

Elizabeth A. Stanton, Ph.D., Principal Economist

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PROFESSIONAL EXPERIENCE

Synapse Energy Economics Inc., Cambridge, MA. *Principal Economist*, 2012 – present.

Consult on issues of energy economics, environmental impacts, climate change policy, and environmental externalities valuation.

Stockholm Environment Institute - U.S. Center, Somerville, MA. *Senior Economist*, 2010 – 2012;
Economist, 2008 – 2009.

Wrote extensively for academic, policy, and general audiences, and directed studies for a wide range of government agencies, international organizations, and nonprofit groups.

Global Development and Environment Institute, Tufts University, Medford, MA. *Researcher*, 2006 – 2007.

Political Economy Research Institute, University of Massachusetts-Amherst, Amherst, MA. *Editor and Researcher – Natural Assets Project*, 2002 – 2005.

Center for Popular Economics, University of Massachusetts-Amherst, Amherst, MA. *Program Director*, 2001 – 2003.

TEACHING EXPERIENCE

College of New Rochelle, New Rochelle, NY
Assistant Professor, Department of Social Sciences, 2007 – 2008

Tufts University, Medford, MA
Adjunct Professor, Department of Urban Environmental Policy and Planning, 2007

Fitchburg State College, Fitchburg, MA
Adjunct Professor, Social Sciences Department, 2006

University of Massachusetts-Amherst, Amherst, MA
Adjunct Professor, Department of Economics, 2003 – 2006

Castleton State College and the Southeast Vermont Community Learning Collaborative,
Dummerston, VT
Adjunct Professor, 2005

School for International Training, Brattleboro, VT

Adjunct Professor, Program in Intercultural Management, Leadership, and Service, 2004

EDUCATION

University of Massachusetts-Amherst, Amherst, MA

Doctor of Philosophy in Economics, 2007

New Mexico State University Las Cruces, NM

Master of Arts in Economics, 2000

School for International Training, Brattleboro, VT

Bachelor of International Studies, 1994

AFFILIATIONS

Global Development and Environment Institute, Tufts University, Medford, MA.

Visiting Scholar, 2013 – present, *Research fellow*, 2007 – 2012.

BOOKS AND BOOK CHAPTERS

Ackerman, F. and E. A. Stanton. 2015. "Climate Impacts on Agriculture: A Challenge to Complacency?" In *The Oxford Handbook of the Macroeconomic of Global Warming*, eds. Bernard, L. and W. Semmler. New York: Oxford University Press.

Ackerman, F. and E. A. Stanton. 2014. *Climate and Global Equity*. London: Anthem Press.

Ackerman, F. and E. A. Stanton. 2013. *Climate Economics: The State of the Art (Routledge Studies in Ecological Economics)*. Oxford: Routledge.

Stanton, E. A. 2011. "Greenhouse Gases and Human Well-Being: China in a Global Perspective." In *The Economics of Climate Change in China: Towards and Low-Carbon Economy* eds. Gang, F., N. Stern, O. Edenhofer, X. Shanda, K. Eklund, F. Ackerman, L. Lailai, K. Hallding. London: Earthscan. Previous version appeared as Stockholm Environment Institute-U.S. Center (SEI-U.S.) Working Paper WP-US-0907.

Boyce, J. K., E. A. Stanton, and S. Narain, eds. 2007. *Reclaiming Nature: Worldwide Strategies for Building Natural Assets*. London: Anthem Press.

Boyce, J. K., E. A. Stanton, and S. Narain. 2007. "Land Reform and Sustainable Development." In *Reclaiming Nature: Worldwide Strategies for Building Natural Assets*, eds. Boyce, J. K., E. A. Stanton, and S. Narain. London: Anthem Press.

Stanton, E.A. 2007. "Inequality and the Human Development Index." PhD diss., University of Massachusetts Amherst, 2007.

Stanton, E. A. and J. K. Boyce. 2005. *Environment for the People*. Political Economy Research Institute: Amherst, MA.

