

Marc N. Conte

<https://marcnconte.ace.fordham.edu/>

441 E Fordham Rd.
E521 Dealy Hall
Bronx, NY 10458

Office: (718) 817-3870
Email: marc.conte@fordham.edu

RESEARCH AND TEACHING POSITIONS

May 2023-Present Professor, Economics Department Fordham University
January 2023-May 2023 Visiting Associate Professor, School of the Environment, Yale University
January 2020-May 2020 Visiting Associate Professor, School of Forestry and Environmental Studies, Yale University
September 2018-Present Associate Professor, Economics Department, Fordham University
August 2012-August 2018 Assistant Professor, Economics Department, Fordham University
September 2008-June 2012 Post-Doctoral Research Fellow, Woods Institute for the Environment, Stanford University and Environmental Economist with the Natural Capital Project
January 2008-May 2008 Visiting Lecturer, Williams College

EDUCATION

Ph.D., University of California, Santa Barbara, September 2008
Environmental Science and Management (emphasis: Economics and Environmental Science (EES))
A.B., Dartmouth College, 2000
Double-major in Ecology and Economics

PUBLICATIONS

PEER-REVIEWED JOURNALS

Conte, M.N., M. Gordon, N.A. Swartwood, R. Wilwerding, and C.A. Yu. Observational studies generate misleading results about the health effects of air pollution: Evidence from chronic air pollution and COVID-19 outcomes. 2024. *PLOS ONE* 19(1): e0296154.

Bastien-Olvera, B.A., M.N. Conte, et al. Unequal climate impacts on global values of natural capital. 2023 *Nature* 625: 722-727. <https://doi.org/10.1038/s41586-023-06769-z>

Conte, M.N. et al. A Framework for Evaluating Mechanisms to Support Seasonal Migratory Species. 2023. *Review of Environmental Economics and Policy* 17(1): 132-151.

Moore, F.C., A. Stokes, X. Dong, and M.N. Conte. 2022. Noah's Ark in a Warming World: Climate Change, Biodiversity Loss and Public Adaptation Costs in the United States. *Journal of the Association of Environmental and Resource Economists* 9(5): 981-1015.

Conte, M.N. and D. Kelly. 2021. Understanding the Improbable: A Survey of Fat Tails in Environmental Economics. *Annual Review of Resource Economics* 13: 289-310.

Swinehart S., R. Fuller, R. Kupka, and M.N. Conte. 2019. Rethinking Aid Allocation: Analysis of Official Development Spending on Modern Pollution Reduction. *Annals of Global Health* 85(1): 132-143.

Conte, M.N. and R. Griffin. 2019. Private Benefits of Conservation and Procurement Auction Performance. *Environmental and Resource Economics* 73(3): 759-790.

Banerjee, S. and M.N. Conte. 2018. Information Access, Conservation Practice Choice, and Rent Seeking in Conservation Procurement Auctions: Evidence from a Laboratory Experiment. *American Journal of Agricultural Economics* 100(5): 1407-1426.

Conte, M.N. and P. Shaw. 2018. District Subdivision and the Location of Smallholder Forest Conversion in Sumatra. *Land Economics* 94(3): 437-458.

Conte, M.N. and D. Kelly. 2018. An Imperfect Storm: FEMA, Private Climate Insurers, and Climate Change. *Journal of Environmental Economics and Management* 92: 677-706.

Conte, M.N. and R. Griffin. 2017. Quality Information and Procurement Auction Outcomes: Evidence from a Payment for Ecosystem Services Laboratory Experiment. *American Journal of Agricultural Economics* 99(3): 571-591.

Conte, M.N. and G. Jacobsen. 2016. Explaining Demand for Green Electricity Using Data from All U.S. Utilities. *Energy Economics* 60: 122-130.

Ma, S., et al. 2016. Valuation of Ecosystem Services to Inform Management of Multiple-Use Landscapes. *Ecosystem Services* 19: 6-18.

Bhagabati, N.K., et al. 2014. Ecosystem services reinforce Sumatran tiger conservation in land use plans. *Biological Conservation* 169: 147-156.

Tallis, H., et al. 2012. New Metrics for Managing and Sustaining the Ocean's Bounty. *Marine Policy* 36(1): 303-306.

Conte, M.N. and M.J. Kotchen. 2010. Explaining the Price of Voluntary Carbon Offsets. *Climate Change Economics* 1(2): 19-38. (NBER Working Paper 15294).

