

CURRICULUM VITAE

(as of December 31, 2021)

John P. Weyant

BACKGROUND

ADDRESSES

Room 260 Huang Engineering Center
Stanford University
Stanford, CA 94305-4121
(650) 723-3506

861 Allardice Way
Stanford, CA 94305
Phone (650) 303-7339 Email:weyant@stanford.edu

PROFESSIONAL INTERESTS

Application of quantitative methods to policy development and strategic planning.

ACADEMIC APPOINTMENTS

STANFORD UNIVERSITY

Professor – Dept. of Management Science and Engineering (1/2000 – present)
Professor- Engineering-Economic Systems and Operations Research (9/96-12/99)
Professor - Department of Engineering-Economic Systems (9/89-8/96)
Associate Professor - Department of Engineering-Economic Systems (9/84-8/89)
Senior Research Associate - Department of Operations Research (9/80-8/84)
Research Associate - Department of Operations Research (6/77-8/80)

EDUCATION

HARVARD UNIVERSITY:

Postdoctoral Fellow - John F. Kennedy School of Government
Research Topic: Quantitative Models in Energy Policy

UNIVERSITY OF CALIFORNIA, BERKELEY:

Doctor of Philosophy - Management Science
Minor Fields: Economics, Operations Research, Organization Theory

RENSSELAER POLYTECHNIC INSTITUTE:

Master of Science in Operations Research and Statistics
Master of Science in Management
B.S. in Aeronautical Engineering and Astronautics

RESEARCH EXPERIENCE

STANFORD UNIVERSITY

PROGRAM ON COUPLED HUMAN AND EARTH SYSTEMS: Cutting edge research on uncertainty, technology dynamics, and fine scale climate impacts, model diagnostics development, and scenario ensemble construction for IAM community- Co-Lead PI with Karen A. Fisher-Vanden (PSU) (25 PIs at 10 institutions): 8/10-present

ENERGY MODELING FORUM: The EMF conducts systematic comparative studies of energy-economic models applied to policy problems of current interest.

Director (9/84-present)

Executive Director (J.L. Sweeney, Director): 1/83 - 8/84

Deputy Director (J.L. Sweeney, Director): 12/79 - 12/82

Associate Director (J.L. Sweeney, Director): 8/78 - 11/79

Research Staff (W.W. Hogan, Director): 6/77 - 11/79

SNOWMASS SUMMER WORKSHOPS ON INTEGRATED ASSESSMENT OF CLIMATE CHANGE: Inter-disciplinary workshops on critical issues for integrated assessment - 6/95-

PRECOURT INSTITUTE FOR ENERGY EFFICIENCY:

Deputy Director (J.L. Sweeney, Director): 9/07-present

GLOBAL CLIMATE AND ENERGY PROJECT

Staff (Lynn Orr, Director): 9/02-9/06

GENERAL MOTORS COLLABORATIVE LABORATORY ON WORK SYSTEMS

Co-Director (With Arthur Veinott): 9/00-9/03

INTERNATIONAL ENERGY PROGRAM: The IEP conducted studies on international energy policy issues of current interest.

Research Staff (A.S. Manne, Director): 7/81 - 8/85

Research Staff (H.S. Rowen, Director): 9/77 - 6/81

COMBINING ENERGY MODELS PROJECT: The CEM project attempted to develop a set of rules for the combination of energy models of different types.

Research Staff (W.W. Hogan & L.J. Lau, Principal Investigators): 8/77 - 4/81

HARVARD UNIVERSITY

ENERGY AND ENVIRONMENTAL POLICY CENTER: 4/76 - 6/77

RAND CORPORATION (Summer Internships)

Air Force Energy Problems (for J.R. Gebman): 6/75 - 3/76

Air Force R&D Planning (for G.K. Smith): 6/74 - 9/74

Air Quality Modeling (for J.R. Gebman): 6/72 - 9/72

Aerodynamics Computer Module (for G.K. Smith): 6/70 - 9/70

U.C., BERKELEY

ENERGY & RESOURCES PROGRAM:

Post Graduate Researcher (J.P. Holden, Director): 9/74-6/75

OPERATIONS RESEARCH CENTER:

Postgraduate Researcher (R.C. Grinold, Director): 10/72-12/73

TEACHING EXPERIENCE

STANFORD UNIVERSITY

COURSES TAUGHT:

Energy Policy and Strategy Modeling (EES 283 & EES&OR 483 & MS&E 473)
1979 – 2001

International Environmental Policy (MS&E 92Q): 2001-present

Policy and Strategy Analysis (MS&E 190): 2006-2009

Public Policy Analysis (MS&E 290): 2000-2006 (with William Perry)

Climate Policy Analysis (MS&E 294): 2004-2017

Energy Policy Analysis (MS&E 295): 2005-2018

Advanced Modeling Methods for Climate and Energy Policy: 1019-present

Doctoral Research Seminar in Advanced Energy and Environmental Analysis
(MS&E 391): 2011-present.

Entrepreneurship through the Lens of Venture Capital
(MS&E 476): 2014-2018 (with Ernestine Fu)

The Energy Seminar
(MS&E 494): 2014-present

Entrepreneurship from Business to Government
(MS&E 477): 2015-2017 (with Ernestine Fu)

Seminar on Business & Technology

Department of Engineering-Economic Systems 1987 – 1993

Models and Applications of Operations Research in Society (O.R. 50/150)

Department of Operations Research 1979-1980

Contingency Planning – The World Oil Market
(O.R. 348 A, B, and C, with A. S. Manne)

Department of Operations Research 1981 – 1982

Financial Decisions, IE 235

Department of Industrial Engineering

Winter 1990, Fall 1990, Winters 1993, 1994 & 1995

DISSERTATION COMMITTEES (Total – 217; Principal Adviser – 46):

Principal Advisees (Completed Only)

Gregory Hamm (Engineering-Economic Systems – 1986)

Xia Shi (Engineering-Economic Systems – 1989)

Douglas Robinson (Engineering-Economic Systems – 1990)

Peter Lilienthal (Engineering-Economic Systems- 1991)

Hean-Lee Poh (Engineering-Economic Systems -1991)

Sylvia Kwan (Engineering-Economic Systems – 1994)

Eric Johnson (Engineering-Economic Systems – 1994)

Ming-Fai Sit (Engineering-Economic Systems – 1994)

Elisabeth Browne (Engineering-Economic Systems – 1995)
Thomas Hoff (Engineering-Economic Systems and Operations Research – 1996)
Robert Earle (Engineering-Economic Systems and Operations Research – 1996)
Chi-Peng Chu (Engineering-Economic Systems and Operations Research – 1996)
Shu-Cheng Liu (Engineering-Economic Systems and Operations Research – 1997)
Enrique Garza-Escalante (Eng.-Economic Systems and Operations Research- 1998)
Quingxuan Meng (Engineering-Economic Systems and Operations Research – 1998)
Michael Hsu (Engineering-Economic Systems and Operations Research – 1999)
Akira Maeda (Engineering-Economic Systems and Operations Research – 1999)
Karen (Cushing) Sepucha (Eng.-Economic Systems and Operations Research – 1999)
Karl Knapp (Eng.-Economic Systems and Operations Research – 1999)
Kevin Zhu (Eng.-Economic Systems and Operations Research – 1999)
Antje Kann (Eng.-Economic Systems and Operations Research – 2000)
Wenlong Weng (Eng.-Economic Systems and Operations Research – 2001)
Michelle Freed (Eng.-Economic Systems and Operations Research – 2001)
John McConnell (Eng.-Economic Systems and Operations Research – 2001)
Erin Baker (Eng.-Economic Systems and Operations Research – 2002)
Jochen Kleinknecht (Eng.-Economic Systems and Operations Research – 2002)
Kazuhiro Ninomiya (Management Science and Engineering – 2003)
Tao Yao (Management Science and Engineering – 2005)
Albert Whangbo (Management Science and Engineering – 2005)
Geoff Blanford (Management Science and Engineering – 2006)
Oytun Eskiyyenturk ((Management Science and Engineering – 2006)
Leslie Holmes Hummel (Interdisciplinary Program on Environment and Resources-2006)
Katherine Calvin (Management Science and Engineering-2007)
Dhruv Sharma (Management Science and Engineering -2010)
Nikit Abhyankar (Interdisciplinary Program on Environment and Resources -2013)
Danny Cullenward (E-IPER & JD Stanford Law School- 2013)
John Bistline (Management Science and Engineering – 2013)
Jordan Wilkerson (Management Science and Engineering – 2014)
Delavane Diaz (Management Science and Engineering – 2015)
Ben Leibowicz (Management Science and Engineering – 2016)
Karim Farhat (Management Science and Engineering – 2016)
Lauren Culver (Management Science and Engineering – 2017)
James Merrick (Management Science and Engineering – 2018)
Heid von Korff (Civil & Environmental Engineering – 2019)
Chikara Onda (Emmet-Interdisciplinary Program on Environment and Resources -2020)
Patricia Levi (Management Science and Engineering – 2021)