PAPERS AND REPORTS

Knight, P., E.A. Stanton. 2016. *Sorting Out New England's Pipeline Needs: A Round Up of Recent Studies and What They Mean*. Synapse Energy Economics.

Stanton, E. A., P. Knight, A. Allison, T. Comings, A. Horowitz, W. Ong, N. R. Santen, K. Takahashi. 2016. *The RGGI Opportunity 2.0: RGGI as the Electric Sector Compliance Tool to Achieve 2030 State Climate Targets*. Synapse Energy Economics for Sierra Club, Pace Energy and Climate Center, and Chesapeake Climate Action Network.

Jackson, S., P. Luckow, E.A. Stanton, A. Horowitz, P. Peterson, T. Comings, J. Daniel, and T. Vitolo. 2016. *Reimagining Brayton Point: A Guide to Assessing Reuse Options for the Somerset Community*. Prepared by Synapse Energy Economics for Coalition for Clean Air South Coast, Clean Water Action, and Toxics Action Center.

Stanton, E. A., P. Knight, A. Allison, T. Comings, A. Horowitz, W. Ong, N. R. Santen, K. Takahashi. 2016. *The RGGI Opportunity: RGGI as the Electric Sector Compliance Tool to Achieve 2030 State Climate Targets*. Synapse Energy Economics for Sierra Club, Pace Energy and Climate Center, and Chesapeake Climate Action Network.

Luckow, P., E.A. Stanton, S. Fields, W. Ong, B. Biewald, S. Jackson, J. Fisher. 2016. *Spring 2016 National Carbon Dioxide Price Forecast*. Synapse Energy Economics.

Knight, P., A. Allison, W. Ong, N. R. Santen, E. A. Stanton. 2016. *Cutting Electric Bills with the Clean Power Plan*. Synapse Energy Economics.

Horowitz, A., S. Jackson, A. Allison, E. A. Stanton. 2016. *Environmental Justice and the Clean Power Plan*. Synapse Energy Economics for The Energy Foundation.

Jackson, S., N. R. Santen, P. Knight, S. Fields, B. Biewald, E. A. Stanton. 2015. *Clean Power Plan Handbook: A Guide to the Final Rule for Consumer Advocates*. Synapse Energy Economics for National Association of State Utility Consumer Advocates.

Wilson, R., T. Comings, E. A. Stanton. 2015. *Analysis of the Tongue River Railroad Draft Environmental Impact Statement*. Synapse Energy Economics for Sierra Club and Earthjustice.

Knight, P., S. Fields, S. Jackson, W. Ong, N. R. Santen, B. Biewald, E. A. Stanton. 2015. *Multi-State Compliance with the Clean Power Plan in CP3T*. Synapse Energy Economics for the National Association of State Utility Consumer Advocates.

Vitolo, T., P. Luckow, S. Fields, P. Knight, B. Biewald, E. A. Stanton. 2015. *Lower Electric Costs in a Low-Emission Future*. Synapse Energy Economics.

Stanton, E. A., T. Comings, S. Jackson, E. Karaca. 2015. *Atlantic Coast Pipeline Benefits Review*. Synapse Energy Economics for Southern Environmental Law Center.

Wilson, R., M. Whited, S. Jackson, B. Biewald, E. A. Stanton. 2015. *Best Practices in Planning for Clean Power Plan Compliance*. Synapse Energy Economics for the National Association of State Utility Consumer Advocates.

Fields, S., S. Jackson, P. Knight, E.A. Stanton. 2015. Internal briefing on Clean Power Plan compliance in Ohio. Synapse Energy Economics for Office of the Ohio Consumers' Counsel.

Luckow, P., E. A. Stanton, S. Fields, B. Biewald, S. Jackson, J. Fisher, R. Wilson. 2015. *2015 Carbon Dioxide Price Forecast*. Synapse Energy Economics.

