

Ian A. Lange

Address:

Department of Economics
University of Stirling
Stirling UK
FK9 4LA

Contact:

E: i.a.lange@stir.ac.uk
P: 44 01786467276
F: 44 01786467469

Employment

- Lecturer, Department of Economics, University of Stirling, Aug 2008-
- Economist, Office of Air and Radiation, Climate Economics Branch, Environmental Protection Agency, February 2008-August 2008
- Economist, Office of Solid Waste and Emergency Response, Center for Program Analysis, Environmental Protection Agency, November 2007-February 2008
- Post-Doctoral Fellow, National Center for Environmental Economics, Environmental Protection Agency; Sept. 2005-Aug 2008
- Visiting Lecturer, Department of Economics, University of Washington, October 2006-June 2007

Education

- Ph.D., Department of Economics, University of Washington, May 2005
Dissertation Title: "Investigating the Impacts of the 1990 Clean Air Act Amendments on Inputs to Coal-fired Power Plants"
- Completed the Environmental Management Certification Program, December 2001
- M.A., Economics, University of Illinois at Chicago, July 1999
- B.A., Economics, University of Illinois at Chicago, May 1998

Research Areas

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| • Environmental Economics | Energy Economics |
| • Economics of Regulation | Quantitative Ecology |

Publications

- Effects of Spatial Pattern and Economic Uncertainties on Freshwater Habitat Restoration Planning: a Simulation Exercise, *Restoration Ecology*, Forthcoming (w/ Aimee Fullerton, Ashley Steel, and Yuko Caras)
- Steam versus Coking Coal and the Acid Rain Program, *Energy Policy*, March 2010: 38(3) 1251-1254
- Evaluating Voluntary Measures with Treatment Spillovers: The Case of Coal Combustion Products Partnership, *The B.E. Journal of Economic Analysis and Policy(Topics)* Vol. 9 : Issue 1, Article 36
- Determinants of Contract Duration: Further Evidence from Coal-Fired Power Plants, *Review of Industrial Organization*, May 2009: 34(3) 217-229 (w/ Maria Kozhevnikova)
- Impacts of Market-based Environmental and Generation Policy on Scrubber Electricity Usage, *The Energy Journal*, April 2008: 29(2) 151-164 (w/ Allen Bellas)
- Bush v. Gore and the Effect of New Source Review on Power Plant Emissions, *Environmental and Resource Economics*, August 2008: 40(4) 571-591 (w/ Josh Linn)
- Did State Regulation of Power Plants Cause an Increase in Pollution Exportation? , *Economics Letters*, February 2008: 98(2) 213-219 (w/ Allen Bellas)
- The 1990 Clean Air Act and the Implicit Price of Sulfur in Coal, *The B.E. Journal of Economic Analysis and Policy (Topics)*, Vol 7 Issue 1, Article 41 (w/Allen Bellas)

- Using Wavelet Analysis to Detect Changes in Water Temperature Regimes at Multiple Scales: Effects of Multi-Purpose Dams in the Willamette River Basin, *River Research & Applications*, May 2007: 351-359 (w/ Ashley Steel)
- Technological Change for Sulfur Dioxide Scrubbers Under Market-Based Regulation, *Land Economics*, November 2005: 81(4) 546-556 (w/ Allen Bellas)
- Are Tradable Permits for Mercury Worthwhile?, *The Electricity Journal*, March 2005: 85-90 (w/Allen Bellas)

Working Papers

- Technological Progress in Particulate Removal Equipment at U.S. Coal Burning Power Plants (w/ Allen Bellas)
- Contract Renegotiation and Rent Re-Distribution: Who Gets Raked Over the Coals? (W/Lea Kosnik)
- Coal Contracts, Risk, and Tradable Permits
- Variability in Coal Prices: Evidence from the U.S. (w/ Paul Alagidede)
- When Does Cap-and-Trade Increase Regulated Firms' Profits? (w/ David A. Evans & Josh Linn)
- On the Capitalization of Open Space Benefits into Property Values: Does Recreation Value Matter? (w/Kent Kovacs)

Research Funding

- Scottish Institute for Research in Economics Research Grant, 2009
- Nuffield Foundation Social Science Small Grant Scheme, 2009
- Scottish Institute for Research in Economics Environmental and Energy Workshop, 2008
- Scottish Institute for Research in Economics Travel Grant, 2008
- National Marine Fisheries Service, 2005

Awards

- Nominated, Class of 2007 Favorite Teacher, University of Washington Alumni Assoc.
- Top Paper Presentation, Heartland Env. & Resource Economics Workshop, 2006
- Best Working Paper, National Center for Environmental Economics, 2006

Seminars & Conferences

- **Invited Seminars**
University of Warsaw (2009); University of Wisconsin-Milwaukee (2009); Eastern Illinois University (2009); University of Strathclyde (2009); Economic & Social Research Institute (2009); University of Michigan (2008); University of Maine (2008); George Washington University (2007); University of British Columbia (2006); Bogazici University (2006); University of Alberta (2005); University of Illinois-Chicago(2004);
- **Conferences**
European Association of Environmental and Resource Economics (2009); UK Network of Environmental Economists (2009); International Industrial Organization Society (2008); Camp Resources (2006); California Workshop on Environmental & Resource Economics (2005, 2006); Midwestern Economic Association (2005, Organizer 2006, 2007 & 2008); Southern Economic Association (2004); 12th Summer School in Economic Theory on "Environmental and Natural Resource Economics", Institute for Advanced Studies at the Hebrew University of Jerusalem (2001, with scholarship)

Referee Activity

- Journal of Environmental Economics and Management, The Energy Journal, Applied Economics, Scottish Journal of Political Economy, Journal of Economic Surveys

References

- **Dr. Robert Halvorsen.** Department of Economics, 302 Savery Hall, Box 353330, University of Washington, Seattle, WA 98195-3330, USA. 206-543-5546. halvor@u.washington.edu.
- **Dr. Al McGartland.** National Center for Environmental Economics, Environmental Protection Agency, 1200 Pennsylvania Ave NW (1809T), Washington, DC 20460, USA. 202-566-2244. mcgartland.al@epa.gov.
- **Dr. Carl Pasurka** National Center for Environmental Economics, Environmental Protection Agency, 1200 Pennsylvania Ave NW (1809T), Washington, DC 20460, USA. 202-566-2275. pasurka.carl@epa.gov.
- **Dr. Allen Bellas.** College of Management, 1501 Hennepin Ave, Metropolitan State University, Minneapolis, MN 55403-1897, USA. 612-659-7272. allen.bellas@metrostate.edu.