

Paul J Ferraro

List of Publications by Year in descending order

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115
papers

12,444
citations

53794

45
h-index

27406

106
g-index

117
all docs

117
docs citations

117
times ranked

9933
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Money for Nothing? A Call for Empirical Evaluation of Biodiversity Conservation Investments. PLoS Biology, 2006, 4, e105. | 5.6 | 891 |
| 2 | Integrating economic costs into conservation planning. Trends in Ecology and Evolution, 2006, 21, 681-687. | 8.7 | 868 |
| 3 | Measuring the effectiveness of protected area networks in reducing deforestation. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 16089-16094. | 7.1 | 763 |
| 4 | ECOLOGY: Direct Payments to Conserve Biodiversity. Science, 2002, 298, 1718-1719. | 12.6 | 700 |
| 5 | Show Me the Money: Do Payments Supply Environmental Services in Developing Countries?. Review of Environmental Economics and Policy, 2010, 4, 254-274. | 7.0 | 503 |
| 6 | One Hundred Questions of Importance to the Conservation of Global Biological Diversity. Conservation Biology, 2009, 23, 557-567. | 4.7 | 468 |
| 7 | Using Nonpecuniary Strategies to Influence Behavior: Evidence from a Large-Scale Field Experiment. Review of Economics and Statistics, 2013, 95, 64-73. | 4.3 | 447 |
| 8 | Asymmetric information and contract design for payments for environmental services. Ecological Economics, 2008, 65, 810-821. | 5.7 | 416 |
| 9 | ECOSYSTEM SERVICES AND ECONOMIC THEORY: INTEGRATION FOR POLICY-RELEVANT RESEARCH. Ecological Applications, 2008, 18, 2050-2067. | 3.8 | 409 |
| 10 | Protected areas reduced poverty in Costa Rica and Thailand. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 9996-10001. | 7.1 | 359 |
| 11 | The Cost-Effectiveness of Conservation Payments. Land Economics, 2002, 78, 339-353. | 0.9 | 303 |
| 12 | Counterfactual thinking and impact evaluation in environmental policy. New Directions for Evaluation, 2009, 2009, 75-84. | 0.7 | 292 |
| 13 | Evaluation of biodiversity policy instruments: what works and what doesn't?. Oxford Review of Economic Policy, 2012, 28, 69-92. | 1.9 | 276 |
| 14 | Mainstreaming Impact Evaluation in Nature Conservation. Conservation Letters, 2016, 9, 58-64. | 5.7 | 275 |
| 15 | The Persistence of Treatment Effects with Norm-Based Policy Instruments: Evidence from a Randomized Environmental Policy Experiment. American Economic Review, 2011, 101, 318-322. | 8.5 | 268 |
| 16 | Global Habitat Protection: Limitations of Development Interventions and a Role for Conservation Performance Payments. Conservation Biology, 2001, 15, 990-1000. | 4.7 | 255 |
| 17 | Quantifying causal mechanisms to determine how protected areas affect poverty through changes in ecosystem services and infrastructure. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4332-4337. | 7.1 | 229 |
| 18 | Nudging pro-environmental behavior: evidence and opportunities. Frontiers in Ecology and the Environment, 2018, 16, 159-168. | 4.0 | 223 |