ENGINEER'S THESIS ADVISEES (3):

Teodoro Myslabodski (Operations Research)
Anousheh Alamzad (Engineering-Economic Systems)
Vincent Lui (Engineering-Economic Systems and Operations Research)

OTHER ACTIVITIES

MAJOR ADVISORY BOARDS AND COMMITTEE MEMBERSHIPS

- N.R.C. Committee on Nuclear and Alternative Energy Systems (1975-77)
- The Institute for the Future – Advisory Board on NSF Interactive Modeling (1978-82)
- Scientists’ Institute for Public Information – Oil Emergency Task Force (1980)
- Energy Research Commission of Sweden-Research Program Evaluation Comm. (1982-84)
- Office of Technology Assessment – Advisory Board on U.S. Gas Supply (1983-84)
- Chairman: E.P.A. Peer Review Panel on Acid Deposition Research (1983-87)
- Advisory Board – Electric Power Research Institute Visibility Valuation Project (1983-87)
- National Academy of Sciences: Committee on the Gas Research Institute (1985-87)
- Advisory Board on Utility Model Reviews, California Public Utilities Commission (1986-89)
- Peer Reviewer Final Assessment Report-National Acid Precipitation Assessment Prog. (1990)
- Secretary of Energy Advisory Board (1992-1993)
- Nat. Renewable Energy Lab., Analytic Studies Division Advisory Board (1993-1996)
- Convening Lead Author: Intergovernmental Panel on Climate Change Second Assessment Report, Chapter on Integrated Assessment– Working Group III on Economic and Social Dimensions (1993-1995)
- Lead Author: The Contribution of the Social Sciences to Global Climate Change Policy: A State of the Art Report (1993-1996)
- Director: Snowmass Workshops on Climate Change Impacts and Integrated Assessment (1995-)
- Advisory Board, Consortium on International Earth Sciences Information Network (1995-2002)
- Lead Author, Intergovernmental Panel on Climate Change, Special Report on Emissions Scenarios (1996-1998).
- Advisory Board: Yale/National Bureau of Economic Research Program on Economics and Policy Issues in Global Warming National Science Foundation Center (1996-2005)
- Adviser: National Institute for Environmental Studies, Japan (1997-)
- Chairman: External Review Panel- Electric Power Research Institute: Environment Division
- Coordinating Lead Author, Intergovernmental Panel on Climate Change, Third Assessment Report, Working Group II on Climate Impacts and Working Group III on Climate Change Mitigation (1998-2001).
- Independent Expert Review Panel, Energy Information Administration Report on Likely Costs and Energy Sector Impacts of the Kyoto Protocol on Climate Change Policy, Report Prepared for the U.S. House of Representatives Committee on Science (1998).
- Chairman, Lawrence Berkeley Laboratory, Director’s Review Panel, Environmental Energy Technologies Division (1998, 2003, 2008, 2011, 2015).
- Co-founder, The Boathouse Group of Climate Negotiators fro the twelve largest carbon emitting countries (2003-).
- Review Editor, Intergovernmental Panel on Climate Change, Assessment Report Number Four, (2004-2007).
- California Air Resources Board, (ARB) –Economic and Technology Advancement Advisory Committee (ETAAC) (2007-).