Knight, P., A. Allison, E.A. Stanton. 2015. Preliminary Clean Power Plan Analysis for Kentucky. Synapse Energy Economics for Kentuckians for the Commonwealth.

Stanton, E. A., P. Knight, J. Daniel, B. Fagan, D. Hurley, J. Kallay, E. Karaca, G. Keith, E. Malone, W. Ong, P. Peterson, L. Silvestrini, K. Takahashi, R. Wilson. 2015. *Massachusetts Low Gas Demand Analysis: Final Report*. Synapse Energy Economics for the Massachusetts Department of Energy Resources.

Fields, S., E. A. Stanton, P. Knight, B. Biewald, J. Daniel, S. Jackson, E. Karaca, J. Rosenkranz, K. Takahashi. 2014. *Calculating Alabama's 111(d) Target*. Synapse Energy Economics for the Southern Environmental Law Center.

Fields, S., E. A. Stanton, P. Knight, B. Biewald, J. Daniel, S. Jackson, E. Karaca, J. Rosenkranz, K. Takahashi. 2014. *Calculating Georgia's 111(d) Target*. Synapse Energy Economics for the Southern Environmental Law Center.

Fields, S., E. A. Stanton, P. Knight, B. Biewald, J. Daniel, S. Jackson, E. Karaca, J. Rosenkranz, K. Takahashi. 2014. *Alternate Scenarios for 111(d) Implementation in North Carolina*. Synapse Energy Economics for the Southern Environmental Law Center.

Stanton, E. A. 2014. "What Carbon Costs Us." *EPS Quarterly* 27 (4): 7-8.

Stanton, E. A., S. Jackson, B. Biewald, M. Whited. 2014. *Final Report: Implications of EPA's Proposed "Clean Power Plan."* Synapse Energy Economics for the National Association of State Utility Consumer Advocates.

Stanton, E. A., J. Daniel, T. Vitolo, P. Knight, D. White, G. Keith. 2014. *Net Metering in Mississippi: Costs, Benefits, and Policy Considerations*. Synapse Energy Economics for the Public Service Commission of Mississippi.

Knight, P., E.A. Stanton, B. Biewald, J. Daniels, S. Fields, S. Jackson, A. Napoleon, J. Rosenkranz, and K. Takahashi. 2014. Internal briefing on Clean Power Plan implementation in Virginia. Synapse Energy Economics for Sierra Club.

Jackson, S., E.A. Stanton. 2014. Internal briefing on Clean Power Plan implementation in Minnesota. Synapse Energy Economics for Sierra Club.

Knight, P., E.A. Stanton, B. Biewald, J. Daniels, S. Fields, S. Jackson, A. Napoleon, J. Rosenkranz, and K. Takahashi. 2014. Internal briefing on Clean Power Plan implementation in Florida. Synapse Energy Economics for Sierra Club.

E.A. Stanton, S. Jackson, B. Biewald, M. Chang, J. Daniels, S. Fields, P. Knight, A. Napoleon, M. Whited, and K. Takahashi. 2014. Internal briefing on Clean Power Plan implementation in Arizona, Montana, Nevada, and Utah. Synapse Energy Economics for Sierra Club.

E.A. Stanton, S. Jackson, B. Biewald, M. Chang, J. Daniels, S. Fields, P. Knight, A. Napoleon, and K. Takahashi. 2014. Internal briefing on Clean Power Plan implementation Illinois for Sierra Club.

Luckow, P., E. A. Stanton, B. Biewald, S. Fields, S. Jackson, J. Fisher, F. Ackerman. 2014. *CO₂ Price Report, Spring 2014: Includes 2013 CO₂ Price Forecast*. Synapse Energy Economics.

Fisher, J., P. Knight, E. A. Stanton, and B. Biewald. 2014. *Avoided Emissions and Generation Tool (AVERT): User Manual*. Version 1.0. Synapse Energy Economics for the U.S. Environmental Protection Agency.