Nelson, E.J., et al. 2010. Projecting Global Land-Use Change and its Effect on Ecosystem Service Provision and Biodiversity with Simple Models. *PLoS ONE* 5(12): 1-22.

Ricketts, T.H. et al. 2010. Indigenous Lands, Protected Areas, and Slowing Climate Change. *PLoS Biology* 8(3): 1-4.

WORKING PAPERS

“Coalition Formation for Targeted Environmental Benefits Provision: Tensions in Spatial Procurement Auction Design” (with S. Banerjee)

WORK IN PROGRESS

“Is the Price right? Insurance Prices as Signals of Hurricane-Damage Risk” (with D. Kelly)

“The Value of Species and Imperfect Substitutability with Market Goods: Implication for Climate Policy” (with M. Drupp and M. Hansel)

BOOK CHAPTERS

Bakkensen, L. and M.N. Conte. 2022. Risk Preferences and Natural Disasters: A Review of Theoretical and Empirical Themes. Handbook on Economics of Natural Disasters, edited by M. Skidmore. Edward Elgar.

Conte, M.N. 2013. Valuing Ecosystem Services. Encyclopedia of Biodiversity, 2nd Edition, edited by S. Levin. Princeton University Press.

Conte, M.N., D. Ennaanay, G. Mendoza, M.T. Walter, S. Wolny, and E. Nelson. 2011. Modeling Vegetative Retention of Nutrients and Sediment. In *Natural Capital: Theory and Practice of Mapping*

Ecosystem Services, edited by P. Kareiva, H. Tallis, G. Daily, T. Ricketts, and S. Polasky. Oxford University Press.

Conte, M.N., E. Nelson, K. Carney, C. Fissore, N. Olwero, A.J. Plantinga, B. Stanley, and T. Ricketts. 2011. Terrestrial Carbon Sequestration and Storage. In *Natural Capital: Theory and Practice of Mapping Ecosystem Services*, edited by P. Kareiva, H. Tallis, G. Daily, T. Ricketts, and S. Polasky. Oxford University Press.

Ennaanay, D., G. Mendoza, M.N. Conte, B. Wickel, S. Wolny. 2011. Storm Peak Mitigation. In *Natural Capital: Theory and Practice of Mapping Ecosystem Services*, edited by P. Kareiva, H. Tallis, G. Daily, T. Ricketts, and S. Polasky. Oxford University Press.

Mendoza, G., D. Ennaanay, M.N. Conte, M.T. Walter, E. Nelson, S. Wolny, L. Hay, G. Nagle, and S. White. 2011. Modeling Water Supply for Hydropower and Irrigation. In *Natural Capital: Theory and Practice of Mapping Ecosystem Services*, edited by P. Kareiva, H. Tallis, G. Daily, T. Ricketts, and S. Polasky. Oxford University Press.

E. Nelson, C. Montgomery, M.N. Conte, and S. Polasky. 2011. Timber and Non-Timber Forest Products. In *Natural Capital: Theory and Practice of Mapping Ecosystem Services*, edited by P. Kareiva, H. Tallis, G. Daily, T. Ricketts, and S. Polasky. Oxford University Press.

Lawler, J., E. Nelson, M.N. Conte, S.L. Shafer, D. Ennaanay, H. Tallis. 2011. Modeling the Impacts of Climate Change on Ecosystem Services. In *Natural Capital: Theory and Practice of Mapping Ecosystem Services*, edited by P. Kareiva, H. Tallis, G. Daily, T. Ricketts, and S. Polasky. Oxford University Press.

McKenzie, E., F. Irwin, J. Ranganathan, C. Hanson, C. Kousky, K. Bennett, M.N. Conte, J. Salzman, J. Paavola. 2011. Incorporating Ecosystem Services in Decisions. In *Natural Capital: Theory and Practice of Mapping Ecosystem Services*, edited by P. Kareiva, H. Tallis, G. Daily, T. Ricketts, and S. Polasky. Oxford University Press.

Perrings, C., S. Baumgärtner, W.A. Brock, K. Chopra, M.N. Conte, C. Costello, A.P. Kinzig, U. Pascual, S. Polasky, J. Tschirhart, A. Xepapadeas. 2009. Economics of biodiversity and ecosystem services. In *Biodiversity, Ecosystem Functioning, and Human Wellbeing*, edited by S. Naeem, D. Bunker, A. Hector, M. Loreau and C. Perrings. Oxford University Press.

