

# Eli P Fenichel

## List of Publications by Year in descending order

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Version: 2024-02-01

77  
papers

3,085  
citations

172457

29  
h-index

182427

51  
g-index

83  
all docs

83  
docs citations

83  
times ranked

4060  
citing authors

#	ARTICLE	IF	CITATIONS
1	Valuing natural capital when management is dominated by periods of inaction. <i>American Journal of Agricultural Economics</i> , 2022, 104, 791-811.	4.3	1
2	Effects of a grazing permit market on pastoralist behavior and overgrazing in Kenya. <i>Environmental Research Letters</i> , 2022, 17, 035002.	5.2	1
3	Challenges of integrating economics into epidemiological analysis of and policy responses to emerging infectious diseases. <i>Epidemics</i> , 2022, 39, 100585.	3.0	4
4	Fish and fisheries in hot water: What is happening and how do we adapt?. <i>Population Ecology</i> , 2021, 63, 17-26.	1.2	35
5	Per trip changes to the economic value of Ontario, Canada anglers fishing the Laurentian Great Lakes under target species transitions. <i>Human Dimensions of Wildlife</i> , 2021, 26, 132-147.	1.8	4
6	Risk compensation and face mask mandates during the COVID-19 pandemic. <i>Scientific Reports</i> , 2021, 11, 3174.	3.3	53
7	The influence of human population change and aquatic invasive species establishment on future recreational fishing activities to the Canadian portion of the Laurentian Great Lakes. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2021, 78, 232-244.	1.4	6
8	Measuring voluntary and policy-induced social distancing behavior during the COVID-19 pandemic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	95
9	Complementarity (Not Substitution) between Natural and Produced Capital: Evidence from the Panama Canal Expansion. <i>Journal of the Association of Environmental and Resource Economists</i> , 2021, 8, 1115-1146.	1.5	2
10	Boundary spanning among research and policy communities to address the emerging industrial revolution in the ocean. <i>Environmental Science and Policy</i> , 2020, 104, 73-81.	4.9	13
11	Modifying national accounts for sustainable ocean development. <i>Nature Sustainability</i> , 2020, 3, 889-895.	23.7	37
12	Preparing for a changing future in recreational fisheries: 100 research questions for global consideration emerging from a horizon scan. <i>Reviews in Fish Biology and Fisheries</i> , 2020, 30, 137-151.	4.9	45
13	For want of a chair: Teaching price formation using a cap and trade game. <i>Journal of Economic Education</i> , 2020, 51, 52-66.	1.3	1
14	Impact of school closures for COVID-19 on the US health-care workforce and net mortality: a modelling study. <i>Lancet Public Health</i> , The, 2020, 5, e271-e278.	10.0	291
15	The economics of conservation debt: a natural capital approach to revealed valuation of ecological dynamics. <i>Ecological Applications</i> , 2020, 30, e02132.	3.8	9
16	Choices and the value of natural capital. <i>Oxford Review of Economic Policy</i> , 2019, 35, 120-137.	1.9	17
17	The ecological insurance trap. <i>Journal of Environmental Economics and Management</i> , 2019, 98, 102251.	4.7	1
18	Incentive Systems for Forest-Based Ecosystem Services with Missing Financial Service Markets. <i>Journal of the Association of Environmental and Resource Economists</i> , 2019, 6, 319-347.	1.5	9

