

Robert L. Hicks

CONTACT INFORMATION	129 Morton Hall Department of Economics The College of William and Mary Williamsburg, VA 23187 USA	<i>Voice:</i> 757.221.3707 <i>Fax:</i> 757.221.1175 <i>E-mail:</i> rob.hicks@wm.edu <i>http://rlhick.people.wm.edu</i>
RESEARCH INTERESTS	Environmental and natural resource economics, development finance, and econometrics	
EDUCATION	University of Maryland , College Park, Maryland USA Ph.D., Agricultural and Resource Economics, December 1997 North Carolina State University , Raleigh, North Carolina USA B.A. (<i>with honors</i>), Economics, May 1991	
PERMANENT APPOINTMENTS	The College of William and Mary , Williamsburg, Virginia USA <i>Associate Professor</i> Department of Economics <i>Assistant Professor</i> Department of Economics <i>Assistant Professor</i> School of Marine Science	2006 - present 2002-2006 2000-2002
OTHER ACADEMIC AFFILIATIONS	University of the Balearic Islands , Mallorca, Spain <i>Visiting Professor</i> Center for Economic Research Leibniz University , Hannover, Germany <i>Visiting Professor</i> Institute of Environmental Economics and World Trade Department of Economics and Management The University of Bonn , Bonn, Germany <i>Visiting Professor</i> Center for Development Research	2007-2009 2007-2009 2007
HONORS AND AWARDS	Plumeri Faculty Excellence Award, The College of William and Mary. 2009. Alumni Fellowship Award, The College of William and Mary. 2006. Associate Editor, Marine Resource Economics. 2004-2007. Environmental Management Fellow. Chesapeake Bay Research Consortium. 1996-1997.	
FELLOWSHIPS AND GRANTS	Research Grants: Total Funding \$4.1 million. Project Level Aid (Addendum). The Bill and Melinda Gates Foundation (with Timmons Roberts and Michael Tierney). June 2009 - June. 2010. (\$1.49 million)	

Program on Climate Change, State Stability, and Political Risk in Africa (with partners at the University of Texas Austin and Michael Tierney and Timmons Roberts). U.S. Department of Defense MINERVA Research Initiative. Jan. 2009 - Jan. 2014. (\$150,000)

Project Level Aid. The Bill and Melinda Gates Foundation (with Timmons Roberts and Michael Tierney). June 2008 - Dec. 2009. (\$1.45 million)

Project Level Aid. The Hewlett Foundation (with Michael Tierney and Timmons Roberts). June 2008 - Dec. 2009. (\$500,000)

Angler Heterogeneity and the Species-Specific Demand for Recreational Fishing in the Southeast United States. National Oceanic and Atmospheric Administration, MARFIN Grant. (with John Whitehead, Timothy Haab, and Kurt Schnier). Jan. 2007-Jan. 2009 (\$76,371).

Analyzing Development Finance Using Project Level Aid Data. National Science Foundation (with Michael Tierney and Timmons Roberts). Jan. 2005-Jan. 2008 (\$153,680)

Assessing the Stability of Marine Recreational Resource Values. National Oceanic and Atmospheric Administration, National Marine Fisheries Service. (with Timothy C. Haab, and John C. Whitehead). Award number 50-DGNF-1-90098. October, 2001-September 2004 (\$188,267).

Valuing Oyster Reefs in the Chesapeake Bay. Chesapeake Bay Foundation, (with Timothy C. Haab) May 2001- March 2002 (\$37,790).

Programmatic and Teaching Grants: Total Funding \$2 million.

National Science Foundation Research Experience for Undergraduates (REU) program. Interdisciplinary Watershed Studies, (with Randy Chambers, Greg Hancock, Timmons Roberts, John Swaddle, Greg Capelli, and Dan Cristol). (\$200,621).

Grant from the Mellon Foundation to enhance the undergraduate Environmental Science and Policy program at William and Mary (with Timmons Roberts, Randy Chambers, Greg Hancock, John Swaddle, Dennis Taylor, Linda Luvass). 2004 (\$300,000).

The Teacher-Scholar postdoctoral program and the Center for Geospatial Analysis. The Andrew W. Mellon Foundation. (with John Swaddle, Randy Chambers, Greg Hancock, Timmons Roberts, and Linda Luvaas). (\$1.5 million)

Incorporating Geographic Information Systems into the teaching of Environmental Economics, Faculty Technology Grant, The College of William and Mary, 2006 (\$3,500).