Stanton, E. A., M. Whited, F. Ackerman. 2014. *Estimating the Cost of Saved Energy in Utility Efficiency Programs*. Synapse Energy Economics for the U.S. Environmental Protection Agency.

Stanton, E. A., F. Ackerman, J. Daniel. 2013. *Comments on the 2013 Technical Update of the Social Cost of Carbon*. Synapse Energy Economics for the Environment, Economics and Society Institute.

Luckow, P., E. A. Stanton, B. Biewald, J. Fisher, F. Ackerman, E. Hausman. 2013. *2013 Carbon Dioxide Price Forecast*. Synapse Energy Economics.

Stanton, E. A., S. Jackson, G. Keith, E. Malone, D. White, T. Woolf. 2013. *A Clean Energy Standard for Massachusetts*. Synapse Energy Economics for the Massachusetts Clean Energy Center and the Massachusetts Departments of Energy Resources, Environmental Protection, and Public Utilities.

Knight, P., E. A. Stanton, J. Fisher, B. Biewald. 2013. *Forecasting Coal Unit Competitiveness: Coal Retirement Assessment Using Synapse's Coal Asset Valuation Tool (CAVT)*. Synapse Energy Economics for Energy Foundation.

Hornby, R., P. Chernick, D. White, J. Rosenkranz, R. Denhardt, E. Stanton, J. Glifford, B. Grace, M. Chang, P. Luckow, T. Vitolo, P. Knight, B. Griffiths, B. Biewald. 2013. *Avoided Energy Supply Costs in New England: 2013 Report*. Synapse Energy Economics for Avoided-Energy-Supply-Component (AESC) Study Group.

Stanton, E. A., T. Comings, K. Takahashi, P. Knight, T. Vitolo, E. Hausman. 2013. *Economic Impacts of the NRDC Carbon Standard*. Synapse Energy Economics for the Natural Resources Defense Council (NRDC).

Danish Energy Agency, Organisation for Economic Co-operation, and the UNEP Riso Centre. 2013. *National Greenhouse Gas Emissions Baseline Scenarios: Learning from Experiences in Developing Countries*.

Whited, M., D. White, S. Jackson, P. Knight, E. A. Stanton. 2013. *Declining Markets for Montana Coal*. Synapse Energy Economics for Northern Plains Resource Council.

Stanton, E. A., F. Ackerman. 2013. *Climate Impacts on Agriculture: A Challenge to Complacency?* Global Development and Environment Institute Working Paper 13-01.

Stanton, E. A., F. Ackerman, T. Comings, P. Knight, T. Vitolo, E. Hausman. 2013. *Will LNG Exports Benefit the United States Economy?* Synapse Energy Economics for the Sierra Club.

Ackerman, F., T. Vitolo, E. Stanton, G. Keith. 2013. *Not-so-smart ALEC: Inside the attacks on renewable energy*. Synapse Energy Economics for the Civil Society Institute.

Ackerman, F., E. A. Stanton, R. Bueno. 2012. *Climate Policy and Development: An Economic Analysis*. Economics for Equity and the Environment (E3 Network) Working Paper.

Stanton, E. A., M. Taylor. 2012. *A Good Environment for Jobs*. Economics for Equity and the Environment (E3 Network) Working Paper.

Stanton, E. A., F. Ackerman, R. Bueno. 2012. *Reason, Empathy, and Fair Play: The Climate Policy Gap*. UNDESA Working Paper.

Erickson, P., M. Lazarus, E. A. Stanton, C. Chandler, R. Bueno, F. Ackerman, C. Munitz, J. Cegan. 2012. *Greenhouse Gas Emissions in King County: An Updated Geographic-plus Inventory, a Consumption-based Inventory, and an Ongoing Tracking Framework*. Stockholm Environment Institute-U.S. Center (SEI-U.S.) for King County, Washington.

