

## Al McGartland, Office Director in EPA's [National Center for Environmental Economics](#)

**Research Interests:** Economic incentives for pollution control; use of risk assessment in policy making

**Biography:** Al McGartland is the Director of the National Center for Environmental Economics (NCEE) and lead economist at the U.S. Environmental Protection Agency. Al advises EPA's senior leadership on regulatory analyses, science, and environmental policy. He is responsible for insuring EPA's analyses reflects the latest science and develops interdisciplinary risk and benefit assessment methods to be used in EPA's regulatory analyses. As the director of NCEE, Al advises senior policy-making officials on the economics of environmental policies and helps translate research into applied policy contexts. The National Center for Environmental Economics issues EPA's *Guidelines for Preparing Economic Analyses* and conducts numerous studies to assess the benefits and costs of environmental programs. The Center also conducts key research on environmental economic issues. Al completed his BS in economics from Duquesne University (1978) and his PhD in economics from the University of Maryland-College Park in 1984, after which he joined the Agency's policy office as a staff economist in the predecessor organization to the Center (1984-1987). He left the EPA to work in the Office of Information and Regulatory Affairs in the Office of Management and Budget (1987-1988). While there, Al reviewed environmental regulations and supporting analyses, and served as the economic advisor to the Chairman at the Commodity Futures Trading Commission. After leaving OMB in 1988 he served as a vice president at Abt Associates, Inc., a public policy and economics consulting firm. He left the firm to return to the EPA in 1992 to head the policy office's economic operations, which was after several reorganizations became the National Center for Environmental Economics in 2000.

**E-mail:** mcgartland.al@epa.gov

### Recent [NCEE Working Papers](#)

"[A Note on Trasande et al., "Public Health and Economics Consequences of Methylmercury Toxicity to the Developing Brain,"](#) NCEE Working Paper, (with Charles Griffiths and Maggie Miller), 2006-04.

### Peer-Reviewed and Other Publications:

"[Estimating the health benefits of environmental regulations,](#)" (with Richard Revesz, Daniel Axelrad, Chris Dockins, Patrice Sutton and Tracey Woodruff), *Science* Vol 357(Issue 6530), pp 475-458, August 4, 2017.

[Retrospective Cost Analyses of EPA Regulations: A Case Study Approach,](#)" (with Elizabeth Kopits, Carl Pasurka, Ronald Shadbegian, Nathalie Simon, Cynthia Morgan, David Simpson and Ann Wolverton), *Journal of Benefit-Cost Analysis*, 5(2), pp. 173-179, June 2014.

"A Research Agenda for Improving the Treatment of Employment Impacts in Regulatory Impact Analysis" (with Ann Ferris), Chapter 9 (pp. 170-189), in [\*Does Regulation Kill Jobs?\*](#), (Cary Coglianese, Adam Finkel & Chris Carrigan editors), University of Pennsylvania Press, Philadelphia. 2014.

["Thirty Years of Economics at the Environmental Protection Agency,"](#) *Agricultural and Resource Economics Review*, Vol 42, Issue 3, pp.436-452, December 2013.

["Methylmercury and the Brain: Griffiths et al. Respond"](#) (with Charles W. Griffiths and Maggie Miller), *Environmental Health Perspectives* 115(8), pp. A397-398, 2007.

["A Comparison of the Monetized Impact of 10 Decrements from Mercury Emissions,"](#) (with Charles W. Griffiths and Maggie Miller), *Environmental Health Perspectives* 115(6), pp. 841-847, 2007.

"The Pace of PACE at the Environmental Protection Agency," (with Kelly B. Maguire and Rich Iovanna), Association for Environmental and Resource Economists Newsletter, 23(2), pp. 21-24, November 2003.

["Short-term improvements in public health from global-climate policies on fossil-fuel combustion: an interim report,"](#) (contributor, lead author: Devra Davis), *The Lancet*, 350(9088), pp. 1341-1349, November 8, 1997.

"Cost savings from the use of market incentives for pollution control," (with Robert Anderson, Alan Carlin and Jennifer B. Weinberger) in [\*Market-Based Approaches to Environmental Policy: Regulatory Innovations to the Fore\*](#). New York: Van Nostrand Reinhold, 1997.

["Alternative Fuels for Pollution Control: An Empirical Evaluation of Costs and Benefits,"](#) (with Arthur Fraas), *Contemporary Economic Policy*, 8(1), pp. 62-74, January 1990.

["The Net Benefits of Incentive-Based Regulation: A Case Study of Environmental Standard Setting,"](#) (with Wallace E. Oates and Paul Portney), *American Economic Review*, 79(5), pp. 1233-1242, December 1989.

["A Comparison of Two Marketable Discharge Permits Systems,"](#) *Journal of Environmental Economics and Management*, 15(1), pp. 35-44, March 1988.

["Marketable Pollution Permits and Acid Rain Externalities: A Comment and Some Further Evidence,"](#) (with Wallace E. Oates), *The Canadian Journal of Economics / Revue canadienne d'Economique*, (18)3 ), pp. 668-675 August 1985.

["Marketable permits for the prevention of environmental deterioration,"](#) (with Wallace E. Oates), *Journal of Environmental Economics and Management*, 12(3), pp. 207-228, September 1985.