

Curriculum Vitae

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Social and Environmental  
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Education

B.A. (psychology) Amherst College, 1964  
M.A. (psychology) Clark University, 1969  
Ph.D. (social psychology) Clark University, 1975

Fellowships and Honors

NIMH Predoctoral Fellowship, Clark University: 1965-67, 1969-71  
Clinical Psychology Traineeship, Boston Veterans Administration Hospital: 1967-69  
Research Fellow in Psychology, Clark University: 1967-69  
NSF National Needs Postdoctoral Fellowship, Institution for Social and Policy Studies, Yale University: 1978-79  
Distinguished Contribution citation, American Psychological Foundation media awards program for 1979, for contribution to "Motivating the Troops for the Energy War," published in Psychology Today.  
"Energy Use: The Human Dimension" selected as one of the outstanding books of 1984 by Choice magazine.  
NSF research grant to George Mason University for "Attitude Formation and Political Behavior in Response to Global Change," 1993-96.  
National Research Council, Commission on Behavioral and Social Sciences staff award, 1989, 1996.  
The National Academies Distinguished Service Award, 2002.  
Sustainability Science Award from the Ecological Society of America for 2005, given to the 3 coauthors of "The Struggle to Govern the Commons," published in Science, 2003, 302, 1907-1912. The award is given to "the author(s) of a peer-reviewed paper that makes the greatest contribution to the emerging science of ecosystem and regional sustainability."  
2012 Proshansky-Newman Award, the professional achievement award of the Society for Environmental, Population and Conservation Psychology, given in alternate years to environmental psychologists.

Positions

National Research Council, National Academy of Sciences, Engineering and Medicine. Senior Staff Officer, 1980-89; Principal Staff Officer, 1989-2011; Director, Committee on the Human Dimensions of Global Change, 1991-2011; Senior Scholar, Board on Environmental Change and Society, 2011-2017.

Paul C. Stern

- Study director, Committee on Behavioral and Social Aspects of Energy Consumption and Production, 1980-1985.
  - Study director, Committee on International Conflict and Cooperation (originally, Committee on Contributions of the Behavioral and Social Sciences to the Prevention of Nuclear War), 1985-93.
  - Sr. staff officer, Committee on Risk Perception and Communication, 1987-89.
  - Sr. staff officer, Committee on Democracy and States in Transition, 1993-94.
  - Director, Committee on the Human Dimensions of Global Change, 1989-2012.
  - Study director, Committee on Risk Characterization, 1993-96.
  - Study director, Committee on International Conflict Resolution, 1994-2000.
  - Sr. staff officer, Committee on Grand Challenges in Environmental Sciences, 1999-2000.
  - Study director, Committee on New Directions for Cognitive Research on Aging, 1999-2000.
  - Study director, Committee to Review the Scientific Evidence on the Polygraph, 2000-2002.
  - Study director, Committee to Assess Behavioral and Social Science Research on Aging, 2003-2006.
  - Study director, Panel on New Research on Population and Environment, 2003-2005.
  - Study director, Panel on Social and Behavioral Science Research Priorities for Environmental Decision Making, 2003-2005.
  - Study director, Panel on Public Participation in Environmental Assessment and Decision Making, 2003-2008.
  - Study director, Panel on Confidentiality Issues Arising from the Integration of Remotely Sensed and Self-Identifying Data, 2005-2007.
  - Study director, Panel on Design Issues for the NOAA Sector Applications Research Program, 2005-2008.
  - Senior staff officer, Committee on Evaluation of USAID Democracy Assistance Programs, 2006-2008.
  - Study Director, Panel on Strategies and Methods for Climate-Related Decision Support, 2007-2009.
  - Study Director, Panel on Addressing the Challenges of Climate Change through the Behavioral and Social Sciences, 2008-2010.
  - Study director, Panel on Socioeconomic Scenarios for Climate Change Impact and Response Assessments, 2009-2010.
  - Senior staff officer, Committee on America's Climate Choices, 2008-2011.
  - Senior staff officer, Committee to Advise the U.S. Global Change Research Program, 2011-2017.
  - Study director, Committee on Assessing the Impacts of Climate Change on Political and Social Stresses, 2011-2013.
  - Scholar, Board on Environmental Change and Society, 2012-2017.
  - Study director, Committee on Risk Management and Governance Issues in Shale Gas Development, 2012-2014.
  - Study director, Planning Committee on Workshop on Methods for Characterizing Risk in Climate Change Assessments, 2015-2016.
- Norwegian University of Science and Technology, Trondheim, Norway, Professor II, Psychology Institute and Risk Psychology, Environment, and Safety Program, 2011-2013, 2014-2018.
- The Otto-von-Guericke-University of Magdeburg, Germany, Scientific Contractor for Helmholtz Alliance, 2012-2013.