POLICY WORK

Barano, T., N. Bhagabati, M.N. Conte, D. Ennaanay, O. Hadian, E. McKenzie, N. Olwero, A. Rosenthal, Suparmoko, A. Shapiro, H. Tallis, and S. Wolny. 2011. A Green Vision for Sumatra: Report to the Governments of Riau, Jambi, and Western Sumatra Provinces.

Conte, M.N., J.B. Friday, C. Giardina, J.S. Greenwell, N. Hannahs. 2009. The Emission-Reduction Potential of Native Forest Restoration in Hawai'i: Report to the Greenhouse Gas Emissions Reduction Task Force (appointed by the Hawai'i State Legislature).

REVIEWS

"Conserving and Valuing Ecosystem Services and Biodiversity: Economic, Institutional, and Social Challenges," edited by K.N. Ninan. *Bioscience* 60:9 (2010), 760-762.

"The Economics of Everglades Restoration: Missing Pieces in the Future of South Florida," edited by Richard Weiskoff. *Journal of Regional Science* 46:3 (2006), 588-590.

POPULAR PRESS

Conte, M.N. 2011. Ecosystem Services & Comprehensive Conservation Planning. Livebetter Magazine. May/June 2011 issue.

GRANTS

2023 Fordham Arts & Sciences Faculty Challenge Grant \$6,500
2023 Faculty-Led-Initiative Grant through the Fordham Center for Community Engaged Learning \$7,000
2022 Fordham University Interdisciplinary Research Grant \$6,000
2022 Environmental Defense Fund Clean Air & Equity Grant, \$200,000 Co-Principal Investigator and Co-Project Director
2019 National Science Foundation CNH Program, \$749,586 Co-Principal Investigator and Co-Project Director
2018 Fordham-NYU Faculty Research Fellowship, \$5,000
2016 Department of Agriculture NIFA Program, \$499,625 Co-Principal Investigator and Co-Project Director
2015 Fordham University Faculty Research Grant \$6,500
2013 Fordham University Faculty Research Grant \$6,500
2011 Department of Defense Environmental Security Technology Certification Program, \$2.59 million Named Investigator and Project Lead (G. Daily Principal Investigator)
2007 UCSB Economics Department Research Grant, \$6,000
2007 UCSB Economics Department Research Grant, \$1,500

HONORS AND AWARDS

Faculty Research Fellow, New York University November 2018-Present
Outstanding Externally Funded Research Award (Junior Faculty) Fordham University 2017
Early Career Environmental Scholar, (nominated by Aldo Leopold Fellow) 2010-2011.
Fellow, Biodiversity and Ecosystem Services Training Network (BESTNet), 2007
Selected participant, European Summer School in Resource and Environmental Economics at Venice International University, 2007
Fellow, NSF Integrative Graduate Education and Research Traineeship (IGERT), University of California, Santa Barbara 2003-2008

PRESENTATIONS

CONFERENCES

2022 BIOECON Conference, Exeter, UK
2022 AERE Conference, Miami, FL, June
2021 BIOECON Conference, Jackson, Wyoming
2019 BIOECON Conference, Wageningen University, The Netherlands
2018 World Congress of Environmental and Resource Economists, Gothenburg, Sweden June 25-29
2018 AERE Session at ASSA Meetings, Philadelphia, PA January 5-7
2018 ASSA/AAEA Invited session, Philadelphia, PA January 5-7
2017 CBEAR Conference on Behavioral and Experimental Economics Methods and Applications to Agri-environmental Policy, Shepherdstown, WV October 14-15
2016 BIOECON Conference, Cambridge, UK
2015 Occasional Conference, Santa Barbara, CA
2015 BIOECON Conference, Cambridge, UK
2015 AERE Conference, San Diego, CA, June
2015 AERE Session at ASSA Meetings, Boston, MA January 2-5.
2014 World Congress of Environmental and Resource Economists, Istanbul, Turkey June 28-July 2
2013 EAERE Annual Conference, Toulouse, France June 26-29.
2012 Occasional Conference, Santa Barbara, CA
2011 First-Annual AERE Conference, Seattle, WA, June 7-8.
2009 Camp Resources, Asheville, NC, August 13-15.
2009 Presentation to the Greenhouse Gas Emissions Reduction Task Force, Honolulu, HI, June 16.
2008 A Conference on Ecosystem Services, Naples, FL, December 7-11.
2008 ESEM Annual Conference, Milan, Italy, August 26-31.
2007 AERE session at the AAEA meetings, Portland, OR, July 29 - Aug 1.