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|----|--|------|-----------|
| 19 | Conditions associated with protected area success in conservation and poverty reduction. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 13913-13918. | 7.1 | 222 |
| 20 | Do Payments for Environmental Services Affect Forest Cover? A Farm-Level Evaluation from Costa Rica. Land Economics, 2012, 88, 382-399. | 0.9 | 217 |
| 21 | Advances in Measuring the Environmental and Social Impacts of Environmental Programs. Annual Review of Environment and Resources, 2014, 39, 495-517. | 13.4 | 186 |
| 22 | The today and tomorrow of kids: Time preferences and educational outcomes of children. Journal of Public Economics, 2011, 95, 1377-1385. | 4.3 | 162 |
| 23 | Causal inference in coupled human and natural systems. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 5311-5318. | 7.1 | 148 |
| 24 | The local costs of establishing protected areas in low-income nations: Ranomafana National Park, Madagascar. Ecological Economics, 2002, 43, 261-275. | 5.7 | 142 |
| 25 | Making parks make a difference: poor alignment of policy, planning and management with protected-area impact, and ways forward. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140280. | 4.0 | 133 |
| 26 | The Persistent Impacts of Norm-Based Messaging and Their Implications for Water Conservation. Journal of Consumer Policy, 2014, 37, 437-452. | 1.3 | 129 |
| 27 | More strictly protected areas are not necessarily more protective: evidence from Bolivia, Costa Rica, Indonesia, and Thailand. Environmental Research Letters, 2013, 8, 025011. | 5.2 | 126 |
| 28 | Heterogeneous treatment effects and mechanisms in information-based environmental policies: Evidence from a large-scale field experiment. Resources and Energy Economics, 2013, 35, 356-379. | 2.5 | 125 |
| 29 | Assigning priority to environmental policy interventions in a heterogeneous world. Journal of Policy Analysis and Management, 2003, 22, 27-43. | 1.4 | 118 |
| 30 | The Future of Payments for Environmental Services. Conservation Biology, 2011, 25, 1134-1138. | 4.7 | 116 |
| 31 | Effectiveness of Community Forest Management at reducing deforestation in Madagascar. Biological Conservation, 2015, 184, 271-277. | 4.1 | 116 |
| 32 | The effectiveness of the US endangered species act: An econometric analysis using matching methods. Journal of Environmental Economics and Management, 2007, 54, 245-261. | 4.7 | 107 |
| 33 | Forest Figures: Ecosystem Services Valuation and Policy Evaluation in Developing Countries. Review of Environmental Economics and Policy, 2012, 6, 20-44. | 7.0 | 107 |
| 34 | Protecting Ecosystems and Alleviating Poverty with Parks and Reserves: "Win-Win" or Tradeoffs?. Environmental and Resource Economics, 2011, 48, 269-286. | 3.2 | 101 |
| 35 | A Revealed Preference Approach to Estimating Supply Curves for Ecosystem Services: Use of Auctions to Set Payments for Soil Erosion Control in Indonesia. Conservation Biology, 2009, 23, 359-367. | 4.7 | 100 |
| 36 | Measuring the difference made by conservation initiatives: protected areas and their environmental and social impacts. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140270. | 4.0 | 100 |

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|----|--|------|-----------|
| 37 | Estimating the impacts of conservation on ecosystem services and poverty by integrating modeling and evaluation. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7420-7425. | 7.1 | 96 |
| 38 | Combining Qualitative and Quantitative Methods to Evaluate Participation in Costa Rica's Program of Payments for Environmental Services. Journal of Sustainable Forestry, 2009, 28, 343-367. | 1.4 | 75 |
| 39 | Through what mechanisms do protected areas affect environmental and social outcomes?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140267. | 4.0 | 71 |
| 40 | Emerging Evidence on the Effectiveness of Tropical Forest Conservation. PLoS ONE, 2016, 11, e0159152. | 2.5 | 62 |
| 41 | Panel Data Designs and Estimators as Substitutes for Randomized Controlled Trials in the Evaluation of Public Programs. Journal of the Association of Environmental and Resource Economists, 2017, 4, 281-317. | 1.5 | 60 |
| 42 | Price Premiums for Eco-friendly Commodities: Are "Green" Markets the Best Way to Protect Endangered Ecosystems?. Environmental and Resource Economics, 2005, 32, 419-438. | 3.2 | 59 |
| 43 | The performance of non-experimental designs in the evaluation of environmental programs: A design-replication study using a large-scale randomized experiment as a benchmark. Journal of Economic Behavior and Organization, 2014, 107, 344-365. | 2.0 | 58 |
| 44 | Park Location Affects Forest Protection: Land Characteristics Cause Differences in Park Impacts across Costa Rica. B E Journal of Economic Analysis and Policy, 2009, 9, . | 0.9 | 55 |
| 45 | Causal Effect of Impervious Cover on Annual Flood Magnitude for the United States. Geophysical Research Letters, 2020, 47, no. | 4.0 | 55 |
| 46 | Targeting Conservation Investments in Heterogeneous Landscapes: A Distance-Function Approach and Application to Watershed Management. American Journal of Agricultural Economics, 2004, 86, 905-918. | 4.3 | 54 |
| 47 | Biodiversity conservation as a promising frontier for behavioural science. Nature Human Behaviour, 2021, 5, 550-556. | 12.0 | 54 |
| 48 | Social dimensions of procurement auctions for environmental service contracts: Evaluating tradeoffs between cost-effectiveness and participation by the poor in rural Tanzania. Land Use Policy, 2013, 31, 71-80. | 5.6 | 50 |
| 49 | Do Payments Pay Off? Evidence from Participation in Costa Rica's PES Program. PLoS ONE, 2015, 10, e0131544. | 2.5 | 50 |
| 50 | Impacts of Community Forest Management on Human Economic Well-Being across Madagascar. Conservation Letters, 2017, 10, 346-353. | 5.7 | 47 |
| 51 | Conditional cash transfers to alleviate poverty also reduced deforestation in Indonesia. Science Advances, 2020, 6, eaaz1298. | 10.3 | 47 |
| 52 | Behavioral and Experimental Agri-Environmental Research: Methodological Challenges, Literature Gaps, and Recommendations. Environmental and Resource Economics, 2019, 73, 719-742. | 3.2 | 45 |
| 53 | Regional Review of Payments for Watershed Services: Sub-Saharan Africa. Journal of Sustainable Forestry, 2009, 28, 525-550. | 1.4 | 44 |
| 54 | Moving Rio Forward and Avoiding 10 More Years with Little Evidence for Effective Conservation Policy. Conservation Biology, 2014, 28, 880-882. | 4.7 | 43 |

