

Committee on Energy and Commerce
U.S. House of Representatives
 Witness Disclosure Requirement - "Truth in Testimony"
 Required by House Rule XI, Clause 2(g)

1. Your Name: <u>Mv. Daniel A. Lashof</u>		
2. Are you testifying on behalf of the Federal, or a State or local government entity?	Yes	No ✓
3. Are you testifying on behalf of an entity that is not a government entity?	Yes ✓	No
4. Other than yourself, please list which entity or entities you are representing: <u>The Natural Resources Defense Council (NRDC)</u>		
5. Please list any Federal grants or contracts (including subgrants or subcontracts) that you or the entity you represent have received on or after October 1, 2009: <u>The witness has not personally received federal grants or contracts from the federal government on or after October 1st, 2009.</u>		
6. If your answer to the question in item 3 in this form is "yes," please describe your position or representational capacity with the entity or entities you are representing: <u>Director, Climate and Clean Air Program</u>		
7. If your answer to the question in item 3 is "yes," do any of the entities disclosed in item 4 have parent organizations, subsidiaries, or partnerships that you are not representing in your testimony?	Yes ✓	No
8. If the answer to the question in item 3 is "yes," please list any Federal grants or contracts (including subgrants or subcontracts) that were received by the entities listed under the question in item 4 on or after October 1, 2009, that exceed 10 percent of the revenue of the entities in the year received, including the source and amount of each grant or contract to be listed: <u>None - see attached list of federal grants less than 10% of revenue</u>		
9. Please attach your curriculum vitae to your completed disclosure form.		

Signature: 

Date: 9/18/2012

Federal Grants and Contracts Received by NRDC during FY09 - FY12

1. US EPA
EPA EnergyStar Program, voluntary energy efficiency programs, appliances and residential and commercial buildings, Clean Air Act Program
Award 1,150,123 (3 year)
2. US DOS
Expanding DSM Practice in China Under the Asia-Pacific Partnership on Clean Development and Climates (APP) Program
Award \$750,000 (18 months)
3. US DOE
NRDC is subcontractor to Vermont Energy Investment Company to develop best practices, fact sheets, webinars and similar resources to offer ARRA grantees successful models to use as they implement their projects
Award \$100,000 (2 1/2 year)
4. USDA
NRDC is subcontractor to Sureharvest on NRCS Conservation Innovation Grant work
Award \$205,000 (18 months)
5. US EPA
EPA EnergyStar Program, voluntary energy efficiency programs, appliances and residential and commercial buildings
Award \$1,122,674 (3 year)
6. US DOE
NRDC is subcontractor to Lawrence Berkley National Laboratory on the U.S./China Clean Energy Resource Center—Building Energy Efficiency (CERC—BEE) project
Award \$1,125,000 (5 year)

Daniel A. Lashof, Ph.D.
DLashof@NRDC.org
202-289-2399

EMPLOYMENT

Natural Resources Defense Council

Director, Climate and Clean Air Program	September 2011- present
Climate Center Director	March 2008 – August 2011
Climate Center Science Director	2001 – 2008
Senior Scientist	1989 – 2001

Yale University

September – December 2011

Distinguished Bass Scholar, Yale Institute for Biospheric Studies
Lecturer, Yale School of Forestry & Environmental Studies

United States Environmental Protection Agency:

Environmental Scientist April 1988 – April 1989

- Authored the first official US EPA Report to Congress concluding that global climate change was an urgent, human-caused pollution problem with realistic solutions. This report was influential as soon as the draft was published—and the White House refused to allow it to be finalized.

The Bruce Company

Senior Analyst May 1987 – April 1988

- Conducted Climate Change solution analysis for EPA.

Lawrence Berkeley Laboratory

Research Assistant July 1982 – June 1985

- Conducted experiments to measure changes in atmospheric oxygen

Solar Energy Research Institute

Consultant, Strategic Planning Branch July 1980 – May 1981

EDUCATION

University of California, Berkeley

Ph.D. in Energy and Resources, 1987.

- Dissertation: *The Role of the Biosphere in the Global Carbon Cycle--Alternative Methods of Evaluation.*

M.S. in Energy and Resources, 1983.

Harvard University

A.B. Magna Cum Laude in Physics and Mathematics, 1980.