BOOKS

Greening Aid: Understanding the Environmental Impact of Development Assistance, 2008. Oxford University Press (Economic and Finance Catalog) with Bradley Parks, Timmons Roberts and Michael Tierney.

REFEREED JOURNAL ARTICLES [1] "Spatial Regulations and Endogenous Consideration Sets in Fisheries", with Kurt Schnier. Forthcoming. *Resource and Energy Economics*.

[2] "Common Property, Information, and Cooperation: Commercial Fishing in the Bering Sea", with Kurt Schnier and Alan Haynie. Forthcoming. *Ecological Economics*.

[3] "Forecasting Architectural-Engineering (A/E) Design Costs", with Tonya Boone and Ram Ganesan. Forthcoming. *International Journal of Applied Forecasting*.

- [4] “Label Performance and the Willingness to Pay for Fair Trade Coffee: A Cross-National Perspective”, 2008. *International Journal of Consumer Studies*. 32:470-478. With Arnab K. Basu.
- [5] “Eco-labeling and dolphin avoidance: A dynamic model of tuna fishing in the Eastern Tropical Pacific”, 2008 *Journal of Environmental Economics and Management*. 56(2):103-115 With Kurt Schnier.
- [6] “Learning and Knowledge Depreciation in Professional Services”, 2008. *Management Science*. 54(7):1231-1236. With Tonya Boone and Ram Ganeshan.
- [7] “Dynamic Discrete Choice Modeling: Monte Carlo Analysis”. 2006. *The American Journal of Agricultural Economics*. 88(4):816-835. With Kurt Schnier.
- [8] “Short-Run Welfare Losses from Essential Fish Habitat Designations for the Surfclam and Ocean Quahog Fisheries”. 2004. *Marine Resource Economics*. 19(1): 113-129. With James Kirkley, and Ivar E. Strand.
- [9] “An Introduction to Spatial Modeling in Fisheries Economics”. 2004. *Marine Resource Economics*. 19(1): 1-6. With Daniel Holland, James Sanchirico, and Rita Curtis.
- [10] “The cost of stress: Low Dissolved Oxygen and Recreational Striped Bass Fishing in the Patuxent River”. 2003. *Estuaries*. 26(2): 310-315. With Douglas W. Lipton.
- [11] “Can eco-labels tune a market? Evidence from dolphin-safe labeling”. 2002. *Journal of Environmental Economics and Management*. 43(3): 339-359. With Mario Teisl and Brian Roe.
 Reprinted in Labelling Strategies for Environmental Policy, in the International Library of Environmental Economics and Policy Series, edited by Tom Teitenberg and Kathy Segerson. Ashgate Publishing Limited, U.K. Forthcoming.
- [12] “The Extent of Information: Its Relevance for Random Utility Models”. 2000. *Land Economics*. 76(3):374-385. With Ivar Strand.
- [13] “Choice Set Considerations in Models of Recreation Demand: History and Current State of the Art”. 2000. *Marine Resource Economics*. 14:271-281. With Timothy Haab.
- [14] “An Introduction to the NMFS Marine Recreational Fisheries Statistical Survey with an Emphasis on Economic Valuation”. 2000. *Marine Resource Economics*. 14:375-385. With Amy B. Gautam, Maury Osborn, David VanVoorhees, and Brad Gentner.
- [15] “The Cost of Sea Turtle Preservation: The Case of Hawaii’s Pelagic Longliners”. 2000. *American Journal of Agricultural Economics*. 82(5): 1191-97. With Rita Curtis
- [16] “Boat Location Choice: The Role of Boating Quality and Excise Taxes”. 1999. *Coastal Management*. 27:81-89. With Douglas W. Lipton.
- [17] “Accounting for Choice Set Endogeneity in Random Utility Models of Recreation Demand”. 1997. *Journal of Environmental Economics and Management*. 34(2):127-147. With Timothy C. Haab.
 Reprinted in Revealed Preference Approaches to Environmental Valuation: Volume I, in the International Library of Environmental Economics and Policy Series, edited by Joseph Herriges and Catherine Kling. Ashgate Publishing Limited, U.K. Forthcoming.