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19	Capital Investment for Optimal Exploitation of Renewable Resource Stocks in the Age of Global Change. <i>Ecological Economics</i> , 2019, 165, 106335.	5.7	5
20	Assessing ecological infrastructure investments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5254-5261.	7.1	40
21	Governing the recreational dimension of global fisheries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5209-5213.	7.1	171
22	Spatial aggregation and the value of natural capital. <i>Journal of Environmental Economics and Management</i> , 2019, 95, 118-132.	4.7	11
23	Soil carbon science for policy and practice. <i>Nature Sustainability</i> , 2019, 2, 1070-1072.	23.7	80
24	Path-dependent institutions drive alternative stable states in conservation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 689-694.	7.1	21
25	Synchronized Peak Rate Years of Global Resources Use Imply Critical Trade-Offs in Appropriation of Natural Resources and Ecosystem Services. , 2019, , 301-307.		1
26	Synthesizing ecological and human use information to understand and manage coastal change. <i>Ocean and Coastal Management</i> , 2018, 162, 100-109.	4.4	7
27	Linking Time-Use Data to Explore Health Outcomes: Choosing to Vaccinate Against Influenza. <i>EcoHealth</i> , 2018, 15, 290-301.	2.0	2
28	The Allocation of Time and Risk of Lyme: A Case of Ecosystem Service Income and Substitution Effects. <i>Environmental and Resource Economics</i> , 2018, 70, 631-650.	3.2	26
29	Species dispersal and biodiversity in human-dominated metacommunities. <i>Journal of Theoretical Biology</i> , 2018, 457, 199-210.	1.7	10
30	A Portfolio-Balancing Approach to Natural Capital and Liabilities: Managing Livestock and Wildlife Diseases with Cross-Species Transmission. <i>Environmental and Resource Economics</i> , 2018, 70, 673-689.	3.2	3
31	Testing the feasibility of a hypothetical whaling conservation permit market in Norway. <i>Conservation Biology</i> , 2017, 31, 809-817.	4.7	27
32	Ecosystem-based management and the wealth of ecosystems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6539-6544.	7.1	37
33	Tinbergen and tipping points: Could some thresholds be policy-induced?. <i>Journal of Economic Behavior and Organization</i> , 2016, 132, 137-152.	2.0	40
34	Identifying Alternate Pathways for Climate Change to Impact Inland Recreational Fishers. <i>Fisheries</i> , 2016, 41, 362-372.	0.8	47
35	Wealth reallocation and sustainability under climate change. <i>Nature Climate Change</i> , 2016, 6, 237-244.	18.8	52
36	Measuring the value of groundwater and other forms of natural capital. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 2382-2387.	7.1	87

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37	Capturing Household Transmission in Compartmental Models of Infectious Disease. , 2016, , 329-340.		4
38	Measured voluntary avoidance behaviour during the 2009 A/H1N1 epidemic. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20150814.	2.6	58
39	Accounting for behavioral responses during a flu epidemic using home television viewing. BMC Infectious Diseases, 2015, 15, 21.	2.9	43
40	Why Should Data Be Free; Don't You Get What You Pay For?. BioScience, 2015, 65, 541-542.	4.9	7
41	Living With Locusts: Connecting Soil Nitrogen, Locust Outbreaks, Livelihoods, and Livestock Markets. BioScience, 2015, 65, 551-558.	4.9	45
42	Teakâ€cattle production tradeoffs for Panama Canal Watershed small scale producers. Forest Policy and Economics, 2015, 56, 48-56.	3.4	15
43	Managing dynamic epidemiological risks through trade. Journal of Economic Dynamics and Control, 2015, 53, 192-207.	1.6	14
44	Bioeconomic analysis supports the endangered species act. Journal of Mathematical Biology, 2015, 71, 817-846.	1.9	7
45	Sustainability and Substitutability. Bulletin of Mathematical Biology, 2015, 77, 348-367.	1.9	20
46	Bioeconomics: nature as capital. , 2015, , .		5
47	Merging Economics and Epidemiology to Improve the Prediction and Management of Infectious Disease. EcoHealth, 2014, 11, 464-475.	2.0	87
48	Synchronized peak-rate years of global resources use. Ecology and Society, 2014, 19, .	2.3	72
49	Heterogeneity and the fragility of the first best: Putting the â€œmicroâ€ in bioeconomic models of recreational resources. Resources and Energy Economics, 2014, 36, 351-369.	2.5	27
50	Natural Capital: From Metaphor to Measurement. Journal of the Association of Environmental and Resource Economists, 2014, 1, 1-27.	1.5	79
51	The Control of Invasive Species on Private Property with Neighbor-to-Neighbor Spillovers. Environmental and Resource Economics, 2014, 59, 231-255.	3.2	49
52	Modelling angler behaviour as a part of the management system: synthesizing a multiâ€disciplinary literature. Fish and Fisheries, 2013, 14, 137-157.	5.3	88
53	Anticipating adaptation: a mechanistic approach for linking policy and stock status to recreational angler behavior. Canadian Journal of Fisheries and Aquatic Sciences, 2013, 70, 1190-1208.	1.4	36
54	Economic considerations for social distancing and behavioral based policies during an epidemic. Journal of Health Economics, 2013, 32, 440-451.	2.7	129