University of Chicago High School

HONORS AND APPOINTMENTS (selected)

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|------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 2001 | Member, National Research Council of the National Academies of Sciences, Committee on Atmospheric Chemistry, Report on Global Air Quality |
| 2000 | Lead Author, Intergovernmental Panel on Climate Change Special Report Land Use, Land-Use Change, and Forestry |
| 1997 | Member, Panel on Energy Research and Development
President's Council of Advisors on Science and Technology |
| 1997 | Member, Subcommittee on Energy, Clean Air, and Climate Change
Federal Advisory Committee on Clean Air Act Implementation |

REFERENCES

Frances Beinecke
President, Natural Resources Defense Council
fbeinecke@nrdc.org
(212) 727-2700

Additional references available on request.

MAJOR PUBLICATIONS

Doniger, D., A. Herzog, and D. Lashof, 2006. "An Ambitious, Centrist Approach to Global Warming Legislation." *Science*, 3 November.

Hawkins, D., D. Lashof, and R. Williams, 2006. "What to Do about Coal." *Scientific American*, September.

Lashof, D. and R. Hwang, 2003. *Dangerous Addiction 2003: Breaking the Chain of Oil Dependence*. Natural Resources Defense Council, NY.

Lashof, D. and P. Silva, 2001. *A Responsible Energy Policy for the 21st Century*. Natural Resources Defense Council, NY.

IPCC, 2000. *Special Report on LandUse, Land-Use Change, and Forestry*. Geneva.

Lashof, D. and B. Hare, 1999. "The Role of Biotic Carbon Stocks in Stabilizing Greenhouse Gas Concentration at Safe Levels." *Environmental Science and Policy* 2.

Lashof, D., B. DeAngelo, S. Saleska, and J. Harte, 1997. "Terrestrial Ecosystem Feedbacks to Global Climate Change." *Annual Review of Energy and the Environment* 22:75-118.

Lashof, D., 1997. "A Phased Approach to Climate Protection." (Japanese translation) *Journal of Research on Environmental Disruption* 27(2):8-11.

Energy Innovations, 1997. *Energy Innovations: A Prosperous Path to a Clean Environment*. Washington DC.: Alliance to Save Energy, American Council for an Energy-Efficient Economy, Natural Resources Defense Council, Tellus Institute, and Union of Concerned Scientists. (Co-editor with J. DeCicco and D. Gordon; study steering committee with S. Bernow, J. DeCicco, A. Meyer, and D. Norland; author of Chapter 1; co-author of Chapter 6, with S. Bernow and J. DeCicco.)

Lashof, D., 1994. "Global Climate Change: The Dangers Are Real." *The Electricity Journal* 7(1):55-65.

Goldstein, D., and D. Lashof, 1993. "A Prudent Approach to the Risks of Global Warming." *The Electricity Journal* 6(10):33-38.

Lashof, D., 1993. "The Btu Tax: A Revenue Source That Fights Pollution." *Tax Notes* 59:1271-1274.

Cavanagh, R., A. Gupta, D. Lashof, and M. Tatsutani, 1993. "Utilities and CO₂ Emissions: Who Bears the Risks of Future Regulation?" *The Electricity Journal* 6(2):64-75.

Geller, H., D. Lashof, A. Meyer, M. B. Zimmerman, 1991 (eds). *America's Energy Choices: Investing in a Strong Economy and A Clean Environment*. Union of Concerned Scientists, Cambridge.

Lashof, D., 1991. "EPA's Scenarios for Future Greenhouse Gas Emissions and Global Warming." *The Energy Journal* 12(1):125-146

Lashof, D., 1991. "The Contribution of Biomass Burning to Global Warming: An Integrated Assessment." in J. Levine, ed., *Global Biomass Burning: Atmospheric, Climatic, and Biospheric Implications*. MIT Press, Cambridge.

Lashof, D., 1991. "Gaia on the Brink: Biogeochemical Feedback Processes in Global Warming." in S. Schneider and P. Boston, eds., *Scientists on Gaia*. MIT Press, Cambridge.

Lashof, D., 1990. "Sources and Sinks, Direct Forcing, and Feedbacks." In F. Rijsberman and R. Swart, eds., *Targets and Indicators of Climatic Change*. Stockholm Environment Institute, Stockholm.