- REFEREED BOOK CHAPTERS “Performance-Based Labeling”. 2006. In *New Frontiers in Eco and Social Labeling*, edited by A. Basu, N. Chau, and U. Grote. Physica-Verlag: Springer Publishing. Berlin and New York.
- OTHER ARTICLES “Has Foreign Aid Been Greened?”. 2009. In *Environment: Science and Policy for Sustainable Development*. 51(1):7-19. With J. Timmons Roberts, Bradley Parks, and Michael Tierney.
- ARTICLES IN CONFERENCE PROCEEDINGS “Linking water quality improvements to recreational fishing values: The case of Chesapeake Bay striped bass”. 1999. In: *Evaluating the Benefits of Recreational Fisheries* (T.J. Pitcher, ed.). Fisheries Centre Research Reports 7(2), University of British Columbia. pp. 105-110. With Douglas W. Lipton.
- “Using Stated and Revealed Preferences for Estimating the Benefits of Recreational Fisheries”. 1999. In: *Evaluating the Benefits of Recreational Fisheries* (T.J. Pitcher, ed.). Fisheries Centre Research Reports 7(2), University of British Columbia. pp. 92-99. With Amy Gautam.
- WORKING PAPERS “Congestion Externalities and Fishing Vessels: The Game of Where to Fish”, with Kurt Schnier and William Horrace. Revisions Requested.
- “Insights on Predicting the Productivity of Project Managers in Service Operations”, with T. Boone and R. Ganeshan. Under Review.
- “A Dynamic Model of Intra-Annual Species Selection in Fisheries”, Working paper with Kurt Schnier, Charles Adams, and Sherry Larkin. Under Review.
- “Combining Discrete and Continuous Representations of Preference Heterogeneity: A Latent Class Approach”, Working paper with Angel Bujosa Bestard and Antoni Riera Font. Under Review.
- “Valuing Historical and Cultural Amenities Using Hedonic Property Valuation Models”, with Bonnie Queen (student).
- “Poverty Aversion and the Price Premia for Fair Trade Labeled Coffee”, Working Paper with Arnab Basu.
- “The Economic Value of Marine Recreational Fishing on the West Coast”, Working paper with John Whitehead and Timothy Haab.
- “Assessing the temporal and spatial stability of Marine Recreational Fishing Values”, Working paper with John Whitehead and Timothy Haab.
- “The Random Expected Utility Model and Risk Preferences”, Working Paper with Ivar E. Strand.
- “A Comparison of Stated and Revealed Preference Methods for Environmental Management”, Working Paper.
- “Recreational Fishing and the Benefits of Oyster Reef Restoration in the Chesapeake Bay”, Working Paper.
- “Function Transfer of Random Utility Models: Using Monte Carlo Analysis to Analyze the Importance of the Scale Parameter”, Working Paper.
- INVITED PAPERS AND TALKS “The Problem of Missing Data in the Econometrics of Foreign Aid”, Wirtschaftswissenschaftliches Kolloquium. Department of Economics and Management, Leibniz University, Germany, November 2009.

“Do Natural Disasters alter the Aid Profile of a Recipient Country?”, presented at the Institute of Environmental Economics and World Trade, Department of Economics and Management, Leibniz University, Germany, November 2009.

“Poverty Aversion and the Price Premia for Fair Trade Labeled Coffee”, Department of Economics and Finance, University of St. Andrews, Scotland, July 2009.

“Revealed Preference Models and Ecosystem Valuation”, Workshop on the Economics of Ecosystem Based Fisheries Management, Washington DC, October 2007.

“Congestion externalities and fishing vessels: ‘The game of ‘Where to Fish’ ”, Conference on the Econometrics of Auctions and Games, Virginia Tech, October 2007.

“Development Aid and the Environment: Donor Preferences or Recipient Need”, presented at the Institute of Environmental Economics and World Trade, Department of Economics and Management, Leibniz University, Hannover, Germany, June 2007.

“A Spatial Model of Dolphin Avoidance in the Eastern Tropical Pacific Ocean” , presented at the Institute of Environmental Economics and World Trade, Department of Economics and Management, Leibniz University, Hannover, Germany, June 2007.

