Art Dewulf

List of Publications by Year
in descending order

102 papers	6,262 citations	81900 39 h-index	74163 75 g-index
109 all docs	109 docs citations	109 times ranked	6240 citing authors

#	Article	IF	Citations
1	Social Learning and Water Resources Management. Ecology and Society, 2007, 12, .	2.3	755
2	Disentangling approaches to framing in conflict and negotiation research: A meta-paradigmatic perspective. Human Relations, 2009, 62, 155-193.	5.4	340
3	Citizen science in hydrology and water resources: opportunities for knowledge generation, ecosystem service management, and sustainable development. Frontiers in Earth Science, 2014, 2, .	1.8	329
4	The importance of social learning and culture for sustainable water management. Ecological Economics, 2008, 64, 484-495.	5.7	246
5	To co-produce or not to co-produce. Nature Sustainability, 2018, 1, 722-724.	23.7	236
6	Toward a Relational Concept of Uncertainty: about Knowing Too Little, Knowing Too Differently, and Accepting Not to Know. Ecology and Society, 2008, 13, .	2.3	235
7	Disentangling Scale Approaches in Governance Research: Comparing Monocentric, Multilevel, and Adaptive Governance. Ecology and Society, 2010, 15, .	2.3	213
8	Transformational change: governance interventions for climate change adaptation from a continuous change perspective. Journal of Environmental Planning and Management, 2017, 60, 558-576.	4.5	190
9	Governance Capabilities for Dealing Wisely With Wicked Problems. Administration and Society, 2015, 47, 680-710.	2.1	185
10	Integrated management of natural resources: dealing with ambiguous issues, multiple actors and diverging frames. Water Science and Technology, 2005, 52, 115-124.	2.5	184
11	Uncertainties in climate change projections and regional downscaling in the tropical Andes: implications for water resources management. Hydrology and Earth System Sciences, 2010, 14, 1247-1258.	4.9	176
12	Advancing adaptive governance of social-ecological systems through theoretical multiplicity. Environmental Science and Policy, 2016, 57, 1-9.	4.9	145
13	The regional governance of climate adaptation: A framework for developing legitimate, effective, and resilient governance arrangements. Climate Law, 2011, 2, 159-179.	0.6	123
14	Issue Framing in Conversations for Change. Journal of Applied Behavioral Science, The, 2012, 48, 168-193.	3.3	115
15	What does policy-relevant global environmental knowledge do? The cases of climate and biodiversity. Current Opinion in Environmental Sustainability, 2016, 18, 65-72.	6.3	111
16	A small wins framework to overcome the evaluation paradox of governing wicked problems. Policy and Society, 2019, 38, 298-314.	5.6	110
17	Citizen science for hydrological risk reduction and resilience building. Wiley Interdisciplinary Reviews: Water, 2018, 5, e1262.	6.5	104
18	Including indigenous peoples in climate change mitigation: addressing issues of scale, knowledge and power. Climatic Change, 2017, 140, 19-32.	3.6	98