Stanton, E. A., R. Bueno, J. Cegan, C. Munitz. 2012. *King County Community Greenhouse Gas Emissions Inventory – Consumption Methodology: Technical Report*. Stockholm Environment Institute-U.S. Center (SEI-U.S.) for King County, Washington.

Stanton, E. A., J. Cegan, R. Bueno, F. Ackerman. 2012. *Estimating Regions' Relative Vulnerability to Climate Damages in the CRED Model*. Stockholm Environment Institute-U.S. Center (SEI-U.S.) Working Paper WP-US-1103.

Stanton, E. A. 2012. *Development without Carbon as Climate Policy*. Economics for Equity and the Environment (E3 Network) Working Paper.

Ackerman, F., E. A. Stanton, R. Bueno. 2012. *Epstein-Zin utility in DICE: Is risk aversion irrelevant to climate policy?* Economics for Equity and the Environment (E3 Network) Working Paper.

Stanton, E. A., R. Bueno, M. Davis. 2011. *Real People, Real Impacts: The Climate Impact Equity Lens*. Stockholm Environment Institute-U.S. Center (SEI-U.S.) Report.

Stanton, E. A., R. Bueno. 2011. *The CIEL Backgrounder: Understanding the Climate Impact Equity Lens*. Stockholm Environment Institute-U.S. Center (SEI-U.S.) Report.

Stanton E. A. 2011. *Development without Carbon: Climate and the Global Economy through the 21st Century*. Stockholm Environment Institute-U.S. Center (SEI-U.S.) Report.

Erickson, P., M. Lazarus, E. A. Stanton, F. Ackerman. 2011. *Consumption-Based Greenhouse Gas Emissions Inventory for Oregon – 2005: Summary Report*. Stockholm Environment Institute-U.S. Center (SEI-U.S.) for the State of Oregon Department of Environmental Quality.

Stanton, E. A., R. Bueno, F. Ackerman, P. Erickson, R. Hammerschlag, J. Cegan. 2011. *Consumption-Based Greenhouse Gas Emissions Inventory for Oregon – 2005: Technical Report*. Stockholm Environment Institute-U.S. Center (SEI-U.S.) for the State of Oregon Department of Environmental Quality.

Ackerman, F., E. A. Stanton. 2011. *The Social Cost of Carbon*. Economics for Equity and the Environment (E3 Network).

Stanton, E. A., R. Bueno, J. Cegan, C. Munitz. 2011. *Consumption-Based Emissions Inventory for San Francisco: Technical Report*. Stockholm Environment Institute-U.S. Center (SEI-U.S.) for the City of San Francisco, California.

Stanton, E. A., F. Ackerman. 2011. *Developing Baselines for Climate Policy Analysis*. Stockholm Environment Institute-U.S. Center (SEI-U.S.) Additional guidance for United Nations Environmental Programme (UNEP) MCA4climate Initiative: A practical framework for planning pro-development climate policies.

Ackerman, F., E. A. Stanton. 2011. *Accounting for Risk and Uncertainty in Climate Policy Assessment: Additional guidance supporting UNEP’s MCA4climate initiative: A practical framework for planning pro-development climate policies*. Stockholm Environment Institute-U.S. Center (SEI-U.S.).

Ackerman, F., E. A. Stanton. 2011. *The Last Drop: Climate Change and the Southwest Water Crisis*. Stockholm Environment Institute-U.S. Center (SEI-U.S.) project funded by a Kresge Foundation grant.

Stanton, E. A., E. Fitzgerald. 2011. *California Water Supply and Demand: Technical Report*. Stockholm Environment Institute-U.S. Center (SEI-U.S.) project funded by a Kresge Foundation grant.

Bueno, R., E. A. Stanton. 2011. *Casting DICE for 350 ppm*. Stockholm Environment Institute-U.S. Center (SEI-U.S.) Working Paper WPUS-1101.

Stanton, E. A., F. Ackerman. 2010. *Emission Reduction, Interstate Equity, and the Price of Carbon*. Economics for Equity and the Environment (E3 Network).