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|----|--|-----|-----------|
| 55 | CULTURAL DIVERSITY, DISCRIMINATION, AND ECONOMIC OUTCOMES: AN EXPERIMENTAL ANALYSIS. <i>Economic Inquiry</i> , 2007, 45, 217-232. | 1.8 | 41 |
| 56 | A Global Review of Incentive Payments for Sea Turtle Conservation. <i>Chelonian Conservation and Biology</i> , 2009, 8, 48-56. | 0.6 | 41 |
| 57 | The Source and Significance of Confusion in Public Goods Experiments. <i>B E Journal of Economic Analysis and Policy</i> , 2010, 10, . | 0.9 | 40 |
| 58 | Addressing Participant Inattention in Federal Programs: A Field Experiment with the Conservation Reserve Program. <i>American Journal of Agricultural Economics</i> , 2017, 99, 914-931. | 4.3 | 40 |
| 59 | Making more effective use of human behavioural science in conservation interventions. <i>Biological Conservation</i> , 2021, 261, 109256. | 4.1 | 40 |
| 60 | Detecting other-regarding behavior with virtual players. <i>Journal of Economic Behavior and Organization</i> , 2003, 51, 99-109. | 2.0 | 38 |
| 61 | Are Voters More Likely to Contribute to Other Public Goods? Evidence from a Large-scale Randomized Policy Experiment. <i>American Journal of Political Science</i> , 2014, 58, 17-30. | 4.5 | 38 |
| 62 | Behavioral science tools to strengthen energy & environmental policy. <i>Behavioral Science and Policy</i> , 2017, 3, 68-79. | 0.4 | 38 |
| 63 | Voluntary development of environmental management systems: motivations and regulatory implications. <i>Journal of Regulatory Economics</i> , 2007, 32, 37-65. | 1.4 | 37 |
| 64 | Projecting the performance of conservation interventions. <i>Biological Conservation</i> , 2017, 215, 142-151. | 4.1 | 31 |
| 65 | Adoption of community monitoring improves common pool resource management across contexts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 7.1 | 31 |
| 66 | Using counterfactuals to evaluate the cost-effectiveness of controlling biological invasions. <i>Ecological Applications</i> , 2016, 26, 475-483. | 3.8 | 30 |
| 67 | Causal assumptions and causal inference in ecological experiments. <i>Trends in Ecology and Evolution</i> , 2021, 36, 1141-1152. | 8.7 | 30 |
| 68 | Estimating the effect of plantations on pine invasions in protected areas: a case study from South Africa. <i>Journal of Applied Ecology</i> , 2015, 52, 110-118. | 4.0 | 29 |
| 69 | Corruption and conservation: the need for empirical analyses. A response to Smith & Walpole. <i>Oryx</i> , 2005, 39, 257-259. | 1.0 | 27 |
| 70 | Do Economists Recognize an Opportunity Cost When They See One? A Dismal Performance from the Dismal Science. <i>BE Journal of Economic Analysis and Policy</i> , 2005, 4, . | 0.2 | 27 |
| 71 | Conservation Contracting in Heterogeneous Landscapes: An Application to Watershed Protection with Threshold Constraints. <i>Agricultural and Resource Economics Review</i> , 2003, 32, 53-64. | 1.1 | 26 |
| 72 | The effects of protected area systems on ecosystem restoration: a quasi-experimental design to estimate the impact of Costa Rica's protected area system on forest regrowth. <i>Conservation Letters</i> , 2013, 6, 317-323. | 5.7 | 26 |

