

Curriculum Vitae
Dr. Benjamin K. Sovacool

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EDUCATION

- 2006 Ph.D., Science and Technology Studies, Virginia Tech, Blacksburg, VA.
2005 M.S./Graduate Certificates, Science Policy, Virginia Tech, Blacksburg, VA.
2003 M.A., Rhetoric, Wayne State University, Detroit, MI.
2001 B.A., Philosophy and Communication Studies, John Carroll University, Cleveland, OH.

PROFESSIONAL EMPLOYMENT

- 2008- Assistant Professor, Lee Kuan Yew School of Public Policy, National University of Singapore
2007- Research Fellow, Energy Governance Program, National University of Singapore
2007 Postdoctoral Fellow, Office for the Vice President of Research, Virginia Tech
2006-2008 Adjunct Assistant Professor, School of Public and International Affairs, Virginia Tech
2006 Eugene P. Wigner Fellow, Oak Ridge National Laboratory, Oak Ridge, TN.

SELECTED PUBLICATIONS

Books

- Climate Change and Energy Security: A Global Overview of Technology and Policy Options*, with Marilyn Brown (Cambridge: MIT Press, forthcoming 2009)
Powering the Green Economy: The Feed-In Tariff Handbook, with Miguel Mendonça and David Jacobs (London: Earthscan, forthcoming 2009)
The Dirty Energy Dilemma: What's Blocking Clean Power in the United States (Westport, CT: Praeger, 2008), xvii + 294 pp.
Energy and American Society: Thirteen Myths (Edited with Marilyn A. Brown) (New York: Springer, 2007), xi + 340 pp.

Articles

- “Reassessing Energy Security and the Trans-ASEAN Natural Gas Pipeline Network in Southeast Asia,” *Pacific Affairs* 82(3) (Fall, 2009), pp. 467-486.
“Energy Policy and Cooperation in Southeast Asia: The History, Challenges, and Implications of the Trans-ASEAN Gas Pipeline Network (TAGP),” *Energy Policy* 37(6) (June, 2009), pp. 2356-2367.
“Going Completely Renewable: Is it Possible (Let Alone Desirable)?,” with Charmaine Watts, *Electricity Journal* 22(4) (May, 2009), pp. 95-111.
“Scaling the Response to Climate Change,” with Marilyn A. Brown, *Policy & Society* 27(4) (March, 2009), pp. 317-328.
“Beyond Batteries: An Examination of the Benefits and Barriers to Plug-in Hybrid Electric Vehicles (PHEVs) and a Vehicle-to-Grid (V2G) Transition,” with Richard F. Hirsh, *Energy Policy* 37(3) (March, 2009), pp. 1095-1103.
“The Problem with the ‘Portfolio Approach’ in American Energy Policy,” *Policy Sciences* 41(3) (September, 2008), pp. 245-261.
“Valuing the Greenhouse Gas Emissions from Nuclear Power: A Critical Survey,” *Energy Policy* 36 (8) (August, 2008), pp. 2940-2953.
“Island Wind-Hydrogen Energy: A Significant Potential U.S. Resource,” with Richard Hirsh, *Renewable Energy* 33(8) (August, 2008), pp. 1928-1935.

- “Renewable Energy: Economically Sound, Politically Difficult,” *Electricity Journal* 21(5) (June, 2008), pp. 18-29.
- “The Best of Both Worlds: Environmental Federalism and the Need for Federal Action on Renewable Energy and Climate Change,” *Stanford Environmental Law Journal* 27(2) (June, 2008), pp. 397-476.
- “The Costs of Failure: A Preliminary Assessment of Major Energy Accidents, 1907 to 2007,” *Energy Policy* 36(5) (May, 2008), pp. 1802-1820.
- “Distributed Generation (DG) and the American Electric Utility System: What is Stopping It?” *Journal of Energy Resources Technology* 130(1) (March, 2008), pp. 16-25.
- “Developing an ‘Energy Sustainability Index’ to Evaluate Energy Policy,” with Marilyn Brown, *Interdisciplinary Science Reviews* 32(4) (December, 2007), pp. 335-349.
- “Necessary but Insufficient: State Renewable Portfolio Standards and Climate Change Policies,” with Jack Barkenbus, *Environment* 49(6) (July/August, 2007), pp. 20-30.

SELECTED GRANTS

- 2009-2011 “Project on Energy and Security,” MacArthur Foundation Asia Security Initiative (United States) Grant 08-92777-000-GSS (with Ann Florini and Teresita Cruz-del Rosario et al)
- 2007-2009 “Project on Energy Policy and Governance,” Academic Research Council, Ministry of Education (Singapore) Grant T208A4109 (with Ann Florini and Toby Carroll)
- 2003-2006 “A Holistic Approach to the Design and Management of a Secure and Efficient Distributed Generation Power System,” National Science Foundation (United States) Electric Power Networks Efficiency and Security Program Grant ECS-0323344 (with R.F. Hirsh, I.Leech, R. Badinelli et. al) (as a Graduate Student)

HONORS & AWARDS

- 2009 “Best Paper in Energy” Award at the National Institute of Technology (India) Conference on Energy and Environment, Taj Chandigarh, India
- 2009 Nautilus Silver Award for Best Book in the “Ecology/Environment/Sustainability/Green Values” Category, Eastsound, WA
- 2007 “Outstanding Dissertation” in the Social Sciences and Humanities, awarded by the Graduate School of Virginia Tech, Blacksburg, VA.
- 2007 Johnson Award for Best Paper in Ethics and Accountability, awarded by the Johnson Institute, University of Pittsburgh, Pittsburgh, PA.
- 2006 Paul T. Hiser Exemplary Publication Award for the “Best Article of the Year,” awarded by the Epsilon Pi Tau Honor Society.
- 2004 First place paper at the 19th Annual Conference for the National Association of Science and Technology Studies, Baltimore, MD

SERVICE

- 2008 Photovoltaics Committee Member, Semiconductor Equipment and Materials International, San Jose, CA
- 2007 Advisory Board Member, Network for New Energy Choices, New York, NY
- 2006 Technical Evaluation Panelist, New York State Energy Research and Development Authority, Albany, NY
- 2005 Senior Research Fellow, Virginia Center for Coal and Energy Research, Blacksburg, VA