Stanton, E. A., F. Ackerman. 2010. *No State Left Behind: A Better Approach to Climate Policy*. Economics for Equity and the Environment (E3 Network) White Paper.

Ackerman, F., E. A. Stanton, R. Bueno. 2010. *CRED: A New Model of Climate and Development*. United Nations Department of Economic and Social Affairs Working Paper.

Stanton, E. A., M. Davis, A. Fencel. 2010. *Costing Climate Impacts and Adaptation: A Canadian Study on Coastal Zones*. Stockholm Environment Institute-U.S. Center (SEI-U.S.) for the National Round Table on the Environment and the Economy Economic Risks and Opportunities of Climate Change Program.

Ackerman, F., E. A. Stanton. 2010. *The socio-economic implications of climate change on FYR Macedonia and national policy options on adaptation*. Report commissioned by the United Nations Development Programme (UNDP).

Ackerman, F., E. A. Stanton, S. DeCanio, E. Goodstein, R. Howarth, R. Norgaard, C. Norman, K. Sheeran. 2009. *The Economics of 350: The Benefits and Costs of Climate Stabilization*. Economics for Equity and the Environment (E3 Network), Stockholm Environment Institute-U.S. Center (SEI-U.S.), Ecotrust.

Stanton, E. A., F. Ackerman, K. Sheeran. 2009. *Understanding Interstate Differences in U.S. Greenhouse Gas Emissions*. Stockholm Environment Institute-U.S. Center (SEI-U.S.) Working Paper WP-US-1004.

Stanton, E. A., F. Ackerman, K. Sheeran. 2009. *Greenhouse Gases and the American Lifestyle: Understanding Interstate Differences in Emissions*. Economics for Equity and the Environment (E3 Network), Ecotrust.

Stanton, E. A., F. Ackerman, F. Resende. 2009. *The Socio-Economic Impact of Climate Change in Armenia*. Stockholm Environment Institute-U.S. Center (SEI-U.S.) for the United Nations Development Programme (UNDP).

Stanton, E. A., F. Ackerman. 2008. *Generated User Benefits and the Heathrow Expansion: Understanding Consumer Surplus*. Stockholm Environment Institute-U.S. Center (SEI-U.S.) for Friends of the Earth England, Wales and Northern Ireland.

Stanton, E. A., F. Ackerman. 2008. *Out of the Shadows: What's Behind DEFRA's New Approach to the Price of Carbon*. Stockholm Environment Institute-U.S. Center (SEI-U.S.) for Friends of the Earth England, Wales and Northern Ireland.

Bueno, R., C. Herzfeld, E. A. Stanton, F. Ackerman. 2008. *The Caribbean and Climate Change: The Costs of Inaction*. Stockholm Environment Institute-U.S. Center (SEI-U.S.) for Environmental Defense Fund.

Ackerman, F., E. A. Stanton. 2008. *The Cost of Climate Change: What We'll Pay if Global Warming Continues Unchecked*. Stockholm Environment Institute-U.S. Center (SEI-U.S.) for Natural Resources Defense Council (NRDC).

Stanton, E. A. 2008. Literature review of water resources infrastructure and related environmental costs and benefits, "Default Case Study Values and Management Options for WEAP in Massachusetts" for Keep Water Local, a project of the Massachusetts Riverways Program, Commonwealth of Massachusetts.

Stanton, E. A., F. Ackerman. 2007. *Florida and Climate Change: The Costs of Inaction*. Stockholm Environment Institute-U.S. Center (SEI-U.S.) for Environmental Defense Fund (EDF).

Stanton, E. A. 2007. *United States-Specific Human Development Index: Methodology and Data*. Report commissioned by American Human Development Report Project, as a technical background paper to *The Measure of America: American Human Development Report 2008-2009*.

Ackerman, F., E. A. Stanton. 2006. *Climate Change – the Costs of Inaction*. Stockholm Environment Institute-U.S. Center (SEI-U.S.) for Friends of the Earth England, Wales and Northern Ireland.