- World Bank – Academic Advisory Board for World Development Report on Climate Change – 2010.
- Chairman, Scientific Advisory Board, European Commission’s AMPERE Project on Integrated Assessment Model Diagnostics.
- Steering Committee, Latin American Modeling Project
- Member: Economic and Technology Advancement Advisory Committee to the California Air Resources Board on Implementation of AB32 the Climate Solutions Act of 2006
- American Statistical Association Review Committee, the Energy Information Administration – U.S. Department of Energy (2006-2012) (2015-).
- Co-Editor in Chief , Energy Economics
- Editorial Board, The Energy Journal
- Chairman: Scientific Steering Committee of the Integrated Assessment Modeling Consortium (IAMC) - 50 International Member Institutions (2007-present).
- National Académie of Sciences Comite on America’s Climate Choices; Advancing the Science of Climate Change, Board on Atmospheric Sciences and Climate, National Academy of Sciences (2008-2010).
- Review committee member and chair: International Institute for Applied Systems Analysis.
- Participant, Forums on Global Change, Joint Program on the Science and Economics of Global Change, Massachusetts Institute of Technology.
- Adviser: National Institute for Environmental Studies, Japan.
- Member, Steering Committee, The International Project on “Developing a Technology Strategy for Dealing With Climate Change,” Lead by Pacific Northwest National Laboratory for An International Consortium of Government and Industry Sponsors.
- Review Editor, Inter-Governmental Panel on Climate Change Report Number Five, (2010-2013).
- Chairman, Scientific Advisory Board, European Commission’s ADVANCE Project on Cutting Edge Research for Integrated Assessment Modeling.
- Chairman, Scientific Advisory Board, European Commission’s Climate and Development Linkages (CD-LINKS) Project on Cutting Edge Research for Integrated Assessment Modeling.
- Biological and Environmental Research Advisory Board, Office of Science, U.S. Department of Energy (2014-).
- National Academy of Sciences Committee on Valuing Climate Damages: Updating Estimation of the Social Cost of Carbon Dioxide, Board on Atmospheric Sciences and Climate, National Academy of Sciences (2015-2017).

OTHER UNIVERSITY ACTIVITIES

Freeman Spogli Institute for International Studies
SENIOR FELLOW (1998-2012)

Woods Institute for the Environment
SENIOR FELLOW (2007-2016)

Precourt Institute for Energy
SENIOR FELLOW (2010-)

Northeast Asia - United States Forum on International Policy
FELLOW (1982 - 1985)

Engineering Library Committee
MEMBER 1986-1995
CHAIRMAN 1988-1991

University Committee on Libraries
MEMBER 1988-1991

OFFICES IN PROFESSIONAL SOCIETIES

President, Northern California Chapter-International Association of Energy Economists
Vice President, U.S. Institute of Energy Economics
Vice President, International Association for Energy Economics
Chairman, IAEE Nominating Committee for 1989
Selection Committee – Best Paper in the Energy Journal for 1997 - 1998

CONSULTING

Rand Corporation
Electric Power Research Institute
U. S. Department of Energy
Environmental Protection Agency
Pan Heuristics
Applied Decision Analysis
Science Applications, Inc.
Charles River Associates
U.S. Arms Control and Disarmament Agency
United States Synthetic Fuels Corporation
National Acid Precipitation Assessment Program
California Energy Commission
Federal Trade Commission

MAJOR HONORS and AWARDS

STANFORD UNIVERSITY

Outstanding Contributions to the Profession Award for 2017, International Association for Energy Economics (Maximum One Award per Year)

Adelman Frankel Award for 2008, U.S. Association for Energy Economics, for Unique and Enduring Contributions to the Field (Maximum One Award per Year)

Nobel Peace Prize, 2007, Significant Contributions to the Intergovernmental Panel on Climate Change Award.