“Stated Preference Methods, Choice Experiments, and Product Labeling”, presented at the Center of Development Research, University of Bonn, Germany, June 2007.

“Valuing Historical and Cultural Amenities Using Hedonic Property Valuation Models”, Department of Economics, Universitat de les Illes Balears, February 2007.

“Assessing the Validity of Stated Preferences for Measuring Preferences for Fisheries Management Regulations”, Center for Independent Experts review of the National Marine Fisheries Service Economics Program, Silver Spring, MD, October 2006.

“Donor Coordination Using a Database of Project-Level Aid”, June 2006, The Gates Foundation, Washington, D.C.

“Donor Coordination Using a Database of Project-Level Aid”, June 2005, The White House Conference Center (meeting with U.S. AID, U.S. Treasury, the Millennium Challenge Corporation, and the World Bank).

“Performance Based Labeling”, 2005 Conference on The Role of Labeling in the Governance of Global Trade, Center for Development Research, University of Bonn, Germany.

“Economics for Marine Resources” October 2002, Virginia Institute of Marine Science Coastal and Ocean Policy Seminar.

“Linking Water Quality Improvements to Economic Values”, April 2000 NOAA/MSI Environmental Economics Lecture.

“Valuing Coral Reefs: the Benefits Transfer Approach”, National Marine Fisheries Service National Economics Conference, La Jolla CA. March 2000.

“Stated Preference Techniques to Measure Anglers’ Responsiveness to Fisheries Management Measures”, National Marine Fisheries Service National Economics Conference, La Jolla CA. March 2000.

“Linking Water Quality Improvements to Recreational Fishing Values: The Case of Chesapeake

Bay Striped Bass”, School of Marine Science Seminar, The College of William and Mary, November 1999.

RESEARCH AND
GRANT REPORTS

Hicks, Robert L., J. Timmons Roberts, Michael Tierney, “Project Level Aid: Progress Report”, Report to the Bill and Melinda Gates and Hewlett Foundations. May 2009.

Whitehead, John C., Timothy C. Haab, Robert L. Hicks, and Kurt E. Schnier, “Angler Heterogeneity and the Species-Specific Demand for Recreational Fishing in the Southeast United States”. Report to the U.S. Department of Commerce. June 2009.

Hicks, Robert L., Timothy C. Haab, and John C. Whitehead, “Assessing the Stability of Marine Recreational Resource Values.” Report to the U.S. Department of Commerce, September 2004.

Hicks, Robert L., Timothy Haab, and Douglas Lipton, “The Economic Benefits of Oyster Reef Restoration in the Chesapeake Bay.” Report to the Chesapeake Bay Foundation, August 2004.

Hicks, Robert L., “Stated Preference Methods for Environmental Management: Recreational Summer Flounder Angling in the Northeastern United States”, Report to the U.S. Department of Commerce. April 2002.

Hicks, Robert L., Scott Steinback, Amy Gautam, and Eric Thunberg. “Volume II: The Economic Value of New England and Mid-Atlantic Sportfishing in 1994”. NOAA Technical Memorandum NMFS-F/SPO-38. June 1999.

Hicks, Robert L., “Indirect Environmental Effects of U.S. Marine Mammal and Trade Policies.” In Commercial Fisheries Harvesting, Conservation and Pollution: Preferences and Conflicts, Final Report- Contract NMFS Project NA-26FD-013-01, Saltonstall-Kennedy Program. November 1994.

Hicks, Robert L., “Production and Marine Mammals.” In Commercial Fisheries Harvesting, Conservation and Pollution: Preferences and Conflicts, Final Report- Contract NMFS Project NA-26FD-0135-01, Saltonstall-Kennedy Program. November 1994.

CONFERENCE
PRESENTATIONS

“Congestion Externalities and Fishing Vessels: The Game of Where to Fish”, June 2008, The Third Conference of the Spanish and Portuguese Environmental and Resource Economics Association, Palma de Mallorca, Spain.

“Are we missing the boat? The Importance of On-Water Recreational Choices for Measuring the Benefits of Environmental Policy”, July 2006, IIFET Conference, Portsmouth, U. K.

“Bycatch Avoidance via Information Sharing”, July 2006, IIFET Conference, Portsmouth, U.K.