Ackerman, F., E. A. Stanton. 2006. *Implications of REACH for the Developing Countries*. Global Development and Environmental Institute – Tufts University for European Parliament, Directorate-General for External Policies of the Union.

JOURNAL ARTICLES

Luckow, P., J. Daniel, S. Fields, E. A. Stanton, B. Biewald. 2014. “CO₂ Price Forecast: Planning for Future Environmental Regulations.” *EM Magazine*, June 2014, 57-59.

Ackerman, F., E. A. Stanton, R. Bueno. Sep. 2013. “Epstein-Zin utility in DICE: Is risk aversion irrelevant to climate policy?” *Environmental and Resource Economics* 56 (1): 73 – 84. doi: 10.1007/s10640-013-9645-z.

Stanton, E. A. July 2012. “Modeling Pessimism: Does Climate Stabilization Require a Failure of Development?” *Environmental Development* 3:65 – 76.

Stanton, E. A. Mar. 2012. “The Tragedy of Maldistribution: Climate, Sustainability, and Equity.” *Sustainability* 4 (3): 394 – 411.

Erickson, P., D. Allaway, M. Lazarus, E. A. Stanton. Mar. 2012. “A Consumption-Based GHG Inventory for the U.S. State of Oregon.” *Environmental Science & Technology* 46 (7): 3679–3686.

Ackerman, F., E. A. Stanton, R. Bueno. Jan. 2011. “CRED: A new model of climate and development.” *Ecological Economics* 85 (January): 166–176.

Ackerman, F. and E. A. Stanton. 2012. “Climate Risks and Carbon Prices: Revising the Social Cost of Carbon.” *Economics: The Open-Access, Open-Assessment E-Journal* 6 (2012-10): 1–25, <http://dx.doi.org/10.5018/economics-ejournal.ja.2012-10>.

Ackerman, F., E. A. Stanton, S. DeCanio, E. Goodstein, R. Howarth, R. Norgaard, C. Norman, K. Sheeran. Oct. 2010. “The Economics of 350.” *Solutions* 1 (5): 49–56.

Ackerman, F., E. A. Stanton, R. Bueno. June 2010. “Fat Tails, Exponents, Extreme Uncertainty: Simulating Catastrophe in DICE.” *Ecological Economics* 69 (8): 1657–1665.

Stanton, E. A., F. Ackerman. Dec. 2009. “Climate and development economics: Balancing science, politics and equity.” *Natural Resources Forum* 33 (4): 262–273.

Stanton, E. A., F. Ackerman, S. Kartha. July 2009. "Inside the Integrated Assessment Models: Four Issues in Climate Economics." *Climate and Development* 1 (2): 166–184.

Stanton, E. A. May 2009. "Negishi welfare weights in integrated assessment models: The mathematics of global inequality." *Climatic Change* 107 (3): 417–432.

Ackerman, F., E. A. Stanton, C. Hope, S. Alberth. 2009. "Did the Stern Review Underestimate U.S. and Global Climate Damages?" *Energy Policy* 37 (7): 2717–2721.

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TESTIMONY AND EXPERT COMMENTS

Testimony Regarding the National Grid Analysis of Economic Benefits of Proposed Access Northeast Gas Pipeline (2016). Stanton, E.A. Testimony to the Massachusetts Department of Public Utilities on behalf of Conservation Law Foundation. Docket No. 16-05. June 20, 2016.

Testimony Regarding the Eversource Analysis of Economic Benefits of Proposed Access Northeast Gas Pipeline (2016). Stanton, E.A. Testimony to the Massachusetts Department of Public Utilities on behalf of Conservation Law Foundation. Docket No. 15-181. June 13, 2016.

Testimony on Byron Fleet Benefits (2016). Stanton, E.A. Testimony to the Illinois Property Tax Appeal Board on behalf of Whitt Law, Docket Nos. 12-01248 and 12-02297. May 18, 2016.

