

## ANDREW J. YATES

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### EDUCATION

- 1992 **Stanford University**, Stanford CA.  
Ph.D. *Engineering Economic Systems*.  
Dissertation : An Efficiency Hierarchy For Constrained Economies
- 1988 **Stanford University**, Stanford CA.  
M.S. *Engineering Economic Systems*.
- 1987 **Washington University**, St. Louis, Missouri.  
B.S. *Systems Science and Engineering*, Magna cum laude.

### EXPERIENCE

- 2013- **University of North Carolina at Chapel Hill**, Chapel Hill, NC.  
*Assistant Professor, Department of Economics and Curriculum for the Environment and Ecology*, Teaching Environmental Economics, Environmental Economic Theory, Environmental Markets: Science and Economics
- Fall 2012 **Duke University**, Durham, NC.  
*Visiting Associate Professor, Nicholas School for the Environment*. Taught Resource and Environmental Economics, Theory of Environmental Policy: Taxes and Permits.
- 2002- 2012 **University of Richmond**, Richmond, VA.  
*Associate Professor, Department of Economics*. Taught Advanced Environmental Economics, Introductory Statistics, Mathematical Economics Capstone, and Environmental Economics.
- 2001 **Tulane University**, New Orleans, LA.  
*Associate Professor, Department of Economics*
- 1998- 2001 **Tulane University**, New Orleans, LA.  
*Assistant Professor, Department of Economics*. Taught Introductory Economics, Mathematical Economics, Environmental Economics, Intermediate Microeconomics, and Decisions Under Uncertainty.
- 1993- 1998 **Wake Forest University**, Winston Salem, NC.  
*Assistant Professor, Department of Economics*. Taught Introductory Economics, Intermediate Microeconomics, Environmental Economics, Political Economy of Environmental Policy, Seminar in Mathematical Economics, and Decision Analysis.
- 1992-1993 **Political Economy Research Center**, Bozeman, Montana.  
*Post-doctoral Fellow*.

## PEER REVIEWED PUBLICATIONS

1. T. BenDor, T. Guo, and A. Yates, "Optimal advanced credit releases in ecosystem service markets". to appear, *Environmental Management*.
2. K. Schnier, M. Doyle, J. Rigby, and A. Yates, "Bilateral oligopoly in pollution permit markets: experimental evidence", to appear, *Economic Inquiry*.
3. A. Yates, M. Doyle, J. Rigby, and K. Schnier, "Market power, private information, and and the optimal scale in pollution permit markets with application to North Carolina's Neuse River", *Resource and Energy Economics*, Vol. 35, 2013, pp. 256-276.
4. S. Datta, R. Shreremeta, and A. Yates, "Best-of-three Contest Experiments: Strategic versus Psychological Momentum", *International Journal of Industrial Organization*, Vol. 31, 2013, pp. 287-296.
5. A. Yates, "On a Fundamental Advantage of Permits over Taxes for the Control of Pollution", *Environmental and Resource Economics*, Vol. 51, 2012, pp. 583-598.
6. A. Yates, "Winner-pay Contests", *Public Choice*, Vol. 147, 2011, pp. 93-106.
7. M. Doyle and A. Yates, "Ecosystem Service Markets Under No-Net-Loss Regulation", *Ecological Economics*, Vol. 69, 2010, pp. 820-827.
8. D. Malueg and A. Yates, "Testing Contest Theory: Evidence from Best-of-three Tennis Matches", *Review of Economics and Statistics*, Vol. 92, 2010, pp. 689-692.
9. D. Malueg and A. Yates, "Bilateral Oligopoly, Private Information, and Pollution Permit Markets", *Environmental and Resource Economics*, Vol. 43, 2009, pp. 553-572.
10. D. Malueg and A. Yates, "Strategic Behavior and Private Information in the EU Permit Trading System", *Environmental and Resource Economics*, Vol. 43, 2009, pp. 413-432.
11. J. Heckelman and A. Yates, "Senate Elections with Independent Candidates", *Journal of Theoretical Politics*, Vol. 20, 2008, pp. 31-46.
12. K. Hutchinson and A. Yates, "Crime on the Court: A Correction," *Journal of Political Economy*, Vol. 115, 2007, pp. 515-519.
13. D. English and A. Yates, "Citizens' Demand for Permits and Kwerel's Incentive Compatible Mechanism for Pollution Control," *Economics Bulletin*, Vol. 17 No. 4, 2007, pp. 1-9.
14. D. Malueg and A. Yates, "Equilibria in Rent-Seeking Contests with Homogeneous Probability Functions," *Economic Theory*, Vol. 27, 2006, pp. 719-727.
15. D. Malueg and A. Yates, "Citizen Participation in Pollution Permit Markets", *Journal of Environmental Economics and Management*, Vol. 51, 2006, pp. 205-217.
16. D. Malueg and A. Yates, "Comparative Statics in Two-Player Contests," *European Journal of Political Economy*, Vol. 21, 2005, pp. 738-752.
17. D. Malueg and A. Yates, "Rent Seeking with Private Values," *Public Choice*, Vol. 119, 2004, pp. 161-178. Reprinted in R. Congleton, A. Hillman, and K. Konrad (Eds.) *Forty Years of Research on Rent Seeking*, Springer, 2008.
18. S. Smith. and A. Yates, "Optimal Pollution Permit Endowments in Markets with Endogenous Emissions," *Journal of Environmental Economics and Management* Vol. 46, 2003, pp. 425-445.
19. J. Heckelman and A. Yates, "And a Hockey Game a Broke Out: Crime and Punishment in the NHL," *Economic Inquiry*, Vol. 41, 2003, pp. 705-712
20. S. Smith and A. Yates, "Should Consumers be Priced Out of Pollution Permit Markets?" *Journal of Economic Education*, Vol. 34, 2003, pp. 181-189.