Rotmans, J., D. Lashof, and M. den Elzen, 1990. "Global Warming Potentials." In F. Rijsberman and R. Swart, eds., *Targets and Indicators of Climatic Change*. Stockholm Environment Institute, Stockholm.

Lashof, D. and D.R. Ahuja, 1990. "Relative Contributions of Greenhouse Gas Emissions to Global Warming". *Nature* 344:529-531.

Wirth, D. and D. Lashof, 1990. "Beyond Vienna and Montreal - Multilateral Agreements on Greenhouse Gases". *Ambio* 19(6-7):305-310. Reprinted in *Greenhouse Warming: Negotiating a Global Regime*, World Resources Institute, Washington, 1991; and *Transnational Law & Contemporary Problems* 2(1):79-111, 1992.

Burke, L., and D. Lashof, 1990. "Greenhouse Gas Emissions Related to Agriculture and Land-Use Practices." In *Impact of Carbon Dioxide, Trace Gases, and Climate Change on Global Agriculture*, ASA Special Publication no. 53., American Society of Agronomy, Crop Science Society of America, Soil Science Society of America, Madison.

Lashof, D. and D. Tirpak, 1990. *Policy Options for Stabilizing Global Climate: Report to Congress*. U.S. Environmental Protection Agency, Washington.

Lashof, D., 1989. "The Dynamic Greenhouse: Feedback Processes that May Influence Future Concentrations of Greenhouse Gases and Climate Change." *Climatic Change* 14:231-242.

Lashof, D., 1987. "Comment on 'The Effect of Changing Climate on Australian Biomass Production --A Preliminary Study', A. B. Pittock and H. A. Nix (*Climatic Change* 8:243-255)." *Climatic Change* 11:391-392.

Lashof, D., 1987. *The Role of the Biosphere in the Global Carbon Cycle: Alternative Methods of Evaluation*. Ph.D. Dissertation, Energy and Resources Group, University of California, Berkeley.

Tans, P., and D. Lashof, 1985. *A Raman Scattering Method for High Precision Comparative Measurements of the Oxygen Concentration in Air*. Lawrence Berkeley Laboratory Report LBL-19977/UC-37 (Available NTIS, Springfield).

Lashof, D., 1983. *The Global Carbon Cycle and Atmospheric Oxygen*. Master's Thesis, Energy and Resources Group, University of California, Berkeley.

TESTIMONY, ARTICLES, and REPORTS

(partial list)

Lashof, D. May 24, 2007. Testimony before the Committee on Energy and Commerce. United States House of Representatives.

Lashof, D. January 24, 2007. Testimony before the Committee on Energy and Natural Resources. United States Senate.

Lashof, D. September 27, 2006. Testimony before the Committee on Government Reform, Subcommittee on Energy and Resources. United States House of Representatives.

Lashof, D. 2005. *Global Warming Science Update: 2005 Year End Review*. NRDC, Washington, DC

Lashof, D. September 7, 2005. Testimony before the Committee on Energy and Commerce, United States House of Representatives.

Lashof, D. July 29, 1998. Testimony before the Committee on Small Business. United States House of Representatives.

Lashof, D. April 23, 1998. Testimony before the Subcommittee on National Economic Growth, Natural Resources, and Regulatory Affairs, Committee on Government Reform and Oversight. United States House of Representatives.

Lashof, D. October 9, 1997. Statement before the Subcommittee on International Economic Policy, Export and Trade Promotion, Committee on Foreign Relations. United States Senate.

Lashof, D., T. Hargrave, and S. Keller. *Output-Based Allocation of Emission Allowances*. Natural Resources Defense Council and Center for Clean Air Policy, Washington, DC.

Lashof, D., and B. DeAngelo. *Global Warming Issue Brief*. Natural Resources Defense Council, Washington, DC.

Lashof, D. and H. Geller, July 31, 1997. "Chrysler On Climate: Bad Science and Corporate America's Denial." The Washington Post, Washington, DC.

Lashof, D. March 6, 1997. "Making Competition Work For The Environment: Restructuring The Electric Power Industry." Statement before the Committee on Energy and Natural Resources. United States Senate.

Cavanagh, R., D. Lashof, and S. Schwab, 1996. *Risky Business: Hidden Environmental Liabilities Of Power Plant Ownership*. Natural Resources Defense Council, New York.