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55	SIR DYNAMICS WITH ECONOMICALLY DRIVEN CONTACT RATES. <i>Natural Resource Modelling</i> , 2013, 26, 505-525.	2.0	29
56	Skip the Trip: Air Travelers' Behavioral Responses to Pandemic Influenza. <i>PLoS ONE</i> , 2013, 8, e58249.	2.5	102
57	The Mechanism and Phenomena of Adaptive Human Behavior During an Epidemic and the Role of Information. , 2013, , 153-168.		12
58	Implementation of a marine reserve has a rapid but short-lived effect on recreational angler use. <i>Ecological Applications</i> , 2012, 22, 597-605.	3.8	26
59	Dynamic Perspectives on the Control of Animal Disease: Merging Epidemiology and Economics. , 2012, , 101-118.		2
60	Border Inspection and Trade Diversion: Risk Reduction vs. Risk Substitution. , 2012, , 119-134.		0
61	The Potential Impact of Labor Choices on the Efficacy of Marine Conservation Strategies. <i>PLoS ONE</i> , 2011, 6, e23722.	2.5	4
62	Managing ecological thresholds in coupled environmental-human systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7333-7338.	7.1	141
63	Adaptive human behavior in epidemiological models. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6306-6311.	7.1	351
64	Bioeconomic management of invasive vector-borne diseases. <i>Biological Invasions</i> , 2010, 12, 2877-2893.	2.4	6
65	The opportunity cost of information: an economic framework for understanding the balance between assessment and control in sea lamprey ( <i>Petromyzon marinus</i> ) management. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2010, 67, 209-216.	1.4	13
66	Managing Infectious Animal Disease Systems. <i>Annual Review of Resource Economics</i> , 2010, 2, 101-124.	3.7	22
67	Management of infectious wildlife diseases: bridging conventional and bioeconomic approaches. <i>Ecological Applications</i> , 2010, 20, 903-914.	3.8	28
68	Indirect management of invasive species through bio-controls: A bioeconomic model of salmon and alewife in Lake Michigan. <i>Resources and Energy Economics</i> , 2010, 32, 500-518.	2.5	42
69	Modeling fish health to inform research and management: <i>Renibacterium salmoninarum</i> dynamics in Lake Michigan. <i>Ecological Applications</i> , 2009, 19, 747-760.	3.8	14
70	Chapter 4 Globalization and Invasive Alien Species: Trade, Pests, and Pathogens. , 2009, , 42-55.		2
71	Joint Management of Wildlife and Livestock Disease. <i>Environmental and Resource Economics</i> , 2008, 41, 47-70.	3.2	25
72	Real options for precautionary fisheries management. <i>Fish and Fisheries</i> , 2008, 9, 121-137.	5.3	24

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73	Fish Pathogen Screening and Its Influence on the Likelihood of Accidental Pathogen Introduction during Fish Translocations. <i>Journal of Aquatic Animal Health</i> , 2008, 20, 19-28.	1.4	13
74	Economics and Ecology of Managing Emerging Infectious Animal Diseases. <i>American Journal of Agricultural Economics</i> , 2007, 89, 1232-1238.	4.3	28
75	Gender-Based Harvesting in Wildlife Disease Management. <i>American Journal of Agricultural Economics</i> , 2007, 89, 904-920.	4.3	25
76	JOINTLY-DETERMINED ECOLOGICAL THRESHOLDS AND ECONOMIC TRADE-OFFS IN WILDLIFE DISEASE MANAGEMENT. <i>Natural Resource Modelling</i> , 2007, 20, 511-547.	2.0	33
77	Spatial Management of Wildlife Disease*. <i>Applied Economic Perspectives and Policy</i> , 2005, 27, 483-490.	1.0	14