HARVARD UNIVERSITY:

POSTDOCTORAL FELLOW, National Science Foundation, Harvard University (1976-1977)

UNIVERSITY OF CALIFORNIA, BERKELEY:

REGENTS FELLOW (1972-1974)

DISTINCTION Plus, Ph.D. Qualifying Examination in Economic Theory (June 1973)

DISTINCTION Plus, Ph.D. Qualifying Examination in Operations Research (September 1973)

DISTINCTION Plus, Ph.D. Qualifying Examination in Management Science (Dec. 1973)

PUBLICATIONS

JOURNAL ARTICLES

R.C. Grinold and J.P Weyant (1976). "The Transition Fractions in Organizational Manpower Planning Models," Behavioral Science, Vol. 21, No. 4, pp. 240-251.

J.P. Weyant (1978). "A Comparative Analysis of Three of ERDA's Major R & D Programs Energy - The International Journal, Vol. 3, No. 6, pp. 747-768.

J.L. Sweeney and J.P Weyant (1978/79). "The Energy Modeling Forum: Past, Present, and Future," Journal of Business Administration, Vol. 10, Nos. 1 and 2, pp. 295-320.

A.S. Manne, R.G. Richels and J.P Weyant (1979). "Energy Policy Modeling: A Survey," Operations Research, January/February (feature article), Vol. 27, No. 1, pp. 1-36.

J. P. Weyant, "Quantitative Models in Energy Policy (1980)," Policy Analysis, Published by the University of California, spring 1980, pp. 211-234.

H.S. Rowen and J.P Weyant (1981). "Oil and National Security: An Integrated Program for Surviving an Oil Crisis," Annual Review of Energy, Vol. 6, pp. 171-198.

W.W. Hogan, J.L. Sweeney and J.P. Weyant (1981). "Aggregate Elasticity of Energy Demand," The Energy Journal, Vol. 2, No. 2, April, pp. 37-76.

B. Ball, J. Houghton, J.L. Sweeney and J.P. Weyant (1981). "U.S. Oil and Gas Supply," in J.B. Ramsey, ed., The Economics of Exploration for Natural Resources, Contemporary Studies in Economic and Financial Analysis, Vol. 26, pp. 119-149.

Theodore Myslabodski and J.P. Weyant (1981). "Managing an Oil Bonanza: An Analysis of Alternative Mexican Export Policies," Energy Policy, September, Vol. 9, No. 3, pp. 186-196.

H.S. Rowen and J.P. Weyant (1981). "Will Oil Prices Collapse?" Challenge; The Magazine of Economic Affairs, November/December, Vol. 24, No. 5, pp. 11-17.

D.M. Kline and J.P. Weyant (1982). "Reducing Dependence on Oil Imports," Energy Economics, January, Vol. 4, No. 1, pp. 51-64.

H.S. Rowen and J.P. Weyant (1982). "Reducing the Economic Impacts of Oil Supply Interruptions; An International Perspective," The Energy Journal, January (feature article), Vol. 3, No. 1, pp. 1-34.

W.W. Hogan and J.P. Weyant (1982). "Combined Energy Models," in J. R. Moroney, editor, Formal Energy and Resource Models, Advances in the Economics of Energy and Resources, Vol. 4, pp. 117-150.

H.G. Huntington, J.L. Sweeney and J.P. Weyant (1982). "Modeling for Insights, Not Numbers; The Experiences of the Energy Modeling Forum," OMEGA; The International Journal of the Management Sciences, August, Vol. 10, No. 5, pp. 449-462.

J.P. Weyant and D.M. Kline (1982). "Policies to Reduce OECD Vulnerability to Oil Supply Disruptions," Energy - The International Journal, December, Vol. 7, No. 6, pp. 199-211.

J.P. Weyant (1982). "OPEC and the Oil Glut: Outlook for Oil Export Revenues during the 1980s and 1990s" OPEC Review, winter, Vol. VI, No. 4, pp. 333-364.