“Testing the Temporal and Spatial Consistency of Recreational Benefit Estimates”, November 2005, Southern Economics Association Meetings, Washington, D.C..

“Global public goods and aid allocation: do recipients have donors over the barrel?”, 2005 American Association of Agricultural Economics, Providence RI.

“A test of benefits transfer in random utility models of recreation demand: a monte carlo approach”, 2003 Camp Resources, North Carolina State University.

“Validating the use of stated preference methods for fisheries management.” Association of Agricultural and Resource Economics Annual Meetings, 2002, Long Beach, CA.

“Quantifying the importance of the United States’ marine recreational fishery: a case study measuring the value of angling in the Northeast.” Paper presented at the 1999 meeting, Valuing the Benefits of Recreational Fishing Fishing. Vancouver, B.C.

“The Extent of Information: Its Relevance for RUM Models.” Paper presented at the 1997 AAEA Summer Meetings, Toronto.

“Discrete Choice, Uncertainty, and Welfare Measures: An application to the Eastern Tropical Pacific Tuna Industry.” Paper presented at the 1994 AAEA Summer Meetings, San Diego. AERE Contributed Paper Sessions.

“Modeling Site and Technology Decisions in the Eastern Tropical Pacific Tuna Industry.” Paper presented at the 1994 Tuna Conference, Lake Arrowhead California.

PROFESSIONAL
SERVICE

College Committee Service

Campus Wide Committee on Sustainability, the Finance Working Group 2009.

Charles Center International Scholarship Selection Committee 2009.

Murray Scholar Selection Committee 2008, 2009.

Committee for Landscape and the Environment Fall 2005-2007.

Environmental Science and Policy Committee, The College of William and Mary. Fall 2001 to Spring 2006.

Information Technology Advisory Committee, Virginia Institute of Marine Science. Spring 2001.

School of Marine Science Admissions Committee, Virginia Institute of Marine Science. Spring 2000, 2001.

Departmental Service

Hiring Committee Fall 2003.

Space Committee 2005-2006.

Guest Lectures

Monroe Scholar Lecture Fall 2007.

Risk and Public Policy. NSF BioMath Program Spring 2008.

Governor Kaine and selected VA Congressional Members: Introduction to the PLAID Project. Summer 2008.

University Development Tour: Introduction to the PLAID Project. April 2009.

Other professional service not included above

Referee for *Journal of Environmental Economics and Management*, *Land Economics*, *Marine Resource Economics*, *American Journal of Agricultural Economics*, *Resource and Energy Economics*, *Ecological Economics*, *Environmental and Resource Economics* and *North American Journal of Fisheries Management*.

Grant reviewer for The U.S. Environmental Protection Agency, the U.S. Department of Commerce, and the National Science Foundation.

Member of the Community Task force for Redistricting, James City County and Williamsburg City Schools. Spring 2006.

Director, Colonial Soil and Water Conservation District 2005-2006.

COURSES TAUGHT	<p>Environmental and Natural Resource Economics (ECON 322)</p> <p>Applied Environmental Economics (ECON 422, formerly ECON 400)</p> <p>Environmental Policy (PUBP 622, formerly PUBP 600)</p> <p>Environmental Science and Policy I and II (ENST 101, 102)</p> <p>Principles of Environmental and Natural Resource Policy (School of Marine Science)</p> <p>Principles of Fishery Management (School of Marine Science)</p> <p>Ecosystem Restoration (School of Marine Science)</p>
THESES SUPERVISED	<p>Lynne M. Dingerson, Masters of Marine Science (Co-Supervisor)</p> <p>Bonnie Queen, Honors Thesis in the Department of Economics (Supervisor)</p>
ADVISING, INDEPENDENT STUDY, INTERNSHIPS, AND UNDERGRADUATE RESEARCH	<p>Ph.D. Committee: 1 student</p> <p>Academic Advising (since Spring 2005): 21 Freshman Advisees; 15 Major Advisees</p> <p>Honors Thesis Committee: 5 students</p> <p>Independent Study (Economics): 5 students</p> <p>Independent Study (Environmental Studies): 1 student</p> <p>Internship (Environmental Studies): 2 students</p> <p>William and Mary Research Experience for Undergraduates at the Keck Lab: 4 students</p> <p>Project Level Aid Research Assistants Supervised: 16 students</p>