Paul C. Stern

George Mason University, Research Professor of Sociology, 1993-2001.  
Social and Environmental Research Institute, Leverett, MA, president, 1996-. Senior scholar, 2017-  
Yale University, Postdoctoral Fellow to Research Associate, Institution for Social and Policy Studies,  
1978-80  
Elmira College, Instructor to Assistant Professor of Psychology, 1971-78

#### Professional Associations

Fellow, American Psychological Association  
Fellow, American Association for the Advancement of Science  
Psi Chi  
Society for the Psychological Study of Social Issues  
Society for Personality and Social Psychology  
Society for the Advancement of Socio-Economics  
Society for Human Ecology

#### Professional Activities

##### Books

Stern, P. C. Evaluating social science research. New York: Oxford University Press, 1979.

Stern, P. C., Black, J. S., and Elworth, J. T. Home energy conservation: Issues and programs for the 1980s.  
Mount Vernon, NY: Consumers Union Foundation, 1981.

Stern, P. C., and Aronson, E., eds. Energy use: The human dimension. New York: Freeman, 1984.

Stern, P. C., ed. Improving energy demand analysis. Washington: National Academy Press, 1984.

Stern, P. C., ed. Energy efficiency in buildings: behavioral issues. Washington: National Academy Press,  
1985.

Stern, P. C., Axelrod, R., Jervis, R., and Radner, R., eds., Perspectives on deterrence. New York: Oxford  
University Press, 1989.

Tetlock, P. E., Husbands, J. L., Jervis, R., Stern, P. C., and Tilly, C., eds., Behavior, society, and nuclear war.  
Vol. 1. New York: Oxford University Press, 1989.  
Vol. 2. New York: Oxford University Press, 1991.  
\_\_\_\_\_, Behavior, society, and international conflict.  
Vol. 3. New York: Oxford University Press, 1993.

Stern, P. C., Young, O. R., and Druckman, D., eds. Global environmental change: Understanding the  
human dimensions. Washington: National Academy Press, 1992. [Also published as Mudanças e  
agressões ao meio ambiente. 1993. São Paulo: Makron Books.]

Comaroff, J. L., and Stern, P. C., eds. Perspectives on nationalism and war. Newark, NJ: Gordon & Breach, 1995.

Gardner, G. T., and Stern, P. C. Environmental problems and human behavior. Needham Heights, MA: Allyn & Bacon, 1996.

Stern, P. C., and Kalof, L. Evaluating social science research, second edition. New York: Oxford University Press, 1996.

Stern, P. C., and Fineberg, H. V., eds. Understanding risk: Informing decisions in a democratic society. Washington: National Academy Press, 1996.

Stern, P. C., Dietz, T., Ruttan, V. R., Socolow, R. H., and Sweeney, J. L., eds. Environmentally significant consumption: Research directions. Washington: National Academy Press, 1997.

Liverman, D., Moran, E., Rindfuss, R.R., and Stern, P.C., eds. People and Pixels: Linking Remote Sensing and Social Science. Washington: National Academy Press, 1998.

Stern, P. C., and Easterling, W. E., eds. Making climate forecasts matter. Washington: National Academy Press, 1999.

Stern, P. C., and Carstensen, L. L., eds. The aging mind: Opportunities in cognitive research. Washington: National Academy Press, 2000.

Stern, P. C., and Druckman, D., eds. International conflict resolution after the cold war. Washington: National Academy Press, 2000.

Ostrom, E., Dietz, T., Dolsak, N., Stern, P.C., Stonich, S., and Weber, E.U., eds. The Drama of the Commons. Washington: National Academy Press, 2002.

Dietz, T., and Stern, P.C., eds. New Tools for Environmental Protection: Education, Information, and Voluntary Measures. Washington: National Academy Press, 2002.

Gardner, G.T., and Stern, P.C. Environmental Problems and Human Behavior, second edition. Boston: Pearson Custom Publishing, 2002.

Brewer, G.D. and Stern, P.C., eds. Decision Making for the Environment: Social and Behavioral Science Research Priorities. Washington: National Academy Press, 2005.

Entwisle, B. and Stern, P.C., eds. Population, Land Use, and Environment: Research Directions. Washington: National Academy Press, 2005.

Feller, I., and Stern, P.C., eds. A Strategy for Assessing Science: Behavioral and Social Research on Aging. Washington: National Academies Press, 2007.

