

# Carlo Giupponi

## List of Publications by Year in descending order

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Version: 2024-02-01

98  
papers

3,524  
citations

147566

31  
h-index

161609

54  
g-index

106  
all docs

106  
docs citations

106  
times ranked

4201  
citing authors

#	ARTICLE	IF	CITATIONS
1	Social-ecological system approaches for water resources management. <i>International Journal of Sustainable Development and World Ecology</i> , 2021, 28, 109-124.	3.2	29
2	Integration of earth observation and census data for mapping a multi-temporal flood vulnerability index: a case study on Northeast Italy. <i>Natural Hazards</i> , 2021, 106, 2163-2184.	1.6	9
3	Understanding the dissemination and adoption of innovations through social network analysis: geospatial solutions for disaster management in Nepal and Kenya. <i>Journal of Environmental Planning and Management</i> , 2020, 63, 818-841.	2.4	11
4	Moving beyond water centrality? Conceptualizing integrated water resources management for implementing sustainable development goals. <i>Sustainability Science</i> , 2020, 15, 671-681.	2.5	30
5	Sustainability of complex social-ecological systems: methods, tools, and approaches. <i>Regional Environmental Change</i> , 2020, 20, 1.	1.4	27
6	Who Is Connected with Whom? A Social Network Analysis of Institutional Interactions in the European CCA and DRR Landscape. <i>Sustainability</i> , 2020, 12, 1275.	1.6	6
7	Ten principles to integrate the water-energy-land nexus with climate services for co-producing local and regional integrated assessments. <i>Science of the Total Environment</i> , 2019, 693, 133662.	3.9	39
8	Using agent-based modelling to simulate social-ecological systems across scales. <i>Geoinformatica</i> , 2019, 23, 269-298.	2.0	46
9	Upscaling ecosystem service maps to administrative levels: beyond scale mismatches. <i>Science of the Total Environment</i> , 2019, 660, 1565-1575.	3.9	14
10	Combining LULC data and agricultural statistics for A better identification and mapping of High nature value farmland: A case study in the veneto Plain, Italy. <i>Land Use Policy</i> , 2019, 83, 488-504.	2.5	11
11	A Decision-Making Model for Critical Infrastructures in Conditions of Deep Uncertainty. <i>Computational Social Sciences</i> , 2019, , 139-161.	0.4	3
12	An online platform supporting the analysis of water adaptation measures in the Alps. <i>Journal of Environmental Planning and Management</i> , 2018, 61, 214-229.	2.4	12
13	Spatial Assessment of Water Use Efficiency (SDG Indicator 6.4.1) for Regional Policy Support. <i>Frontiers in Environmental Science</i> , 2018, 6, .	1.5	16
14	Flood depth estimation by means of high-resolution SAR images and lidar data. <i>Natural Hazards and Earth System Sciences</i> , 2018, 18, 3063-3084.	1.5	44
15	Conceptual advancement of socio-ecological modelling of ecosystem services for re-evaluating Brownfield land. <i>Ecosystem Services</i> , 2018, 33, 29-39.	2.3	23
16	Integrated spatial assessment of the water, energy and food dimensions of the Sustainable Development Goals. <i>Regional Environmental Change</i> , 2017, 17, 1881-1893.	1.4	98
17	Assessment of coastal risks to climate change related impacts at the regional scale: The case of the Mediterranean region. <i>International Journal of Disaster Risk Reduction</i> , 2017, 24, 284-296.	1.8	57
18	Integrated water resources management (IWRM) for climate change adaptation. <i>Regional Environmental Change</i> , 2017, 17, 1865-1867.	1.4	20