21. E. Stone, A. Yates, and A. Caruthers, "Risk Taking in Decision Making for Others versus the Self," *Journal of Applied Social Psychology*, Vol. 32, 2002, pp. 1797-1824.
22. A. Yates, "Decentralization in Pollution Permit Markets," *Journal of Public Economic Theory*, Vol. 4, 2002, pp. 641-660.
23. J. Heckelman and A. Yates, "Incumbency Preservation through Electoral Legislation: The Case of the Secret Ballot," *Economics of Governance*, Vol. 3, 2002, pp. 47-57.
24. A. Yates and J. Heckelman, "Rent Setting in Multiple Winner Rent Seeking Contests," *European Journal of Political Economy*, Vol. 17, 2001, pp. 835-852.
25. A. Yates and M. Cronshaw, "Pollution Permit Markets with Intertemporal Trading and Asymmetrical Information," *Journal of Environmental Economics and Management*, Vol. 42, 2001, pp. 104-118.
26. A. Yates, "On the Separation of Risk Assessment and Risk Management," *Journal of Environmental Planning and Management*, Vol. 44, 2001, pp. 509-524.
27. A. Yates, "The Knowledge Problem, Entrepreneurial Discovery, and Austrian Market Process Theory," *Journal of Economic Theory*, Vol. 91, 2000, pp. 59-85. Reprinted in S. Gloria-Palermo (Ed.) *Modern Austrian Economics*, Pickering and Chatto, 2002.
28. A. Yates and R. Stroup, "Media Coverage and EPA Pesticide Decisions," *Public Choice*, Vol. 102, 2000, pp. 297-312.
29. A. Yates, "Optimality and Lindahl Equilibrium," *Journal of Economic Research*, Vol. 4, 1999, pp. 37-60.
30. I. Speizer and A. Yates, "Polygyny and African Couple Research," *Population Research and Policy Review* Vol. 17, No. 6, December 1998, pp. 551-570.
31. A. Yates, "The Equal Marginal Value Principle: A Graphical Analysis with Environmental Applications," *Journal of Economic Education*, Vol. 29, No. 1, Winter 1998, pp. 23-31.
32. A. Yates and D. Luenberger, "An Efficiency Hierarchy for Constrained Economies," *Public Finance / Finances Publiques* Vol. 52 No. 2, 1997, pp. 270-288.
33. A. Yates, "Hotelling and the New York Stock Exchange," *Economics Letters*, Vol. 56, No. 1, 1997, pp. 107-110.
34. A. Yates, "The Unobserved Relation Regressions Model with an Application to Used Truck Prices," *Southern Economic Journal*, Vol. 64, No. 1, July 1997, pp. 45-55.
35. A. Yates, "A Sufficiency Result for Constrained Economies," *Journal of Mathematical Economics*, Vol. 27, No. 4, May 1997, pp. 411-424.