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Gutmann, M.P., and Stern, P.C., eds. Putting People on the Map: Protecting Confidentiality with Linked Social-Spatial Data. Washington: National Academies Press, 2007.

Ingram, H.M., and Stern, P.C., eds. Research and Networks for Decision Support in NOAA's Sectoral Applications Research Program. Washington: National Academies Press, 2008.

Dietz, T., and Stern, P.C., eds. Public Participation in Environmental Assessment and Decision Making. Washington: National Academies Press, 2008.

Stern, P.C., and Kasperson, R.E., Eds. Facilitating Climate Change Responses: A Report of Two Workshops on Knowledge from the Behavioral and Social Sciences. Washington: National Academies Press, 2010.

Steinbruner, J.D., Stern, P.C., and Husbands, J.L., eds, Climate and Social Stress: Implications for Security Analysis. Washington: National Academies Press, 2012.

Stern, P.C., rapporteur. Risks and Risk Governance in Shale Gas Development: Summary of Two Workshops. Washington: National Academies Press, 2014.

#### Other Publications

Stern, P. C. Effect of incentives and education on resource conservation decisions in a simulated commons dilemma. Journal of Personality and Social Psychology, 1976, 34, 1285-1292.

Stern, P. C. Psychological research and the steady state society. Population and Environmental Psychology Newsletter, 1977, 4(2), 10-15.

Stern, P. C. and Kirkpatrick, E. M. Energy behavior. Environment, 1977, 19(9), 10-15.

Stern, P. C., Parks, R. Q., Radley, D. E., Millspaugh, G. F., Finnell, D., Gliha, P., Coletta, M., Willcox, K., and Dugan, M. Energy policy in New York: A study of the policy climate in Albany. Elmira, NY: Elmira College Energy Policy Project, 1978.

Stern, P. C., Parks, R. Q., Radley, D. E., Millspaugh, G. F., Finnell, D., Gliha, P., Coletta, M., Willcox, K., and Dugan, M. Issues + nonissues = nondecision? Solar energy policy in New York State. In M. E. Grenander, (ed.), Proceedings of HELIOS: From myth to solar energy. Albany, NY: State University of New York at Albany, 1978.

Stern, P. C. When do people act to maintain common resources? A reformulated psychological question for our time. International Journal of Psychology, 1978, 13, 149-158.

Stern, P. C. The limits to growth and the limits of psychology. American Psychologist, 1978, 33, 701-703.

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- Stern, P. C. The space colony proposal: limited thinking applied. American Psychologist, 1979, 34, 191-192.
- Stern, P. C. The car-pool game: how to mobilize group spirit. Psychology Today, 1979, 12(11), 16, 26.
- Stern, P. C. and Gardner, G. T. Energy research in psychology: a review and critique. Social Science Energy Review, 1980, 3(1), 1-71.
- Stern, P. C. and Gardner, G. T. Psychological research and energy policy. American Psychologist, 1981, 36, 329-342.
- Stern, P. C. and Gardner, G. T. Habits, hardware, and energy conservation. American Psychologist, 1981, 36, 426-428.
- Stern, P. C. and Gardner, G. T. The place of behavior change in managing environmental problems. Zeitschrift für Umweltpolitik, 1981, 2, 213-239.
- Stern, P. C. (ed.) Behavioral and social aspects of energy consumption and production: Preliminary report. Washington, D.C.: National Academy Press, 1982.
- Stern, P. C., Black, J. S., and Elworth, J. T. Responses to changing energy conditions among Massachusetts households. Energy: The International Journal, 1983, 8, 515-523.
- Stern, P. C. A psychological program for environmental conservation. Contemporary Psychology, 1983, 28, 187-189.
- Stern, P. C. Saving energy: the human dimension. Technology Review, 1984, 87(1), 16-25, 62.
- Stern, P. C. Energy and behavior: What have we learned? In B. M. Morrison and W. Kempton, eds, Families and Energy: Coping with Uncertainty. Conference Proceedings. East Lansing, Michigan: Institute for Family and Child Study, Michigan State University, 1984 (Pp. 39-48).
- Black, J. S., Stern, P. C. and Elworth, J. T. Personal and contextual influences on household energy adaptations. Journal of Applied Psychology, 1985, 70, 3-21.
- Stern, P. C. Household energy use in a political context. Marriage and Family Review, 1985, 9, 15-27. Also published in J. Byrne, D. A. Schulz, and M. B. Sussman, eds. Families and the Energy Transition. New York: Haworth Press, 1985.
- Stern, P. C., Berry, L. G., and Hirst, E. Residential conservation incentives. Energy Policy, 1985, 13, 133-142.
- Stern, P. C. Blind spots in policy analysis: What economics doesn't say about energy use. Journal of Policy Analysis and Management, 1986, 5(2), 200-227.