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19	Assessing the Impact of Urban Improvement on Housing Values: A Hedonic Pricing and Multi-Attribute Analysis Model for the Historic Centre of Venice. <i>Buildings</i> , 2017, 7, 112.	1.4	18
20	Conditions for the adoption of conservation agriculture in Central Morocco: an approach based on Bayesian network modelling. <i>Italian Journal of Agronomy</i> , 2016, 11, 24-34.	0.4	9
21	Methods and tools for developing virtual territories for scenario analysis of agroecosystems. <i>Italian Journal of Agronomy</i> , 2016, 11, .	0.4	1
22	A spatial Bayesian network model to assess the benefits of early warning for urban flood risk to people. <i>Natural Hazards and Earth System Sciences</i> , 2016, 16, 1323-1337.	1.5	27
23	Measuring global water security towards sustainable development goals. <i>Environmental Research Letters</i> , 2016, 11, 124015.	2.2	153
24	Sustainable tourism planning and climate change adaptation in the Alps: a case study of winter tourism in mountain communities in the Dolomites. <i>Journal of Sustainable Tourism</i> , 2016, 24, 637-652.	5.7	64
25	Best practices for conceptual modelling in environmental planning and management. <i>Environmental Modelling and Software</i> , 2016, 80, 113-121.	1.9	51
26	Assessing agricultural systems vulnerability to climate change to inform adaptation planning: an application in Khorezm, Uzbekistan. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2016, 21, 1263-1287.	1.0	32
27	Agricultural policy informed by farmers' adaptation experience to climate change in Veneto, Italy. <i>Regional Environmental Change</i> , 2016, 16, 245-258.	1.4	24
28	SWAT meta-modeling as support of the management scenario analysis in large watersheds. <i>Water Science and Technology</i> , 2015, 72, 2103-2111.	1.2	7
29	Vulnerabilities' bibliometric analysis and literature review of evolving concepts. <i>Environmental Research Letters</i> , 2015, 10, 123002.	2.2	32
30	Welfare Effects of Water Variability in Agriculture. Insights from a Multimarket Model. <i>Water (Switzerland)</i> , 2015, 7, 2908-2923.	1.2	6
31	Critical Data Source; Tool or Even Infrastructure? Challenges of Geographic Information Systems and Remote Sensing for Disaster Risk Governance. <i>ISPRS International Journal of Geo-Information</i> , 2015, 4, 1848-1869.	1.4	35
32	An integrated approach of flood risk assessment in the eastern part of Dhaka City. <i>Natural Hazards</i> , 2015, 79, 1499-1530.	1.6	101
33	Online participation in climate change adaptation: A case study of agricultural adaptation measures in Northern Italy. <i>Journal of Environmental Management</i> , 2015, 157, 8-19.	3.8	32
34	The water-energy-food (WEF) security nexus: the policy perspective of Bangladesh. <i>Water International</i> , 2015, 40, 895-910.	0.4	63
35	Integrated Risk Assessment of Water-Related Disasters. , 2015, , 163-200.		21
36	A dynamic assessment of water scarcity risk in the Lower Brahmaputra River Basin: An integrated approach. <i>Ecological Indicators</i> , 2015, 48, 120-131.	2.6	84

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37	Adaptive IWRM Responses to Cope with "What-If" Scenarios. , 2015, , 61-66.		0
38	Co-Authorship and Bibliographic Coupling Network Effects on Citations. PLoS ONE, 2014, 9, e99502.	1.1	89
39	Impact of the Farakka Dam on Thresholds of the Hydrologic Flow Regime in the Lower Ganges River Basin (Bangladesh). Water (Switzerland), 2014, 6, 2501-2518.	1.2	83
40	Decision Support for Mainstreaming Climate Change Adaptation in Water Resources Management. Water Resources Management, 2014, 28, 4795-4808.	1.9	22
41	The economic impacts of climate change on the Chilean agricultural sector. A non-linear agricultural supply model. Chilean Journal of Agricultural Research, 2014, 74, 404-412.	0.4	18
42	A spatial agent-based model for assessing strategies of adaptation to climate and tourism demand changes in an alpine tourism destination. Environmental Modelling and Software, 2013, 45, 29-51.	1.9	60
43	Innovative approaches to integrated global change modelling. Environmental Modelling and Software, 2013, 44, 1-9.	1.9	22
44	Transition towards a new global change science: Requirements for methodologies, methods, data and knowledge. Environmental Science and Policy, 2013, 28, 36-47.	2.4	68
45	Integrated assessment of sea-level rise adaptation strategies using a Bayesian decision network approach. Environmental Modelling and Software, 2013, 44, 87-100.	1.9	44
46	A dynamic assessment tool for exploring and communicating vulnerability to floods and climate change. Environmental Modelling and Software, 2013, 44, 136-147.	1.9	36
47	Thresholds of hydrologic flow regime of a river and investigation of climate change impact—the case of the Lower Brahmaputra river Basin. Climatic Change, 2013, 120, 463-475.	1.7	52
48	Managing the nutrient loads of the Venice Lagoon Watershed: are the loads external to the watershed relevant under the WFD River Basin District framework?. Journal of Coastal Research, 2013, 65, 25-30.	0.1	6
49	Multi-agent agro-economic simulation of irrigation water demand with climate services for climate change adaptation. Italian Journal of Agronomy, 2013, 8, 23.	0.4	12
50	Integrated Assessment of Natural Hazards and Climate Change Adaptation: I - The KULTURisk Methodological Framework. SSRN Electronic Journal, 2013, , .	0.4	4
51	The Economics of Hydro-Meteorological Disasters: Approaching the Estimation of the Total Costs. SSRN Electronic Journal, 2013, , .	0.4	7
52	Decision Support Systems for Water Resources Management in Developing Countries: Learning from Experiences in Africa. Water (Switzerland), 2013, 5, 798-818.	1.2	52
53	Climate Change Adaptation and Vulnerability Assessment of Water Resources Systems in Developing Countries: A Generalized Framework and a Feasibility Study in Bangladesh. Water (Switzerland), 2012, 4, 345-366.	1.2	92
54	A Conceptual Framework for Comprehensive Assessment of Risk Prevention Measures: The Kulturisk Framework (KR-FWK). SSRN Electronic Journal, 2012, , .	0.4	8