W.W. Hogan and J.P. Weyant (1983). "Methods and Algorithms for Combining Energy Models; Optimization in a Network of Process Models," in B. Lev, editor, "Energy Models and Studies," Studies in Management Science and Systems, Vol. 20, pp. 3-43.

J.P. Weyant and D.M. Kline (1983). "Key Determinants of Optimal Oil Import Tariffs; An International Perspective," Energy Policy, June, Vol. 11, No. 2, pp.101-118.

J.P. Weyant (1983). "Reducing the Economic Impacts of Oil Supply Interruptions; Reply," The Energy Journal, April, Vol. 4, No. 2, pp. 59-61.

J.P. Weyant (1983). "The Energy Crisis is Over ... Again?" Challenge: The Magazine of

Economic Affairs, September/October, Vol. 26, No. 4, pp. 12-17.

J.P. Weyant (1983). "Comment on the International Energy Agency's World Energy Outlook," The Energy Journal, Vol. 4, No. 4, pp. 91-94.

J.P. Weyant (1984). "The Continuing Threat of Oil Supply Interruptions," Journal of Policy Analysis and Management, Vol. 3, No. 3, pp. 393-405.

T.E. Daniel, H.G. Goldberg, and J.P. Weyant (1984). "Canadian Gas Exports to the U.S.; A Monopolistic Intertemporal View," The Energy Journal, October, Vol. 5, No. 4, pp. 21-34.

A.S. Manne, J.P. Weyant, C. Nelson, and R. So (1985). "A Contingency Planning Model of the International Oil Market," Applications of Management Science, Vol. 4, pp. 1-35.

S.C. Peck and J.P. Weyant (1985). "Electricity Growth in the Future," The Energy Journal, Vol. 6, No. 1, January, pp. 23-43.

J.P. Weyant (1985). "General Economic Equilibrium as a Unifying Concept in Energy-Economic Modeling," Management Science, May, Vol. 31, No.5, pp. 548-563.

J.P. Weyant (1985). "Using Data Analysis and Modeling in Planning," Petroleum Management, July, Vol. 7, No. 7, pp. 35-37.

J.P. Weyant (1986). "The Price Collapse of '86," Petroleum Management, June, Vol. 8, No.6, pp. 20-23.

M.A. Beltramo, A.S. Manne, and J.P. Weyant (1986). "A North American Gas Trade Model: GTM," The Energy Journal, June, Vol. 7, No. 3, pp. 15-32.

S.C. Peck, D.K. Bosch, and J.P. Weyant (1988). "Industrial Energy Demand: A Simple Structural Approach," Resources and Energy, June, Vol. 10. No. 2, pp.111-134.

J.P. Weyant (1988). "Is There Policy-Oriented Learning in the Analysis of Natural Gas Policy Issues?" Policy Sciences, Vol. 21, pp. 239-261.

T.A. Kuczmowski and J.P. Weyant, editors (1990). "Energy Modeling for an Uncertain Future: Modeling for Policy Development," Part I of Special Issue of Energy - The International Journal, March/April, Volume 15, Number 3/4.

T.A. Kuczmowski and J.P. Weyant, editors (1990). "Energy Modeling for an Uncertain Future: Models for Decision Making," "Engineering-Economic Modeling: Energy Systems," Part II of Special Issue of Energy - The International Journal, May/June, Volume 16, Number 1/2.

J.P. Weyant (1990). "Application of Models in the Process of Legislation," Energy: The International Journal, April, Vol. 15, No. 3/4, pp. 187-201.

J.P. Weyant (1990). "Policy Modeling: An Overview," Energy: The International Journal, April, Vol. 15, Nos. 3/4, pp. 203-206.

J.P. Weyant (1990). "Integrated Models," Energy: The International Journal, June 1990, Vol. 15, No. 4, pp. 341-345.

J.P. Weyant (1990). "Energy-Economy Models: A Survey," Energy: The International Journal, June 1990, Vol. 15, No. 4, pp. 387-395.