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Stern, P. C., Dietz, T., and Black, J. S. Support for environmental protection: The role of moral norms. Population and Environment, 1986, 8, 204-222.

Stern, P. C., Aronson, E., Darley, J. M., Hill, D. H., Hirst, E., Kempton, W., and Wilbanks, T. J. The effectiveness of incentives for residential energy conservation. Evaluation Review, 1986, 10(2), 147-176.

Stern, P. C. Toward a social psychology of solidarity. American Psychologist, 1986, 41(2), 229-231.

Hill, D. H. and Stern, P. C. Effects of price changes on automobile driving: An exploration of alternative behavioral assumptions. Washington: National Academy Press, 1986.

Stern, P. C. Energy policy as if people mattered: lessons from behavioral research. In E. Monnier et al., eds., Consumer Behavior and Energy Policy. New York: Praeger, 1986. Pp. 255-267.

Stern, P. C. and Oskamp, S. Managing scarce environmental resources. In D. Stokols, and I. Altman, eds., Handbook of Environmental Psychology. New York: Wiley, 1987. Vol. 2, pp. 1043-1088.

Stern, P. C., Aronson, E., Darley, J. M., Hill, D. H., Hirst, E., Kempton, W., and Wilbanks, T. J. Answering behavioral questions about energy efficiency in buildings. Energy, 1987, 12(5), 339-353.

Rusten, L., and Stern, P. C. Crisis Management in the Nuclear Age. Washington: National Academy Press, 1987.

Stern, P. C. Teaching the researcher's craft. Contemporary Psychology, 1987, 32(1), 61-62.

Stern, P. C. Inside energy demand: The role of behavioural and social science in energy demand analysis. In International Energy Agency, Energy Demand Analysis Symposium: Proceedings. Paris: OECD, 1988.

Dietz, T., Stern, P. C., and Rycroft, R. W. Definitions of conflict and the legitimation of resources: The case of environmental risk. Sociological Forum, 1989, 4:47-70.

Stern, P. C., Axelrod, R., Jervis, R., and Radner, R. Deterrence in the nuclear age: the search for evidence. In Stern, P. C., Axelrod, R., Jervis, R., and Radner, R., eds., Perspectives on Deterrence. New York: Oxford University Press, 1989.

Stern, P. C., Axelrod, R., Jervis, R., and Radner, R. Conclusions. In Stern, P. C., Axelrod, R., Jervis, R., and Radner, R., eds., Perspectives on Deterrence. New York: Oxford University Press, 1989.

Stern, P. C. A tool kit for environmental design research. Contemporary Psychology, 1989.

National Research Council. Improving Risk Communication. Washington: National Academy Press, September 1989. (Principal author, Chapters 1-4, and contributor of one cartoon.)

Stern, P. C. and Husbands, J. L. Liberating Soviet social science. Bulletin of the Atomic Scientists, 1989 (September), 28-31.

Stern, P. C. The social construction of the economy. Challenge: Magazine of Economic Affairs, 1990, 33(1):38-45.

Stern, P. C. Learning through conflict: A realistic approach to risk communication. Policy Sciences, 1991, 24:99-119.

Stern, P. C. Offering tools for Soviet democracy. Pp. 165-167 in D. Jarmul, ed. Headline News, Science Views. Washington: National Academy Press, 1991.

Stern, P. C. Psychological dimensions of global environmental change. Annual Review of Psychology, 1992, 43, 269-302.

Stern, P. C. The preference for coolth. Energy and Buildings, 1992, 18, 262-263.

Young, O. R., and Stern, P. C. Human dimensions of global change. (Commentary). Environment, 1992 (September), 2-3.

Kempton, W., Darley, J. M. and Stern, P. C. Psychological research for the new energy problems: Strategies and opportunities. American Psychologist, 1992, 47, 1213-1223.

Stern, P. C. What psychology knows about energy conservation. American Psychologist, 1992, 47, 1224-1232.

Stern, P. C. and Walker, L. Improving social science in the former Soviet Union: The U.S. role. Washington: National Academy Press, 1992.

Stern, P. C. The socio-economic perspective and its institutional prospects. Journal of Socio-Economics, 1993, 22, 1-11.

Stern, P. C., Dietz, T. and Kalof, L. Value orientations, gender, and environmental concern. Environment and Behavior, 1993, 25, 322-348. Reprinted in The Earthscan Reader in Environmental Values, L. Kalof and T. Satterfield, eds. London: Earthscan, 2005.