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55	Participatory assessment of adaptation strategies to flood risk in the Upper Brahmaputra and Danube river basins. <i>Environmental Science and Policy</i> , 2011, 14, 1163-1174.	2.4	40
56	Construction of a Bayesian Network for the Assessment of Agri-Environmental Measures – The Case Study of the Venice Lagoon Watershed. <i>Italian Journal of Agronomy</i> , 2010, 5, 265.	0.4	6
57	Agent-Based Modelling of Socio-Ecosystems. <i>International Journal of Agent Technologies and Systems</i> , 2010, 2, 17-38.	0.1	28
58	The Integrated Assessment of Land Degradation. <i>Italian Journal of Agronomy</i> , 2009, 4, 77.	0.4	17
59	Modelling the point and non-point nitrogen loads to the Venice Lagoon (Italy): the application of water quality models to the Dese-Zero basin. <i>Desalination</i> , 2008, 226, 81-88.	4.0	26
60	Chapter Three Bridging the Gaps Between Design and Use: Developing Tools to Support Environmental Management and Policy. <i>Developments in Integrated Environmental Assessment</i> , 2008, , 33-48.	0.0	16
61	Evaluation of Agri-Environmental Measures in the Venice Lagoon Watershed. Expert Knowledge Elicitation and Multi-Criteria Analysis. <i>Italian Journal of Agronomy</i> , 2008, 3, 147.	0.4	8
62	Evaluation of Agri-Environmental Measures in the Venice Lagoon Watershed. Nitrogen Budgets and Surplus Indicators. <i>Italian Journal of Agronomy</i> , 2008, 3, 167.	0.4	5
63	NetSyMoD - An Integrated Approach for Water Resources Management. <i>NATO Science Series Series IV, Earth and Environmental Sciences</i> , 2008, , 69-93.	0.3	16
64	Models and Decisions Support Systems for Participatory Decision Making in Integrated Water Resource Management. <i>Environment &amp; Policy</i> , 2008, , 165-186.	0.4	6
65	Decision Support for Strategic Water Management: Mdss in the Large Dam Context. <i>Water International</i> , 2007, 32, 265-279.	0.4	9
66	Cost-effectiveness of greenhouse gases mitigation measures in the European agro-forestry sector: a literature survey. <i>Environmental Science and Policy</i> , 2007, 10, 474-490.	2.4	30
67	Decision Support Systems for implementing the European Water Framework Directive: The MULINO approach. <i>Environmental Modelling and Software</i> , 2007, 22, 248-258.	1.9	157
68	Recent Developments in Indicators and Models for Agri-environmental Assessment. <i>Italian Journal of Agronomy</i> , 2006, 1, 647.	0.4	9
69	Socio-economic scenario development for the assessment of climate change impacts on agricultural land use: a pairwise comparison approach. <i>Environmental Science and Policy</i> , 2006, 9, 101-115.	2.4	103
70	Climate and land use changes, biodiversity and agri-environmental measures in the Belluno province, Italy. <i>Environmental Science and Policy</i> , 2006, 9, 163-173.	2.4	84
71	Ag-PIE: A GIS-based screening model for assessing agricultural pressures and impacts on water quality on a European scale. <i>Science of the Total Environment</i> , 2006, 359, 57-75.	3.9	51
72	Integrated Management of Water Resources: Concepts, Approaches and Challenges. , 2006, , .		5