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|----|---|------|-----------|
| 73 | Paying Americans to take the vaccineâ€”would it help or backfire?. Journal of Law and the Biosciences, 2021, 8, Isab027. | 1.6 | 26 |
| 74 | Optimizing the Riparian Buffer: Harold Brook in the Skaneateles Lake Watershed, New York. Land Economics, 2002, 78, 501-514. | 0.9 | 24 |
| 75 | Conservation behavior and effects of economic and environmental message frames. Conservation Letters, 2020, 13, e12750. | 5.7 | 24 |
| 76 | Synthesizing evidence in sustainability science through harmonized experiments: Community monitoring in common pool resources. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 7.1 | 24 |
| 77 | Know Thyself: Competence and Self-awareness. Atlantic Economic Journal, 2010, 38, 183-196. | 0.5 | 23 |
| 78 | The behavioural effect of electronic home energy reports: Evidence from a randomised field trial in the United States. Energy Policy, 2019, 132, 1256-1261. | 8.8 | 22 |
| 79 | Featureâ€”Is a Replicability Crisis on the Horizon for Environmental and Resource Economics?. Review of Environmental Economics and Policy, 2020, 14, 339-351. | 7.0 | 21 |
| 80 | Challenges in Recruiting U.S. Farmers for Policyâ€”Relevant Economic Field Experiments. Applied Economic Perspectives and Policy, 2021, 43, 556-572. | 5.6 | 21 |
| 81 | Incentives for climate mitigation in the land use sectorâ€”the effects of payment for environmental services on environmental and socioeconomic outcomes in lowâ€”and middleâ€”income countries: A mixedâ€”methods systematic review. Campbell Systematic Reviews, 2019, 15, e1045. | 3.0 | 19 |
| 82 | The impacts of a capacity-building workshop in a randomized adaptation project. Nature Climate Change, 2019, 9, 587-591. | 18.8 | 16 |
| 83 | Aligning evidence generation and use across health, development, and environment. Current Opinion in Environmental Sustainability, 2019, 39, 81-93. | 6.3 | 16 |
| 84 | The environmental effects of poverty programs and the poverty effects of environmental programs: The missing RCTs. World Development, 2020, 127, 104783. | 4.9 | 15 |
| 85 | Community-based monitoring to facilitate water management by local institutions in Costa Rica. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 7.1 | 15 |
| 86 | PROTECTING FORESTS AND BIODIVERSITY: ARE INVESTMENTS IN ECO-FRIENDLY PRODUCTION ACTIVITIES THE BEST WAY TO PROTECT ENDANGERED ECOSYSTEMS AND ENHANCE RURAL LIVELIHOODS?. Forests Trees and Livelihoods, 2005, 15, 167-181. | 1.2 | 13 |
| 87 | A cautionary tale on using panel data estimators to measure program impacts. Economics Letters, 2017, 151, 82-90. | 1.9 | 13 |
| 88 | Reimagining safe drinking water on the basis of twenty-first-century science. Nature Sustainability, 2021, 4, 1032-1037. | 23.7 | 13 |
| 89 | A field experiment to estimate the effects of anchoring and framing on residentsâ€™ willingness to purchase water runoff management technologies. Resources and Energy Economics, 2021, 63, 101107. | 2.5 | 10 |
| 90 | Using a randomized controlled trial to develop conservation strategies on rented farmlands. Conservation Letters, 2021, 14, e12803. | 5.7 | 10 |