Byron Fleet Benefit Rebuttal (2015). Stanton, E.A., P. Knight, F. Ackerman, and N.R. Santen. Expert comments submitted as part of Whitt Law testimony to the Illinois Property Tax Appeal Board, Docket Nos. 12-01248 and 12-02297. April 3, 2015.

Electricity Market Restructuring and the Nuclear Industry (2015). Noguee, A., M. Chang, P. Knight, and E.A. Stanton. Expert comments submitted as part of Whitt Law testimony regarding Byron Station to the Illinois Property Tax Appeal Board, Docket Nos. 12-01248 and 12-02297. April 3, 2015.

Testimony on the Economic Analyses of a Proposed Brockton Power Company Generating Facility (2015). Stanton, E. A. Testimony to the Massachusetts Department of Environmental Protection on behalf of Alternatives for Community & Environment, Docket No. 2011-025 & 026.

Testimony in Opposition to HB 208 Repealing the New Hampshire Regional Greenhouse Gas Initiative (2015). Stanton, E.A. and P. Knight. Testimony to the Science, Technology and Energy Committee on behalf of New Hampshire's Office of Consumer Advocate. January 22, 2015.

Testimony Regarding the Cost of Compliance with the Global Warming Solutions Act (2014). Stanton, E. A. Testimony to the Commonwealth of Massachusetts Department of Public Utilities on behalf of the Massachusetts Department of Energy Resources and the Department of Environmental Protection, Docket No. DPU 14-86.

Comments on the 2013 Technical Update of the Social Cost of Carbon (2014). Stanton E. A., F. Ackerman, and J. Daniel. Submitted as part of Environment, Economics, and Society Institute comments on Docket No. OMB-OMB-2013-0007.

Testimony Regarding the Prudence of Public Service of New Hampshire's Scrubber Project at Merrimack Station (2013). Elizabeth A. Stanton on behalf of the Conservation Law Foundation. Testimony to the New Hampshire Public Utilities Commission, Docket No. DE 11-250.

Review of EPA's June 2013 Steam Electric Effluent Limitations and Guidelines (40 CFR Part 423) (2013). Stanton E. A., J. Daniel, F. Ackerman, S. Jackson. Submitted as part of Earthjustice/Sierra Club/Environmental Integrity Project testimony on Docket No. EPA-HQ-OW-2009-0819.

LaSalle Fleet Benefit Rebuttal (2013). Stanton, E. A., P. Knight, and F. Ackerman. Expert comments submitted as part of Whitt Law testimony to the Illinois Property Tax Appeal Board, Dockets No. 09-04906.001-I-3, 09-04906.002-I-310-03549.001, 10-03549.002, 12-00643.001, 12-00643.002, 12-00643.003.

Electricity Market Restructuring and the Nuclear Industry (2013). Noguee A., M. Chang, P. Knight, E. A. Stanton. Expert comments submitted as part of Whitt Law testimony regarding LaSalle Station to the Illinois Property Tax Appeal Board, Dockets No. 09-04906.001-I-3, 09-04906.002-I-310-03549.001, 10-03549.002, 12-00643.001, 12-00643.002, 12-00643.003.

Testimony Regarding Vermont Gas System's Petition for Authorization to Construct New Natural Gas Transmission Pipeline (2013). Elizabeth A. Stanton on behalf of the Conservation Law Foundation. Testimony to the State of Vermont Public Service Board, Docket No. 7970.

Regulation of Cooling Water Intake Structures at Existing Facilities (2011). Frank Ackerman and Elizabeth A. Stanton. Testimony to the U.S. Environmental Protection Agency, Docket ID EPA-HQ-OW-2008-0667.

Testimony on EPA's 'Coal Combustion Residuals: Proposed Rule' (2010). Ackerman, F. and E. A. Stanton. Submitted as part of Earthjustice/Environmental Integrity Project testimony on Docket ID EPA-HQ-RCRA-2009-6040.

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