2007 EAERE-FEEM Summer School: Trade, Biodiversity, and Property Rights, Venice, Italy, July 4-10.
2007 EAERE Annual Conference, Thessaloniki, Greece, June 26-30.
2007 AERE Workshop: Valuation and Incentives for Ecosystem Services, Mystic, CT, June 7-9.
2006 Alaska Salmon Program Symposium, School of Aquatic and Fisheries Sciences, University of Washington, December 2006.

INVITED PRESENTATIONS

Amherst College, California State University (Earth Day Plenary), East-West Center (Honolulu), Emory University, Resources for the Future, Rutgers University, University of Cape Town, University of Hawai'i, University of Miami, University of Nebraska, University of Rhode Island, United Nations, United Nations Climate Action Team, Yale University, Williams College

TEACHING EXPERIENCE

Yale University. Visiting Associate Professor
Environmental Economics and Policy (Spring 2020, 2023), Evaluation of Payment for Ecosystem Services Programs (2020)

Fordham University. Professor
Environmental Economics, Introduction to the Economics of Environmental Policy, Honors Intermediate Microeconomics (Gabelli School of Business), Environmental and Resource Economics (MA)

Stanford University. Guest Lecturer.
Winter 2011, Environmental Economics and Policy.
Spring 2010, Cooperative and Regulatory Approaches to Environmental Policy.
Winter 2009, Environmental Economics and Policy.

University of Bayreuth and Wurzburg University. Guest Lecturer. October 2010.
Global Change Ecology Summer School: Assessing and Communicating the Loss of Biodiversity and Ecosystem Services

Williams College. Visiting Lecturer. Spring 2008,
Price and Allocation Theory.
Environmental Policy and Natural Resource Management.

University of California, Santa Barbara. Lecturer.
Fall 2007, Statistics workshop for Master of Environmental Science and Management students.
Fall 2006, Statistics workshop for Master of Environmental Science and Management students.
Spring 2006, Econometrics review for first-year Ph.D. students in preparation for preliminary examination.

University of California, Santa Barbara. Teaching Assistant.
Fall 2007, Introduction to Environmental Policy Analysis. Professor Matthew Kotchen.
Winter 2007, Economics of Environmental Management. Professor Christopher Costello.

ACADEMIC SERVICE

UNIVERSITY SERVICE

January 2023-Present Faculty Member of the Fordham Sustainability Council
November 2022 Faculty Fellowship Review Committee Member
July 2017-May 2019 Core Advisor to Incoming Freshman (by invitation)
Fall 2013-June 2014 Institutional Review Board Member
October 2013-August 2014 Fordham Social Innovation Collaboratory Steering Committee Member

DEPARTMENTAL SERVICE

January 2024-Present Merit Committee Member
September 2022-Present Representation and Inclusiveness Committee in Economics (RICE) Chair
November 2020-August 2022 Climate Committee (now Representation and Inclusiveness Committee in Economics) Member
November 2018-May 2020 Fellowship Committee Member

October 2018-2020 Merit Committee Member
January 2017 Applicant Interviewer at AEA Meetings in Chicago
December 2015-March 2016 Hiring Committee Member
January 2014-September 2019 Co-organizer of Department Seminar Series
Honors Undergraduate Thesis Chair: Craig Domeier (2013)
Independent Study Supervisor: Liam O'Flaherty (2013)
Dissertation Committee Member: Helene Purcell (2019-2021)
Dissertation Committee Chair: Rachel Wilwerding (2020-Present)

REFEREE ACTIVITY

American Journal of Agricultural Economics, Climatic Change, Ecological Economics, Ecology and Society, Energy Journal, Environmental and Resource Economics, Environmental Economics and Policy Studies, Environmental Research Letters, Food Policy, Journal of the Association of Environmental and Resource Economists, Journal of Economic Behavior and Organization, Journal of Environmental Economics and Management, Journal of Environmental Management, Journal of Public Economics, Land Economics, National Science Foundation, Nature Climate Change, Proceedings of the National Academy of Sciences, Strategic Behavior and the Environment

PROFESSIONAL ACTIVITIES

2013-Present Member, AERE
2013 EAERE
2011 Member, AERE
2008-213 Founding Board Member, Bay Area Tropical Forest Network