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## Education

1960 B.A. Trinity University  
1967 M.A. Syracuse University  
1969 Ph.D. Syracuse University

## Research Interests

Realizing sustainable development.  
Relationships between society and technology.  
Responses to concerns about global environmental change.  
Energy and environmental policy analysis, including technology assessment; regional assessment; environmental, social, and economic impact assessment; R&D policy.  
Institution-building, especially for R&D activities and for energy and environmental policymaking and decisionmaking.  
Geographic scale as an issue in sustainability science, including roles of cross-scale interactions.  
Regional development, particularly problems of developing regions and cross-cultural comparisons of determinants.

## Employment History

1987-present Corporate Research Fellow and Leader, Global Change and Developing Country Programs, Oak Ridge National Laboratory  
1998-present Associate, Belfer Center for Science and International Affairs, Harvard University  
200-2002 Acting Co-Director, Oak Ridge Center for Advanced Studies  
1983-present Adjunct Professor of Geography, University of Tennessee  
1980-1987 Associate Director and Head of Programs and Planning, Energy Division, Oak Ridge National Laboratory  
1980-1981 Acting Director, Energy Division, Oak Ridge National Laboratory  
1977-1980 Senior Planner, Energy Division, Oak Ridge National Laboratory  
1974-1977 Research Fellow, Science and Public Policy Program, The University of Oklahoma  
1973-1977 Associate Professor and Chair, Department of Geography, The University of Oklahoma  
1973 Research Director, Syracuse-Yugoslav Project on Environmental Policy and Planning, Ljubljana, Yugoslavia  
1971-1972 Executive Director, Urban Transportation Institute, Syracuse University  
1969-1973 Assistant Professor of Geography, Syracuse University  
1969 Lecturer in Geography, Syracuse University

**Professional Service/Activities**

- Member - Science Steering Group, U.S. Carbon Cycle Program
- Co-author - scaling chapter of conceptual framework report, Millennium Ecosystem Assessment, UN Environment Programme et al.
- Member - IPCC Working Group II (Impacts, Adaptation, and Vulnerabilities), Third Assessment Report; lead author of chapter 7 (human settlements, energy, and industry) and of the synthesis report and summary for policymakers
- Member - Advisory Committee, Human-Environmental Research Observatories, NSF-supported national program led by the Pennsylvania State University
- Coordinator - Inter-regional Forum, U.S. National Assessment of Vulnerabilities to Climate Variability and Change
- Member - Board on Earth Sciences and Resources, National Academy of Sciences/National Research Council
- Member - Committee on Human Dimensions of Global Change, National Academy of Sciences/National Research Council
- Member - Panel on Public Participation in Environmental Assessment and Decision Making, National Academy of Sciences/National Research Council

**Publications**

- Wilbanks, T.J. 1002. Geography and Technology, in *Technology and Geography: A Social History*, S. Brunn, S. Cutter, J. Harrington (eds.), Dordrecht: Kluwer.
- Wilbanks, T.J., et al. 2003. Possible Responses to Global Climate Change: Integrating Mitigation and Adaptation. *Environment* 45(5):28-38.
- Wilbanks, T.J. and R. Kates. 2003. Making the Global Local: Responding to Climate Change Concerns from the Bottom Up. *Environment* 45(3):12-23.
- Wilbanks, T.J., and D. Capistrano, et al. 2003. Dealing with Scale, Conceptual Framework, Millennium Ecosystem Assessment, Kuala Lumpur, Island Press, pp. 107-126.
- Wilbanks, T.J. and E.A. Parson, et al. 2003. Understanding Climatic Impacts, Vulnerabilities, and Adaptation in the United States: Building a Capacity for Assessment. *Climatic Change* 57:9-42.
- Wilbanks, T.J., S. Cutter, and D. Richardson. 2003. *The Geographical Dimensions of Terrorism*, Routledge, New York.
- Wilbanks, T.J., R. Kates, and R. Abler. 2003. *Global Change and Local Places: Estimating, Understanding, and Reducing Greenhouse Gases*, Cambridge University Press.
- Wilbanks, T.J. 2003. Geographic Scaling Issues in Integrated Assessments of Climate Change, in *Scaling Issues in Integrated Assessment*, J. Rotmans and D. Rothman (eds.). Swets and Zeitlinger 5-34.
- Wilbanks, T.J., and W.C. Clark, et al. 2000. *Assessing Vulnerability to Global Environmental Risks*, Discussion Paper 2000-12, Environment and Natural Resources Program, Kennedy School of Government, Harvard University.
- Wilbanks, T.J., A. Wolfe, and N. Kerchner. 2001. Public Involvement on a Regional Scale. *Environmental Assessment Review* 21:431-448.

- Wilbanks, T.J., and P. Stern. 2001. Policy Implications and Needs for Further Knowledge, New Tools for Environmental Protection: Education, Information, and Voluntary Measures, National Academy of Sciences/National Research Council.
- Wilbanks, T.J. and R.W. Kates. 1999. Global Change in Local Places. *Climatic Change* 43(3):601-628.
- Wilbanks, T.J. 1994. Sustainable Development' in Geographic Context. *Annals, Association of American Geographers*, 84:541-57.
- Wilbanks, T.J. 1992. Energy Policy Responses to Concerns about Global Climate Change, in *Global Climate Change: Implications, Challenges and Mitigation Measures*, S. Majumdar, et al. (eds.), Pennsylvania Academy of Sciences, Easton, PA, pp. 452-70.
- Wilbanks, T.J., et al. 1989. Decision Making, in *Energy Technology R&D: What Could Make a Difference?*, W. Fulkerson et al. (eds.), ORNL-6541, Vol. 2, Oak Ridge National Laboratory, pp. 123-37.
- Wilbanks, T.J. 1988. Impacts of Energy Development and Use, 1888-2088, in *Earth '88: Changing Geographic Perspectives*, National Geographic Society, Washington, pp. 96-114.
- Wilbanks, T.J. 1985. Geography and National Policy, *Annals, Association of American Geographers*, LXXV, pp. 4-10.
- Wilbanks, T.J., and R. Lee. 1985. Policy Analysis in Theory and Practice, in *Large-Scale Energy Projects: Assessment of Regional Consequences*, T.R. Lakshmanan and B. Johansson (eds.), North-Holland, Amsterdam 273-303.
- Wilbanks, T.J., and E. Aronson, et al. 1984. *Energy Use: The Human Dimension*, W.H. Freeman, San Francisco.
- Wilbanks, T.J. 1982. Is Comprehensive Analysis of Critical Interactions Possible?, in *Energy, Economics, and the Environment*, G. Daneke (ed.), D.C. Heath, Lexington, MA, pp. 91-110.
- Wilbanks, T.J. 1980. *Location and Well-being*, Harper and Row, New York, 462 pp.
- Wilbanks, T.J., and D.E. Kash, et al. 1976. *Our Energy Future: The Role of Research, Development, and Demonstration in Reaching a National Consensus on Energy Supply*, University of Oklahoma Press, Norman, 482 pp.
- Wilbanks, T.J., and D.E. Kash, et al.. 1974. *A Methodology and Documentation for Consistent Analysis of Energy Alternatives, Science and Public Policy Program*, University of Oklahoma, Norman, Vol 4., 1400 pp.