## MANUSCRIPTS IN PREPARATION

S. Holland and A. Yates, "Optimal trading ratios for pollution permit markets".

W. Pizer and A. Yates, "Breaking up may not be hard to do: Terminating links between emission trading programs"

M. Doyle, L. Patterson, Y. Chen, K. Schnier, and A. Yates, "The optimal scale for water quality markets".

## RESEARCH GRANTS

The Proper Scale of Environmental Markets with Applications to Nitrogen Trading in the Neuse River Basin, *National Science Foundation*, 2009-2013, with M. Doyle and K. Schnier, Total budget \$540,583.

## **PROFESSIONAL ACTIVITIES**

Co-editor, *Journal of Environmental Economics and Management*, 2010-2013.

Co-editor, *Journal of the Association of Environmental and Resource Economists*, 2014-Present.

Referee, *Games and Economic Behavior*, *Journal of Environmental Economics and Management*, *Journal of Public Economics*, *Journal of Public Economic Theory*, *European Journal of Political Economy*, *Economic Theory*, *Management Science*, *Health Effects Institute*, *Mathematical Social Sciences*, *International Journal of Industrial Organization*, *Journal of the Association of Environmental and Resource Economists*, *Theory and Decision*, *The Energy Journal*, *Environmental and Resource Economics*, *Public Choice*, *Southern Economic Journal*, *Strategic Behavior and the Environment*, *American Journal of Agricultural Economics*, *Journal of Sports Economics*, *Journal of Optimization Theory and Applications*, *Journal of Economic Education*, *Journal of Economic Research*, *Canadian Journal of Economics*, *Water Resources Research*, *B.E. Journal of Theoretical Economics*

## **RECENT PRESENTATIONS**

“Linking and Delinking Pollution Permit Markets”, AERE summer conference, June 2013.

“Permit Markets for Non-uniformly Mixed Pollution: Trading Ratios Versus Zones”, AERE summer conference, June 2012.

“Optimal Contracts for Wetland Mitigation”, Southern Economic Association annual meeting, November 2011.

“Market Power, Private Information, and Scale in Pollution Permit Markets”, AERE summer conference, June 2011.

“Market Power, Private Information, and Scale in Pollution Permit Markets”, RFF research seminar, May 2011.

## **RECENT UNDERGRADUATE HONOR THESIS SUPERVISION**

1. Tianshu Guo, Economics, University of Richmond, “Optimal Staging of Credit Releases in Ecosystem Service Markets”, 2011.
2. Gregory Grissom, Economics, UNC “Determining the Optimal Subsidy for Plug-in Electric Vehicles in the United States by County”, 2013.
3. John Schmale, Economics, UNC “The impact of the EU emissions trading scheme on the firm value of selected European electricity generating corporations”, 2014.
4. John Burrows, Curriculum for the Environment and Ecology, UNC “Understanding the potential role and benefits of using beetle killed pine in mass timber structures”, 2014.

## **GRADUATE STUDENT DISSERTATION COMMITTEES**

1. Kenneth Redix II, Economics, UNC.
2. Justin Contat, Economics, UNC.
3. Dave Bielen, Economics, Duke.
4. Kimmo Ollikka, Economics and Management, University of Helsinki (external pre-examiner)