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73	Water Policies and the Integrated Management of Surface Waters: An Ecological Approach. , 2006, , .		0
74	Sustainable Water Management and Decision Making. , 2006, , .		0
75	Towards the development of a decision support system for water resource management. Environmental Modelling and Software, 2005, 20, 203-214.	1.9	248
76	Policies and tools for sustainable water management in the European Union. Environmental Modelling and Software, 2005, 20, 93-98.	1.9	41
77	A decision support tool for simulating the effects of alternative policies affecting water resources: an application at the European scale. Journal of Hydrology, 2005, 304, 462-476.	2.3	86
78	Evaluation of Urban Improvement on the Islands of the Venice Lagoon: A Spatially-Distributed Hedonic-Hierarchical Approach. SSRN Electronic Journal, 2004, , .	0.4	0
79	MULINO-DSS: a computer tool for sustainable use of water resources at the catchment scale. Mathematics and Computers in Simulation, 2004, 64, 13-24.	2.4	96
80	Agricultural Impacts on Groundwater: Processes, Modelling and Decision Support. , 2001, , 35-75.		1
81	Agricultural land use changes and water quality: a case study in the watershed of the Lagoon of Venice. Water Science and Technology, 1999, 39, 135.	1.2	10
82	A multicriteria approach for mapping risks of agricultural pollution for water resources: The Venice Lagoon watershed case study. Journal of Environmental Management, 1999, 56, 259-269.	3.8	52
83	Environmental evaluation of alternative cropping systems with impact indices of pollution. European Journal of Agronomy, 1998, 8, 71-82.	1.9	11
84	A farm multicriteria analysis model for the economic and environmental evaluation of agricultural land use. Environment & Management, 1998, , 115-136.	0.2	6
85	Effects of four cultivation systems for maize on nitrogen leaching 1. Field experiment. European Journal of Agronomy, 1997, 6, 101-112.	1.9	14
86	Effects of four cultivation systems for maize on nitrogen leaching 2. Model simulation. European Journal of Agronomy, 1997, 6, 113-123.	1.9	7
87	Modelling agriculture and the environment: crop production and diffuse pollution. European Journal of Agronomy, 1995, 4, 403-412.	1.9	8
88	Simulating impacts of agricultural policy on nitrogen losses from a watershed in Northern Italy. Environment International, 1995, 21, 577-582.	4.8	6
89	Integrated Assessment of Natural Hazards and Climate Change Adaptation: II - The Serra Methodology. SSRN Electronic Journal, 0, , .	0.4	5
90	Participatory Modelling and Decision Support for Natural Resources Management in Climate Change Research. SSRN Electronic Journal, 0, , .	0.4	9

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91	A Spatial Agent-Based Model to Explore Scenarios of Adaptation to Climate Change in an Alpine Tourism Destination. SSRN Electronic Journal, 0, , .	0.4	5
92	A Participatory Approach to Assess the Effectiveness of Responses to Cope with Flood Risk. SSRN Electronic Journal, 0, , .	0.4	1
93	Climate Change and Its Impacts on Tourism in the Alps - The Pilot Area of Auronzo Di Cadore (Belluno). SSRN Electronic Journal, 0, , .	0.4	3
94	Network Analysis, Creative System Modelling and Decision Support: The NetSyMoD Approach. SSRN Electronic Journal, 0, , .	0.4	109
95	Participatory Approach in Decision Making Processes for Water Resources Management in the Mediterranean Basin. SSRN Electronic Journal, 0, , .	0.4	1
96	A Participatory Approach for Assessing Alternative Climate Change Adaptation Responses to Cope with Flooding Risk in the Upper Brahmaputra and Danube River Basins. SSRN Electronic Journal, 0, , .	0.4	2
97	Cost-Effectiveness Analysis for a Heavily Modified Water Body (HMWB): The Lambro-Seveso-Olona System Case Study. SSRN Electronic Journal, 0, , .	0.4	0
98	Integrated modelling of social-ecological systems for climate change adaptation. Socio-Environmental Systems Modeling, 0, 3, 18161.	0.0	2