on the Estimates Presented in the Stern Review – An Editorial](#)”, *Integrated Assessment Journal* **6**: 66-72, 2006, ISSN: 1389-5176.
72. Tol, R. and **Yohe, G.**, “[A Review of the Stern Review](#)”, *World Economy* **7**: 233-250, 2006.
73. **Yohe, G.** and Schlesinger, M., “The One-Percent Climate Policy”, *Hartford Courant*, June 2006.
74. **Yohe, G.**, Malone, E., Brenkert, A., Schlesinger, M., Mein, H., Xing, X. and Lee, D., “[A Synthetic Assessment of the Global Distribution of Vulnerability to Climate Change from the IPCC Perspective that Reflects Exposure and Adaptive Capacity](#)”, Palisades, New York: CIESIN (Center for International Earth Science Information Network), 2006.
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2007

76. **Yohe, G.**, “[Using Adaptive Capacity to Gain Access to the Decision-intensive Ministries](#)”, Chapter 13 in *Human-induced Climate Change: An Interdisciplinary Assessment* (Schlesinger, M., ed.), Cambridge University Press, 2007, ISBN-13: 9780521866033.
77. **Yohe, G.**, “[Lessons for Mitigation from the Foundations of Monetary Policy in the United States](#)”, Chapter 24 in *Human-induced Climate Change: An Interdisciplinary Assessment* (Schlesinger, M. ed.), Cambridge University Press, 2007, ISBN-13: 9780521866033.

78. **Yohe, G.** and Strzepek, K., “[Adaptation and Mitigation as Complementary Tools for Reducing the Risk of Climate Impacts](#)”, *Mitigation and Adaptation Strategies for Global Change* **12**: 727-739, 2007.
79. Tol, R., Ebi, K., and **Yohe, G.**, “[Infectious Disease, Development and Climate Change: A Scenario Analysis](#)”, *Environment and Development Economics* **12**: 687-706, 2007.
80. √ √ √ Tol, R. and **Yohe, G.**, “[The Weakest Link Hypothesis for Adaptive Capacity: An Empirical Test](#)”, *Global Environmental Change* **17**: 218-227, 2007.
81. **Yohe, G.** and Tol, R., “[The Stern Review: Implications for Climate Change](#)”, *Environment*, **40**: 36-41, March 2007.
82. **Yohe, G.**, Tol, R. and Murphy, D., “[On Setting Near-term Climate Policy while the Dust Begins to Settle: The Legacy of the Stern Review](#)”, *Energy and Environment* **18**: 621-633, 2007.
83. Tol, R.S.J. and **Yohe, G.**, “[Infinite Uncertainty, Forgotten Feedbacks, and Cost-Benefit Analysis of Climate Policy](#)”, *Climatic Change* **83**: 429-442, 2007.
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87. **Yohe, G.** and Lasco, R., “[Climate and Development Plans must be Combined](#)”, SciDev.Net, April 16, 2007.
88. **Yohe, G.**, “[A Roadmap for Implementing Adaptation Policy](#)”, *Tiempo Climate Newswatch*, April 2007.
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90. **Yohe, G.**, “[Thoughts on ‘The Social Cost of Carbon: Trends, Outliers and Catastrophes’](#)”, 2007.
91. **Yohe, G.**, Burton, I., Huq, S., and Rosegrant, M., “[Climate Change: Pro-poor Adaptation, Risk Management, and Mitigation Strategies](#)”, 2020 Focus Brief on the World’s Poor and Hungry People, Washington, DC: IFPRI, October, 2007.
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2008

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2009

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Other Professional Activities:

1. Member, Steering Committee and Executive Committee for the Human Dimensions of Global Environmental Change Research, International Social Science Council (ISSC), 1993 – 1994.
2. Lead Author for Chapters 2 (Methods and Tools), 18 (Adapting to Climate Change in the Context of Sustainable Development and Equity) and 19 (Synthesis) for the *Third Assessment Report of Working Group II of the Intergovernmental Panel on Climate Change* and Chapter 1 (Setting the Stage: Climate Change and Sustainable Development) for *Third Assessment Report of Working Group III of the Intergovernmental Panel on Climate Change*, 1998 – 2001. Consult <http://ipcc.ch>.
3. Convening Lead Author, Chapter 4, “Recognizing Uncertainty in Assessing Responses”, Report of the Policy Responses Working Group, Millennium Ecosystem Assessment, Island Press, 2005. Consult <http://www.millenniumassessment.org/en/index.aspx>.
4. Member of the Earth Science Applications and Societal Objectives Panel of the Earth Science and Applications from Space Panel of the Space Studies Board of the National Research Council of the National Academies, 2005 – 2006.
5. Member of the Board of Editors (with H.J. Schellnhuber, W. Cramer, N. Nakicenovic, and T. Wigley), for *Avoiding Dangerous Climate Change*, Cambridge University Press, 2005 – the Proceedings of the Symposium on Avoiding Dangerous Climate Change hosted by Tony Blair in Exeter, UK in February of 2005. Consult <http://www.cambridge.org/catalogue>.
6. Chair of a Global Forum on the Economic Benefits of Climate Change Policies hosted by the Organization for Economic Cooperation and Development, Paris, July 6-7, 2006; for papers and presentations, consult <http://www.oecd.org/env/cc/benefitsforum2006>.
7. Member of Climate Change Science Program Product Development Advisory Committee for the United States Department of Energy by the Secretary of Energy. 2006 – 2014.
8. Member of Council, Connecticut Academy of Science and Engineering, 2001-2007.
9. Convening Lead Author of Chapter 20 in the contribution of Working Group II to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change – “Perspectives on Climate Change and Sustainability”, 2004 – 2007. Consult <http://ipcc.ch>.
10. Member of the Core Writing Team for the Synthesis Report of the Fourth Assessment Report of the Intergovernmental Panel on Climate Change, 2005-2007. Consult <http://ipcc.ch>.
11. Testified before the Senate Foreign Relations Committee on the “Hidden (climate change) Cost of Oil” on March 30, 2006, the Senate Energy Committee on the *Stern Review* on February 14, 2007, and the Senate Banking Committee on “Material Risk from Climate Change and Climate Policy” on October 31, 2007.
12. Member of the Committee on the Human Dimensions of Global Change of the National Academy of Science, 2007 – present.
13. Member, Adaptation Subcommittee of the Governor’s (CT) Steering Committee on Climate Change, 2008-2010.
14. Member, National Research Council Committee on America’s Climate Choices: Panel on Adapting to the Impacts of Climate Change, 2008-2011.
15. Member, National Research Council Panel on Addressing the Challenges of Climate Change through the Behavioral and Social Sciences, 2009-2010.
16. Member, The Sustainability Leadership Council of the Green Education Foundation, June 2009 - present; see www.greeneducationfoundation.org.
17. Member, National Research Council Committee on Stabilization Targets for Atmospheric Greenhouse Gas Concentrations, 2009-2010.

18. Participated with our Chair as a representative of the Adaptation Panel in the prepublication briefings to the United States House of Representatives, the United States Senate, the National Oceanographic and Atmospheric Administration, the White House Office of Science and Technology Policy and the White House Council on Environmental Quality, May 18-19, 2010 in Washington, DC.
19. Member, Planning and Coordinating Committee for the National Adaptation Summit hosted in Washington, DC by the White House Office of Science and Technology Policy, the White House Council for Environmental Quality and the National Oceanographic and Atmospheric Administration, May 25-27, 2010, 2009-2010.
20. Co-editor-in Chief of *Climatic Change* with Michael Oppenheimer, August 2010-present.
21. Member, Climate Science Rapid Response Team (SCRRT) organized under the American Geophysical Union, November 2010-present.
22. Science Steering Group (SSG) for the IPCC Expert Meeting on Economic Analysis, Costing Methods, and Ethics that took place 22-24 June 2011 in Peru.
23. Lead Author for Chapters 1 and 18 for the contribution of Working Group II to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change, 2012-2014.
24. Vice Chair of the National Climate Assessment Development and Advisory Committee for the White House, April 2011-August 2014. The Assessment was “rolled out” by the White House on May 6, 2014.
25. Participated in Briefings for the Congress (Senate and then House of Representatives) upon the release of the National Climate Assessment, May 7, 2014).
26. Convening Lead Author for the Northeast Regional contribution to the National Climate Assessment.
27. Member of the Committee to Advise the United States Global Change Research Program, National Research Council and National Academies of Science, July 2011-2015.
28. Member of the Board on Environmental Change and Society (BECS), National Research Council and National Academies, January 2012 – January 2014.
29. Member, Nominating Committee of the American Economic Association, January 2014 – April 2014.
30. Member of the Expert Review Panel for “Risky Business” organized by Michael Bloomberg and a committee of authors that includes Hank Paulson, Robert Rubin, George Schulz, Olympia Snow, and others for the release of an assessment focusing on financial risk from climate Change, January 2014 until the present; release expected in June of 2014.
31. Member of the National Academy of Sciences, Engineering and Medicine Panel on the 2017-2027 Decadal Survey for Earth Science and Applications from Space; April 2016-present.
32. Member of the New York (City) Panel on Climate Change, August 2008 – present.
33. Appointed by the Chair of the National Research Council to the Committee for the Review of the Draft Fourth National Climate Assessment, November 2017-July 2018.
34. Participating Member of Science Defenders, January 1, 2019.

