

# Stanford PROFILES



## John Weyant

PROFESSOR (RESEARCH) OF MANAGEMENT SCIENCE AND ENGINEERING AND SENIOR FELLOW AT THE PRECOURT INSTITUTE FOR ENERGY

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## Bio

John P. Weyant is Professor of Management Science and Engineering, Director of the Energy Modeling Forum (EMF) and Deputy Director of the Precourt Institute for Energy Efficiency at Stanford University. He is also a Senior Fellow of the Precourt Institute for Energy and an affiliated faculty member of the Stanford School of Earth, Environment and Energy Sciences, the Woods Institute for the Environment, and the Freeman-Spogli Institute for International Studies at Stanford. His current research focuses on analysis of global climate change policy systems and analysis, energy efficiency analysis, energy technology assessment, and models for strategic planning.

Weyant has been a convening lead author or lead author for the Intergovernmental Panel on Climate Change for chapters on integrated assessment, greenhouse gas mitigation, integrated climate impacts, and sustainable development, and most recently served as a review editor for the climate change mitigation working group of the IPCC's forth assessment report. He was also a founder and serves as chairman of the Integrated Assessment Modeling Consortium (IAMC), a five year old collaboratory with 53 member institutions from around the world. He has been active in the U.S. debate on climate change policy through the Department of State, the Department of Energy, and the Environmental Protection Agency. In California, he is a member of the California Air Resources Board's Economic and Technology Advancement Advisory Committee (ETAAC) which is charged with making recommendations for technology policies to help implement AB 32, The Global Warming Solutions Act of 2006.

Weyant was awarded the US Association for Energy Economics's 2008 Adelman-Frankel award for unique and innovative contributions to the field of energy economics. Weyant was honored in 2007 as a major contributor to the Nobel Peace prize awarded to the Intergovernmental Panel on Climate Change and in 2008 by Chairman Mary Nichols for contributions to the to the California Air Resources Board's Economic and Technology Advancement Advisory Committee on AB 32.

### Fields of Specialization:

Energy/Environmental Policy Analysis, Strategic Planning

### Interests:

Weyant's research focuses on global climate change systems and policy analysis, energy security analysis, Japanese energy policy, and methods for strategic planning.

## Academic Appointments

Professor (Research), Management Science and Engineering

Senior Fellow, Precourt Institute for Energy  
Deputy Director, Precourt Energy Efficiency Center  
Affiliate, Stanford Woods Institute for the Environment

## Honors & Awards

Nobel Peace Prize, Significant Contributions to the Intergovernmental Panel on Climate Change Award, Intergovernmental Panel on Climate Change (2007)  
Adelman Frankel Award for 2008 for Unique and Enduring Contributions to the Field, U.S. Association for Energy Economics, (2008)  
Outstanding Contributions to the Profession Award for 2017,(Maximum One Award per Year), International Association for Energy Economics (2017)

## Professional Education

MS, Rensselaer Polytechnic Institute, Operations Research and Statistics (1970)  
MS, Rensselaer Polytechnic Institute, Aero. Eng. and Astronautics (1970)  
PhD, UC Berkeley, Management Science (1976)

## CONTACT

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