D.W. Gaskins and J.P. Weyant (1993). "Model Comparisons of the Costs of Reducing CO₂ Emissions," American Economic Review, May, Volume 83, Number 2, pp. 318-323.

J.P. Weyant (1993). "Costs of Reducing Global Carbon Emissions," Journal of Economic Perspectives, Vol. 7, No. 4, fall, pp. 27-46.

J.P. Weyant (1996). "Commentary on the IPCC Energy Assessment," Energy Policy, Vol. 24, Nos. 10/11, October/November, pp. 1005-1008.

J.P. Weyant and Thomas Olavson (1999). "Issues in Modeling Induced Technological Change in Energy, Environment, and Climate Policy," Journal of Environmental Management and Assessment, Vol. 4, pp. 67-85.

J.P. Weyant and Jennifer Hill (1999). "Introduction and Overview of The Costs of the Kyoto Protocol: A Multi-Model Evaluation," The Energy Journal, Special Issue, pp. vii-xiv.

H.S. Rowen and J.P. Weyant (1999). "Staying Cool About Global Warming," The National Interest, No. 57, Fall, pp. 87-93.

Antje Kann and J.P. Weyant (1999). "A Comparison of Approaches for Performing Uncertainty Analysis in Integrated Assessment Models," Journal of Environmental Management and Assessment, Vol. 5, No. 1, pp. 29-46.

T. Hoff, C. Herig, H. Wenig, and J.P. Weyant (2001). "Reduce, Reuse, Renew: One Possible Approach to Cutting Carbon Emissions," International Journal of Global Energy Issues, Vol. 15, Issue. 1-2, February, pp. 73-83

J. Hartmann, K. Ebi, K.J. McConnell, N. Chan and J.P. Weyant (2002). "Climate Suitability for Stable Malaria Transmission in Zimbabwe under Different Climate Change Scenarios," Global Change and Human Health, Vol. 3, No. 1, pp. 2-14.

Kevin Zhu and J.P. Weyant (2003). "Strategic Exercise of Real Options: Investment Decisions in Technological Systems," Journal of Systems Science and Systems Engineering, Vol. 12, No. 3, September, pp. 257-278.

- Kevin Zhu and J.P. Weyant (2003). “Strategic Decisions of New Technology Adoption Under Asymmetric Information: A Game Theoretic Model,” Decision Sciences, Vol. 34, No. 4, pp. 643-675.
- John P. Weyant, editor (2004). “EMF 19: Alternative Technology Strategies for Climate Change Policy,” Energy Economics, Special Issue, Vol. 26, No. 4, pp. 501-755.
- John P. Weyant (2004). “Introduction to Alternative Technology Strategies for Climate Change Policy,” Energy Economics, Special Issue, Vol. 26, No. 4, pp. 501-525.
- Kristie L. Ebi, Jessica Hartman, Nathan Chan, John McConnell, Michael Schlesinger and John Weyant (2005). “Climate Suitability for Stable Malaria Transmission in Zimbabwe under Different Climate Change Scenarios,” Climatic Change, Vol. 73, No. 3, pp. 375-393.
- Detlef van Vuuren, John Weyant, and Francisco de la Chesnaye (2006). “Multigas Scenarios to Stabilize Radiative Forcing,” Energy Economics, Vol. 28, No. 1, January, pp. 102-120.
- Erin Baker, J.P. Weyant and L.G. Clarke (2006). “Optimal Technological R&D in the Face of Climate Uncertainty.” Climatic Change, Vol.78, No. 1, September, pp. 157-179.
- Leon Clarke, John Weyant, and Alison Birky (2006). “On the Sources of Technological Advance: Assessing the Evidence,” Energy Economics, Vol. 28, No. 5-6, November, pp. 579-595.
- Leon Clarke, John Weyant, Jae Edmonds (2006). “The Sources of Technological Advance: What do the Models Assume?” Energy Economics, In Press.
- Jae Edmonds, Tom Wilson, Marshall Wise and John Weyant (2006). “Electrification of the Economy and CO₂ Emissions Mitigation,” Environmental Economics and Policy Studies, Vol. 7, pp. 175-203.
- John P. Weyant, Francisco C. de la Chesnaye, and Geoff J. Blanford (2006). “Overview of EMF-21: Multigas Mitigation and Climate Policy,” in Special Issue of The Energy Journal, Francisco C. de la Chesnaye and John P. Weyant, editors, December, pp. 1-32.
- John P. Weyant (2007). “Comment on Alternative Measures of Output in Global Economy-Environmental Models: Purchasing Power Parity or Market Exchange Rates,” Energy Economics, Vol. 29, No. 3, May, pp. 375-377.
- John P. Weyant (2008), “A Critique of the Stern Review's Mitigation Cost Analyses and Integrated Assessment” Review of Environmental Economics and Policy, 2: 77-93
- Sonia Yeh, Alex Farrell, Richard Plevin, Alan Sanstad and John Weyant (2008). “Optimizing U.S. Mitigation Strategies for the Light-Duty Transportation Sector: What We Learn from a Bottom-Up Model,” Environ. Sci. Technol., 42 (22), pp 8202–8210.

