

# Gerald C Nelson

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

1,923  
citations

430874

18  
h-index

434195

31  
g-index

39  
all docs

39  
docs citations

39  
times ranked

2410  
citing authors

#	ARTICLE	IF	CITATIONS
1	Climate change effects on agriculture: Economic responses to biophysical shocks. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 3274-3279.	7.1	568
2	Do Roads Cause Deforestation? Using Satellite Images in Econometric Analysis of Land Use. American Journal of Agricultural Economics, 1997, 79, 80-88.	4.3	286
3	Why do global long-term scenarios for agriculture differ? An overview of the AgMIP Global Economic Model Intercomparison. Agricultural Economics (United Kingdom), 2014, 45, 3-20.	3.9	183
4	Deforestation, Land Use, and Property Rights: Empirical Evidence from Darien, Panama. Land Economics, 2001, 77, 187.	0.9	146
5	Income growth and climate change effects on global nutrition security to mid-century. Nature Sustainability, 2018, 1, 773-781.	23.7	108
6	Increases in extreme heat stress in domesticated livestock species during the twenty-first century. Global Change Biology, 2021, 27, 5762-5772.	9.5	65
7	Deforestation and land use change: sparse data environments. Agricultural Economics (United Kingdom), 2014, 45, 3-20.	3.9	183
8	Simulating a relative environmental effect of glyphosate-resistant soybeans. Ecological Economics, 2003, 45, 189-202.	5.7	56
9	Introduction to the special issue on spatial analysis for agricultural economists. Agricultural Economics (United Kingdom), 2002, 27, 197-200.	3.9	47
10	Simulating cultivar variations in potato yields for contrasting environments. Agricultural Systems, 2016, 145, 51-63.	6.1	38
11	The Costs of Indonesian Sugar Policy: A Policy Analysis Matrix Approach. American Journal of Agricultural Economics, 1991, 73, 703-712.	4.3	36
12	A global dataset for the projected impacts of climate change on four major crops. Scientific Data, 2022, 9, 58.	5.3	36
13	Herbicides, glyphosate resistance and acute mammalian toxicity: simulating an environmental effect of glyphosate-resistant weeds in the USA. Pest Management Science, 2008, 64, 470-478.	3.4	31
14	Land Use and Road Improvements: A Spatial Perspective. International Regional Science Review, 2004, 27, 297-325.	2.1	30
15	Modeling climate change and agriculture: an introduction to the special issue. Agricultural Economics (United Kingdom), 2014, 45, 1-2.	3.9	29
16	Nutritional Sustainability: Aligning Priorities in Nutrition and Public Health with Agricultural Production. Advances in Nutrition, 2017, 8, 780-788.	6.4	27
17	Land Use Change with Spatially Explicit Data: A Dynamic Approach. Environmental and Resource Economics, 2009, 43, 209-229.	3.2	25
18	Green Gold or Green Wash: Environmental Consequences of Biofuels in the Developing World*. Applied Economic Perspectives and Policy, 2008, 30, 517-529.	1.0	19

#	ARTICLE	IF	CITATIONS
19	Investigating the predictive capabilities of discrete choice models in the presence of spatial effects. <i>Papers in Regional Science</i> , 2009, 88, 367-389.	1.9	17
20	Modeling impacts of faster productivity growth to inform the CGIAR initiative on Crops to End Hunger. <i>PLoS ONE</i> , 2021, 16, e0249994.	2.5	17
21	Modelling Deforestation and Land Use Change: Sparse Data Environments. <i>Journal of Agricultural Economics</i> , 2007, 58, 502-516.	3.5	15
22	Untangling the Environmentalist's Paradox: Better Data, Better Accounting, and Better Technology Will Help. <i>BioScience</i> , 2011, 61, 9-10.	4.9	15
23	Political feasibility of structural adjustment in africa: an application of SAM mixed multipliers. <i>World Development</i> , 1997, 25, 2105-2114.	4.9	11
24	US Food Security and Climate Change: Agricultural Futures. <i>Economics</i> , 2013, 7, .	0.6	10
25	Sugar in the Philippines. <i>Food Policy</i> , 1988, 13, 283-292.	6.0	6
26	Pharaoh's Dream Revisited: An Integrated US Midwest Field Research Network for Climate Adaptation. <i>BioScience</i> , 2016, 66, 80-85.	4.9	5
27	Agricultural Policy Reform in Eastern Europe: Discussion. <i>American Journal of Agricultural Economics</i> , 1993, 75, 857-859.	4.3	4
28	Traits and Techniques of GMOs. , 2001, , 7-13.		4
29	The Perfect Storm. <i>Significance</i> , 2010, 7, 13-16.	0.4	4
30	Labor intensity, employment growth and technical change. <i>Journal of Development Economics</i> , 1986, 24, 111-117.	4.5	3
31	GMO Adoption and Nonmarket Effects. , 2001, , 59-79.		3
32	Vaclav Smil:Harvesting the Biosphere: What We Have Taken from Nature. <i>Population and Development Review</i> , 2013, 39, 539-541.	2.1	3
33	The Domestic and Regional Regulatory Environment. , 2001, , 97-116.		3
34	Rent seeking in North-South agricultural trade. <i>European Review of Agricultural Economics</i> , 1989, 16, 53-64.	3.1	2
35	The Economics of Technology Adoption. , 2001, , 15-19.		2
36	Is there an alternative to famine relief?. <i>Food Policy</i> , 1991, 16, 235-244.	6.0	0