Stern, P. C. A second environmental science: Human-environment interactions. Science, 1993, 260, 1897-1899.

Walker, L. and Stern, P. C., eds. Balancing and Sharing Political Power in Multiethnic Societies. [Also in Russian, Balans i Razdelenie Politicheskoi Vlasti b Polietnichnykh Obshchestvakh.] Washington: National Academy Press, 1993.

Gamson, W. A. and Stern, P. C., eds. Security Discourse in the Cold War Era. Working paper No. 180, Center for Studies of Social Change, New School for Social Research, 1993.



Comaroff, J. L. and Stern, P. C. New perspectives on nationalism and war. Theory and Society, 1994, 23(1), 35-45.

Stern, P. C. For a responsible psychology of environmental problems. Population and Environmental Psychology Newsletter, 1994, 20(1), 4-5,8.

Stern, P. C., and Dietz, T. The value basis of environmental concern. Journal of Social Issues, 1994, 50(3), 65-84.

Guagnano, G. A., Dietz, T., and Stern, P. C. Willingness to pay for public goods: A test of the contribution model. Psychological Science, 1994, 5, 411-415.

Stern, P. C. When do people sacrifice for their nations? Political Psychology, 1995, 16, 217-235. [Also published in Comaroff, J.L. and Stern, P.C., eds., Perspectives on nationalism and war. Newark, NJ: Gordon and Breach, 1995.]

Stern, P. C. Understanding and changing environmentally destructive behavior. In U. Fuhrer, ed. Ökologisches Handeln als sozialer Prozess (Ecological action as social process). (Pp. 89-96). Basel: Birkhäuser Verlag, 1995.

Stern, P. C. and Druckman, D. Has the earthquake of 1989 toppled international relations theory? Peace Psychology Review, 1995, 1, 109-122.

Dietz, T. and Stern, P. C. Toward a theory of choice: Socially embedded preference construction. Journal of Socio-Economics, 1995, 24, 261-279.

Guagnano, G., Stern, P. C., and Dietz, T. Influences on attitude-behavior relationships: A natural experiment with curbside recycling. Environment and Behavior, 1995, 27, 699-718.

Stern, P. C. Understanding and overcoming barriers to pollution prevention. Chapter 5 in D. Jamieson and K. VanderWerf, Preventing pollution: Perspectives on cultural barriers and facilitators. Report to the U.S. Environmental Protection Agency, October 1995.

Stern, P. C., Dietz, T., Kalof, L., and Guagnano, G. Values, beliefs, and proenvironmental action: Attitude formation toward emergent attitude objects. Journal of Applied Social Psychology, 1995, 25, 1611-1636.

Stern, P. C., Dietz, T., and Guagnano, G. A. The New Ecological Paradigm in social-psychological context. Environment and Behavior, 1995, 27, 723-743.

Dietz, T., Frisch, A. S., Kalof, L., Stern, P. C., and Guagnano, G. A. Values and vegetarianism: An exploratory analysis. Rural Sociology, 1995, 60, 533-542.

Stern, P. C. Global environmental change and the human component. Pp. 129-140 in A. W. Ewart, ed., Natural resource management: The human dimension. Boulder, CO: Westview, 1996.

Stern, P. C. Nationalism as reconstructed altruism. Political Psychology, 1996, 17, 569-572.

Druckman, D., and Stern, P. C. Evaluating peacekeeping missions. Mershon International Studies Review, 1997, 41, 151-165.

Stern, P. C., Dietz, T., Ruttan, V. R., Socolow, R. H., and Sweeney, J. L. Consumption as a problem for environmental science. Pp. 1-11 in Stern, P. C., Dietz, T., Ruttan, V. R., Socolow, R. H., and Sweeney, J. L., eds. Environmentally significant consumption: Research directions. Washington: National Academy Press, 1997.

Stern, P. C. Toward a working definition of consumption for environmental research and policy. Pp. 12-35 in Stern, P. C., Dietz, T., Ruttan, V. R., Socolow, R. H., and Sweeney, J. L., eds. Environmentally significant consumption: Research directions. Washington: National Academy Press, 1997.

Stern, P. C., Dietz, T., Ruttan, V. R., Socolow, R. H., and Sweeney, J. L. Strategies for setting research priorities. Pp. 124-137 in Stern, P. C., Dietz, T., Ruttan, V. R., Socolow, R. H., and Sweeney, J. L., eds. Environmentally significant consumption: Research directions. Washington: National Academy Press, 1997.

Stern, P.C., and Dietz, T. Consumption and sustainable development. (Letter) Science, 1997, 276, 1631-1632.