Lashof, D. October 6, 1994. Statement before the Subcommittee on Energy and Power, Committee on Energy and Commerce. United States House of Representatives.

Lashof, D. May 10, 1994. Statement on Implementation of the Administration's Climate Change Action Plan and the Energy Policy Act of 1992 before the Committee on Energy and Natural Resources. United States Senate.

Lashof, D. 1994. *The Gap: Climate Plan Faces Major Shortfall*. Natural Resources Defense Council, Washington, DC.

Geller, H., J. DeCicco, N. Elliott, D. Lashof, and M. Tatsutani, 1994. *Bridging The Gap: Initiatives to Achieve President Clinton's Climate Commitment*. American Council for an Energy Efficient Economy and Natural Resources Defense Council, Washington, DC.

Lashof, D. June 21, 1993. Statement for the Record, Hearing on the Administration's New Policy on Global Climate Change, May 26, 1993, Subcommittee on Energy and Power, Committee on Energy and Commerce. United States House of Representatives.

Lashof, D. March 23, 1993. Statement before the Committee on Ways and Means. United States House of Representatives.

Lashof, D. March 1, 1993. Statement before the Subcommittee on Economic Policy, Trade, and Environment, Committee on Foreign Affairs. United States House of Representatives.

Lashof, D. March 19, 1992. Statement before the Subcommittee on Health and the Environment, Committee on Energy and Commerce. United States House of Representatives.

Lashof, D. March 3, 1992. Statement before the Subcommittee on Energy and Power, Committee on Energy and Commerce. United States House of Representatives.

Lashof, D. and D. Doniger, 1992. *A Climate for Investment: How the U.S. Can Stabilize CO₂ Emissions Through Profitable Measures the White House Already Supports*. Natural Resources Defense Council, Washington.

Lashof, D. November 6, 1991. Statement before the Subcommittee on Economic Stabilization, Committee on Banking, Finance and Urban Affairs. United States House of Representatives.

Lashof, D. July 16, 1991. Statement Regarding the Arctic National Wildlife Refuge before the Subcommittee on Fisheries and Wildlife Conservation and the Environment of the Committee on Merchant Marine and Fisheries. United States House of Representatives.

Lashof, D. June 13, 1991. Statement on Renewable Energy and Energy Efficiency Tax Incentives before the Subcommittee on Energy and Agricultural Taxation of the Finance Committee. United States Senate.

Lashof, D. March 13, 1991. Statement before Subcommittee on Environmental Protection, Committee on Environment and Public Works. United States Senate.

Lashof, D. February 28, 1991. Statement on CAFE Provisions of S. 341 before the Committee on Energy and Natural Resources. United States Senate.

Lashof, D. February 21, 1991. Statement before the Subcommittee on Health and the Environment, Committee on Energy and Commerce. United States House of Representatives.

Lashof, D. September 13, 1990. Statement on H.R. 5521 before the Subcommittee on Energy and Power, Committee on Energy and Commerce. United States House of Representatives.

Lashof, D. March 6, 1990. Statement on Environmental Emission Fees and Tax Incentives to Protect the Environment before the Committee on Ways and Means. United States House of Representatives.

Lashof, D., January 8, 1990. Supplementary Statement on the Development of a National Energy Strategy by the U.S. Department of Energy.

Lashof, D., and E. Washburn, 1990. *The Statehouse Effect: State Policies to Cool the Greenhouse*. Natural Resources Defense Council, Washington.

Lashof, D. October 26, 1989. Testimony on Global Climate Change and Consideration of H.R. 2984 before the Subcommittee on Human Rights and International Organizations, Committee on Foreign Affairs. United States House of Representatives.

Lashof, D. and D. Michelle Busbee, September 19, 1989. Testimony on Providing Least-Cost Electricity Services for the State of Maryland before the Senate Economic and Environmental Affairs Committee. State of Maryland.

Lashof, D. May 19, 1989. Testimony on Pending Legislation to Control the Manufacture, Use, and Disposal of Ozone Depleting Substances before the Subcommittee on Environmental Protection, Committee on Environment and Public Works. United States Senate.

Lashof, D. 1986. "Carbon Storage in the Biosphere and Global Climate." Paper presented at the American Geophysical Union Fall Meeting, San Francisco, California.