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|-----|---|-----|-----------|
| 91 | Cost-effective conservation when eco-entrepreneurs have market power. <i>Environment and Development Economics</i> , 2005, 10, 651-663. | 1.5 | 9 |
| 92 | The Effect of Peer Comparisons on Polluters: A Randomized Field Experiment among Wastewater Dischargers. <i>Environmental and Resource Economics</i> , 2021, 79, 627-652. | 3.2 | 8 |
| 93 | Improving credibility and transparency of conservation impact evaluations through the partial identification approach. <i>Conservation Biology</i> , 2016, 30, 371-381. | 4.7 | 7 |
| 94 | Rented farmland: A missing piece of the nutrient management puzzle in the Upper Mississippi River Basin?. <i>Journal of Soils and Water Conservation</i> , 2021, 76, 5A-9A. | 1.6 | 7 |
| 95 | Applying a "fail-fast" approach to conservation in <sc>US</sc> agriculture. <i>Conservation Science and Practice</i> , 2022, 4, . | 2.0 | 7 |
| 96 | Behavioral Biases among Producers: Experimental Evidence of Anchoring in Procurement Auctions. <i>Review of Economics and Statistics</i> , 0, , 1-40. | 4.3 | 6 |
| 97 | Stock market reactions to information disclosure: new evidence from Japan's pollutant release and transfer register. <i>Environmental Economics and Policy Studies</i> , 2007, 8, 159-171. | 2.0 | 5 |
| 98 | Reducing demand for overexploited wildlife products: Lessons from systematic reviews from outside conservation science. <i>Conservation Science and Practice</i> , 2022, 4, . | 2.0 | 5 |
| 99 | PROTOCOL: Incentives for climate mitigation in the land use sector: a mixed-methods systematic review of the effectiveness of payment for environment services (PES) on environmental and socio-economic outcomes in low- and middle-income countries. <i>Campbell Systematic Reviews</i> , 2018, 14, 1-77. | 3.0 | 4 |
| 100 | Time and risk preferences of individuals, married couples and unrelated pairs. <i>Journal of Behavioral and Experimental Economics</i> , 2022, 97, 101794. | 1.2 | 3 |
| 101 | Private costs of carbon emissions abatement by limiting beef consumption and vehicle use in the United States. <i>PLoS ONE</i> , 2022, 17, e0261372. | 2.5 | 3 |
| 102 | A reassessment of the potential for loss-framed incentive contracts to increase productivity: a meta-analysis and a real-effort experiment. <i>Experimental Economics</i> , 2022, 25, 1441-1466. | 2.1 | 3 |
| 103 | More Strictly Protected Areas are Not Necessarily More Protective: Evidence from Bolivia, Costa Rica, Indonesia, and Thailand. <i>SSRN Electronic Journal</i> , 2015, , . | 0.4 | 2 |
| 104 | A story induces greater environmental contributions than scientific information among liberals but not conservatives. <i>One Earth</i> , 2021, 4, 545-552. | 6.8 | 2 |
| 105 | Do Biodiversity Policies Work? The Case for Conservation Evaluation 2.0. , 2014, , 250-284. | | 2 |
| 106 | Are payments for ecosystem services benefiting ecosystems and people?. , 2017, , . | | 2 |
| 107 | PROTOCOL: Residential energy efficiency interventions: An effectiveness systematic review. <i>Campbell Systematic Reviews</i> , 2021, 17, . | 3.0 | 2 |
| 108 | Conservation outreach that acknowledges human contributions to climate change does not inhibit action by U.S. farmers: Evidence from a large randomized controlled trial embedded in a federal program on soil health. <i>PLoS ONE</i> , 2021, 16, e0253872. | 2.5 | 1 |

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|-----|--|-----|-----------|
| 109 | Lottery Incentives and Resource Management: Evidence from the Agricultural Data Reporting Incentive Program (AgDRIP). <i>Environmental and Resource Economics</i> , 2022, 82, 847-867. | 3.2 | 1 |
| 110 | Experimental Approaches to Understanding Inter-cultural Conflict Over Resources. , 2006, , . | | 0 |
| 111 | Response to Hockley: The merit of economic and biological measures in conservation planning. <i>Trends in Ecology and Evolution</i> , 2007, 22, 287-288. | 8.7 | 0 |
| 112 | Payments for Watershed Services in Developing Countries. , 2008, , . | | 0 |
| 113 | The Problem of Feral Hogs and the Challenges of Providing a Weakâ€Link Public Good. <i>Applied Economic Perspectives and Policy</i> , 2021, 43, 985-1002. | 5.6 | 0 |
| 114 | The Effects of Protected Area Systems on Ecosystem Restoration: A Quasi-Experimental Design to Estimate the Impact of Costa Rica's Protected Area System on Forest Regrowth. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 0 |
| 115 | Using counterfactuals to evaluate the cost-effectiveness of controlling biological invasions. , 0, , 150728093535002. | | 0 |