Dietz, T., Stern, P. C., and Guagnano, G. Social structural and social psychological determinants of environmental concern. Environment and Behavior, 1998, 30, 450-471.

Dietz, T., and Stern, P.C. Science, values, and biodiversity. BioScience, 1998, 48, 441-444.

Rindfuss, R.R., and Stern, P.C. Linking remote sensing and social science: The need and the challenges. Pp. 1-27 in Liverman, D., Moran, E., Rindfuss, R.R., and Stern, P.C., eds. People and Pixels: Linking Remote Sensing and Social Science. Washington: National Academy Press, 1998.

Stern, P. C., Dietz, T., and Guagnano, G. A. A brief inventory of values. Journal of Educational and Psychological Measurement, 1998, 58, 984-1001.

Stern, P.C. Understanding *Understanding Risk* and moving forward. Human Ecology Review, 1998, 5, 55-57.

Druckman, D., and Stern, P.C. Perspectives on evaluating peacekeeping missions. International Journal of Peace Studies, 1999, 4, 79-86.

Kalof, L. Dietz, T. Stern, P.C. and Guagnano, G.A. Social psychological and structural influences on vegetarian beliefs. Rural Sociology, 1999, 64, 500-511.

Paul C. Stern

Stern, P.C. Information, incentives, and proenvironmental consumer behavior. Journal of Consumer Policy, 1999, 22, 461-478.

Stern, P.C., Dietz, T., Abel, T., Guagnano, G.A., and Kalof, L. A value-belief-norm theory of support for social movements: The case of environmentalism. Human Ecology Review, 1999, 6, 81-97.

Stern, P.C. Psychology and the science of human-environment interactions. American Psychologist, 2000, 55, 523-530.

Stern, P.C. and Druckman, D. Evaluating interventions in history: The case of international conflict resolution. International Studies Review, 2000, 2, 33-63.

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Stern, P.C. Toward a coherent theory of environmentally significant behavior. Journal of Social Issues, 2000, 56(3), 407-424.

Stern, P.C. Book note: Fostering Sustainable Behavior: An Introduction to Community-based Social Marketing by D. McKenzie-Mohr and W. Smith. Environment, 2001, 43:41.

Stern, P. C. Foreword. Pp. ix-x in R. Kaufmann-Hayoz and H. Gutscher, eds., Changing Things—Moving People: Strategies for Promoting Sustainable Development at the Local Level. Basel, Switz.: Birkhäuser Verlag, 2001.

Stern, P.C. Mass consumption. Pp. 61-63 in A.S. Goudie, ed., Encyclopedia of Global Change, Vol. 2. New York: Oxford University Press, 2002.

Stern, P.C., Dietz, T., Dolsak, N., Ostrom, E., and Stonich, S. Knowledge and Questions after 15 years of research. Pp. 445-489 in Ostrom, E., Dietz, T., Dolsak, N., Stern, P.C., Stonich, S., and Weber, E.U., eds. The Drama of the Commons. Washington: National Academy Press, 2002.

Dietz, T., Dolsak, N., Ostrom, E., and Stern, P.C. The drama of the commons. Pp. 3-35 in Ostrom, E., Dietz, T., Dolsak, N., Stern, P.C., Stonich, S., and Weber, E.U., eds. The Drama of the Commons. Washington: National Academy Press, 2002.

Stern, P.C. Human Interactions with the Carbon Cycle: Summary of a Workshop. Washington: National Academy Press, 2002.

Dietz, T., Kalof, L., and Stern, P.C. Gender, values, and environmentalism. Social Science Quarterly, 2002, 83(1), 353-364.

Kalof, L., Dietz, T., Guagnano, G., and Stern, P.C. Race, gender, and environmentalism: The atypical values and beliefs of white men. Race, Gender, and Class, 2002, 9(2), 1-19.

Stern, P.C., Dietz, T., and Ostrom, E. Research on the commons. Environmental Practice, 2002, 4, 61-64.

Dietz, T., and Stern, P.C. Exploring new tools for environmental protection. Pp. 3-15 in Dietz, T., and Stern, P.C., eds. New Tools for Environmental Protection: Education, Information, and Voluntary Measures. Washington: National Academy Press, 2002.

Stern, P.C. Changing behavior in households and communities: What have we learned? Pp. 201-211 in Dietz, T., and Stern, P.C., eds. New Tools for Environmental Protection: Education, Information, and Voluntary Measures. Washington: National Academy Press, 2002.