John P. Weyant (2009). A Perspective on Integrated Assessment, Climatic Change, 95:317-323.

Allen A. Fawcett, Katherine V. Calvin, Francisco C. de la Chesnaye, John M. Reilly, John P. Weyant (2009). “ Overview of EMF 22 U.S. Transition Scenarios,” Energy Economics, Vol. 31, Supplement 1, Pages S198-S211, Available online 28 October.

Leon Clarke, John Weyant (2009). Energy Economics, Introduction to the EMF 22 Special Issue on Climate Change Control Scenarios, Vol. 31, Supplement 1, Page S63, Available online 26 October.

Richard H. Moss, ..., John P. Weyant. (2010). The Next Generation of Scenarios for Climate Change Research and Assessment, Nature, Vol. 463, No. 7282, 11 February, pp 747-756.

Detlef P. van Vuuren, James A. Edmonds, Mikiko Kainuma, Keywan Riahi and John P. Weyant (2011) Special Issue: The Representative Concentration Pathways in Climatic Change, Climatic Change:109:1-2, 241 pp. Introduction and Overview paper plus editor of whole volume.

John P. Weyant (2011). Accelerating the development and diffusion of new energy technologies: Beyond the “Valley of Death”, Energy Economics, Volume 33(4): 674-682.

Pamela. A. Matson, Thomas Dietz..., John P. Weyant, et al. (2010), America’s Climate Choices: Advancing the Science of Climate Change, Board on Atmospheric Sciences and Climate, National Academy of Sciences.

Tao Yao, John Weyant, Baichun Feng (2011). “Competing or Coordinating: IT R&D Investment Decision Making Subject to Information Time Lag”, Information Technology and Management, Vol. 12 (3), 213-228.

Leon.E. Clarke, Volker. Krey, and John.P. Weyant (2012), “Regional Energy System Variation in Global Models: Results From the Asian Modeling Exercise Scenarios,” Energy Economics, Volume 34 Supplement 3: S293–S305.

Christoff Böhringer, C., Thomas.F. Rutherford, Edward J. Balistreri and John P. Weyant (2013), “Introduction to the EMF 29 Special Issue on the Role of Border Carbon Adjustment in Unilateral Climate Policy,” Special Issue of Energy Economics, Volume 34, Supplement 2: S95-S250.

John E. Bistline and John P. Weyant (2013), “Electric Sector Investments under Technological and Policy-Related Uncertainties: A Stochastic Programming Approach,” Climatic Change, November, 121(2): 143–160.

John P. Weyant, Brigitte Knopf, Enrica De Cian, Ilka. Keppo, and Detlef P. van Vuuren (2013), “Introduction to the EMF 28 Study on Scenarios for Transforming the European Energy

System,” Climate Change Economics, Vol. 4, Suppl. 1. (Also, editors of whole special issue volume).

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