Wilbanks, T.J., and Stern, P.C. New tools for environmental protection: What we know and need to know. Pp. 337-348 in Dietz, T., and Stern, P.C., eds. New Tools for Environmental Protection: Education, Information, and Voluntary Measures. Washington: National Academy Press, 2002.

National Research Council. Committee to Review the Scientific Evidence on the Polygraph. The Polygraph and Lie Detection. Washington: National Academy Press, 2003. (Major contributor to all chapters and some appendixes.)

Webler, T., Tuler, S., Shockey, I., Stern, P., and Beattie, R. Participation by local governmental officials in watershed management planning. Society and Natural Resources, 2003, 16, 105-121.

Ostrom, E., Stern, P.C., and Dietz, T. Water rights in the commons. Water Resources Impact, 2003, 5(2), 8-11.

Faigman, D.L., Fienberg, S.E., and Stern, P.C. The limits of the polygraph. Issues in Science and Technology, 2003, 20(1), 40-46.

Dietz, T., Ostrom, E., and Stern, P.C. The struggle to govern the commons. Science, 2003, 302, 1907-1912 and online supplement.

Stern, P.C. How can conservation psychology become influential? Human Ecology Review, 2003, 10, 177-180.

Stern, P.C., Naumkin, V., Bennett, A., Walker, E.W., Gotagova, L., Pain, E., and Shubin, A. Priorities for Research on Comparative Study of Identity Conflicts. Pp. 21-30 in National Research Council, Conflict and Reconstruction in Multi-Ethnic Societies: Proceedings of a Russian-American Workshop. Committee on Conflict and Reconstruction in Multiethnic Societies. Washington: National Academy Press, 2003.

Bennett, A., Stern, P.C., and Walker E.W. A typology of identity conflicts for comparative research. Pp. 86-92 in National Research Council, Conflict and Reconstruction in Multi-Ethnic Societies: Proceedings of a Russian-American Workshop. Committee on Conflict and Reconstruction in Multiethnic Societies. Washington: National Academy Press, 2003.

Stern, P.C. Understanding global change: What psychology can contribute. IHDP Update, 2004(4), 4-5.

Fienberg, S.E. and Stern, P.C. In search of the magic lasso: The truth about the polygraph. Statistical Science, 2005, 20(3), 249-260.

Stern, P.C. Review of *The Paradox of Choice: Why More is Less*, by Barry Schwartz. Journal of Industrial Ecology, 2005, 9, 293-295.

Stern, P.C. Deliberative methods for understanding environmental systems. BioScience, 2005, 55, 976-982.

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### Some Recent Presentations

Changing the Behaviors that Drive Climate Change: What People Need to Understand and How to Promote Change. Presentation at UN Psychology Day, United Nations, New York, April 12, 2018

Paul C. Stern

Fostering Behavioral Changes to Reduce Fossil Energy Requirements. Keynote Presentation, *Reshaping Energy 2018: Today and Tomorrow*, The Conference Board of Canada, The Shaw Centre, Ottawa, May 29, 2018.

An Agenda for Critical Psychological Work on the Environment: Helping to Limit Climate Change. Comments at International Association for Applied Psychology meeting, Montreal, QC, Canada, June 2018.

The Behavioral Wedge Approach to Reducing GHG Emissions. Presentation at Copenhagen Workshop on Mitigating Climate Change, August 2018.

#### Other Professional Activities

Reviewer, Social Dimensions of Food, Health, and Environment programs, Rutgers University School of Environmental and Biological Sciences, 2010.

Advisory Board Member, Behavior, Energy, and Climate Change Conferences, 2007-2010.

Advisory Board Member, European Conference on Energy Efficiency and Behaviour 2009.

Member, American Psychological Association Task Force on the Interface Between Psychology and Global Climate Change, 2008-2009.

Member, Environment Advisory Panel, Human and Social Dynamics FY 2005 Competition, National Science Foundation.

Member, Electorate Nominating Committee, Section on Social, Economic, and Political Sciences, American Association for the Advancement of Science, 1996-1999; chair, 1998-99.

Peer partner, Danish Environmental Research Programme's subprogram, "Socio-scientific research in the areas of nature, the environment, and energy," 1997.

Consulting editor, Population and Environment, 1982-87.

Associate editor, Evaluation Review, 1986-89.

Co-editor, Journal of Socio-Economics, 1991-2000.

Editorial board, Journal of Human Ecology, 1992-96.

Associate editor, Environment and Behavior, 1996-

Member of editorial board, International Journal of Global Environmental Issues, 2004- ; Energy Research and Social Science, 2013- .

Paul C. Stern

Executive Committee, APA Division of Population and Environmental Psychology, 1978-90.

Member, Working Group on Perception and Assessment of Global Environmental Change, International Social Science Council, 1991-96.

Coordinator, Energy/Behavior Committee, APA Division of Population and Environmental Psychology, 1978-87; Environmental Problems Committee, 1987-90.

Writer of energy columns, Population and Environmental Psychology Newsletter, 1978-88.

Member, Advisory Panel, NSF Human and Social Dynamics Priority Area competition, spring 2005.

Reviewer: Science; Ambio; Proceedings of the National Academy of Sciences; American Psychologist; Nature Climate Change; Journal of Personality and Social Psychology; Annual Review of Energy and the Environment; Psychological Bulletin; Environmental Science and Technology; Journal of Policy Analysis and Management; Bulletin of the Atomic Scientists; Evaluation and Program Planning; Energy Policy, Psychological Reports; Journal of Social Issues; Social Science Quarterly; Social Psychology Quarterly, Political Psychology; Public Opinion Quarterly; Energy and Buildings; International Studies Quarterly; Journal of Applied Social Psychology; Journal of Experimental Psychology: Applied; Climate Research; Climatic Change, Human Ecology Review; Journal of Environmental Psychology; Environmental Practice; Knowledge; Risk Analysis; Society and Natural Resources; Journal of Industrial Ecology; Umweltpsychologie; Journal of Applied Social Psychology; The Sociological Quarterly, European Review of Applied Psychology; NSF Programs on Decision, Risk, and Management Science, Ethics and Values in Science and Technology, and Initiative on Biocomplexity; NOAA Human Dimensions of Global Change program; American Association for the Advancement of Science; Oxford University Press; MIT Press; Swiss Priority Program on the Environment; Netherlands Organization for Scientific Research (NWO), Israel Science Foundation.

Member, Mapping Project on Energy and the Social Sciences, Yale University Institution for Social and Policy Studies, 1978-1980.

Panelist, Conference on Energy in Transition, Yale University, April 1980.

Advisory board member, American Council for an Energy-Efficient Economy Summer Study, Santa Cruz, California, August 1984, August 1986.

Staff Awards Committee, Commission on Behavioral and Social Sciences and Education, National Research Council, 1991-1994; chair 1994.

### Teaching Experience

Clark University: Teaching assistant, various courses, 1966-70

Paul C. Stern

Elmira College: Instructor of Psychology, 1971-75; Assistant Professor of Psychology, 1975-78. Usual teaching duties included:

Social Psychology

Experimental Psychology--emphasized handling research design problems, with some instructions in inferential statistics

Research Problems in Social Psychology

Environmental Psychology

Theories of Personality

Evaluating Social Science Research--a course in skills necessary for critically reviewing empirical literature on a question framed by the student. Text is a 1979 publication of Oxford University Press (2<sup>nd</sup> edition, 1996, coauthored with Linda Kalof).

Other teaching duties included: Behavior, Attitudes, and the Natural Environment; Advanced Experimental Psychology; Introductory; Advanced General Psychology; Theories of Counseling; Psychotherapy: Theories and Perspectives; Child and Adolescent; Contemporary Problems; Senior Seminar.

Professor II, Norwegian University of Science and Technology, Trondheim, Norway, 2011-2013.

#### Related Activities

Opponent, doctoral dissertation, Wokje Abrahamse, University of Groningen, Netherlands, December 2007.

Opponent, doctoral dissertation, Andreas Nilsson, Goteborg University, Sweden, June 2007.

Member, dissertation committee, Robin Sweeney, George Mason University, 1997-2004.

Outside reader of PhD dissertation, Bradley S. Jorgenson, Curtin University of Technology, Perth, Australia, 1996.

Project director of individual student research and group research projects on energy policy in New York State, games and simulations in the social sciences, and others, Elmira College, 1971-78.

Faculty Committees, Elmira College, Educational Policies; Learning Resources; Trustee Committee on Tenure and Renewal; others.

Secretary of the Faculty, Elmira College, 1974-75.

Faculty Adviser of Psi Chi, Elmira College, 1972-73, 1976-78.

Academic advising, Elmira College, 20-30 students per year.

Clinical Experience

Member, Psychological Services Center, Clark University, 1965-68, 1969-70.

Internship in Clinical Psychology, Boston V. A. Hospital, 1967-69.

Consultant, Head Start Program, Worcester, MA., 1967-68.

Staff, Elmira College Counseling Center, 1976-78. Director, Spring, 1978.

Consultant, Latin Drug Therapy Program, Elmira Correctional Facility, 1976-77.

Awareness Trainer, National Alliance of Businessmen JOBS Program, Binghamton, New York, 1972-77.