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19	More is not always better: Coping with ambiguity in natural resources management. Journal of Environmental Management, 2011, 92, 78-84.	7.8	97
20	Contrasting frames in policy debates on climate change adaptation. Wiley Interdisciplinary Reviews: Climate Change, 2013, 4, 321-330.	8.1	97
21	A critical assessment of the wicked problem concept: relevance and usefulness for policy science and practice. Policy and Society, 2019, 38, 167-179.	5.6	95
22	A Framing Approach to Cross-disciplinary Research Collaboration: Experiences from a Large-scale Research Project on Adaptive Water Management. Ecology and Society, 2007, 12, .	2.3	91
23	How issues get framed and reframed when different communities meet: a multi-level analysis of a collaborative soil conservation initiative in the Ecuadorian Andes. Journal of Community and Applied Social Psychology, 2004, 14, 177-192.	2.4	85
24	The role of knowledge and power in climate change adaptation governance: a systematic literature review. Ecology and Society, 2013, 18, .	2.3	85
25	Citizen Science for Water Resources Management: Toward Polycentric Monitoring and Governance?. Journal of Water Resources Planning and Management - ASCE, 2016, 142, .	2.6	72
26	Changing climate, changing frames. Environmental Science and Policy, 2013, 30, 90-101.	4.9	67
27	User-driven design of decision support systems for polycentric environmental resources management. Environmental Modelling and Software, 2017, 88, 58-73.	4.5	65
28	Governance of Wicked Climate Adaptation Problems. Climate Change Management, 2013, , 27-39.	0.8	63
29	Coping with the wicked problem of climate adaptation across scales: The Five R Governance Capabilities. Landscape and Urban Planning, 2016, 154, 11-19.	7.5	60
30	Environmental Virtual Observatories (EVOs): prospects for knowledge co-creation and resilience in the Information Age. Current Opinion in Environmental Sustainability, 2016, 18, 40-48.	6.3	60
31	Identification of Major Sources of Uncertainty in Current IWRM Practice. Illustrated for the Rhine Basin. Water Resources Management, 2008, 22, 1677-1708.	3.9	58
32	Framing ecosystem services: Affecting behaviour of actors in collaborative landscape planning?. Land Use Policy, 2015, 46, 223-231.	5.6	55
33	An Analytical Framework of Social Learning Facilitated by Participatory Methods. Systemic Practice and Action Research, 2014, 27, 575-591.	1.7	54
34	Do Scale Frames Matter? Scale Frame Mismatches in the Decision Making Process of a "Mega Farm" in a Small Dutch Village. Ecology and Society, 2011, 16, .	2.3	50
35	Social media as a new playing field for the governance of agro-food sustainability. Current Opinion in Environmental Sustainability, 2016, 18, 99-106.	6.3	47
36	HESS Opinions: A conceptual framework for assessing socio-hydrological resilience under change. Hydrology and Earth System Sciences, 2017, 21, 3655-3670.	4.9	46

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37	Usable environmental knowledge from the perspective of decision-making: the logics of consequentiality, appropriateness, and meaningfulness. Current Opinion in Environmental Sustainability, 2020, 42, 1-6.	6.3	46
38	Editorial: The governance of adaptation to climate change as a multi-level, multi-sector and multi-actor challenge: a European comparative perspective. Journal of Water and Climate Change, 2015, 6, 1-8.	2.9	42
39	Web-Based Environmental Simulation: Bridging the Gap between Scientific Modeling and Decision-Making. Environmental Science & Technology, 2012, 46, 1971-1976.	10.0	38
40	Assessing Framing of Uncertainties in Water Management Practice. Water Resources Management, 2009, 23, 3191-3205.	3.9	37
41	Diagnosing the potential of hydro-climatic information services to support rice farming in northern Ghana. Njas - Wageningen Journal of Life Sciences, 2018, 86-87, 51-63.	7.7	37
42	How indigenous farmers and university engineers create actionable knowledge for sustainable irrigation. Action Research, 2005, 3, 175-192.	1.2	36
43	Nine lives of uncertainty in decision-making: strategies for dealing with uncertainty in environmental governance. Policy and Society, 2018, 37, 441-458.	5.6	35
44	Social media hypes about agro-food issues: Activism, scandals and conflicts. Food Policy, 2018, 79, 23-34.	6.0	34
45	The power to define resilience in socialâ€“hydrological systems: Toward a powerâ€sensitive resilience framework. Wiley Interdisciplinary Reviews: Water, 2019, 6, e1377.	6.5	34
46	Governing the future? The potential of adaptive delta management to contribute to governance capabilities for dealing with the wicked problem of climate change adaptation. Journal of Water and Climate Change, 2015, 6, 759-771.	2.9	30
47	Do state traditions matter? Comparing deliberative governance initiatives for climate change adaptation in Dutch corporatism and British pluralism. Journal of Water and Climate Change, 2015, 6, 71-88.	2.9	30
48	Constructing common ground and re-creating differences between professional and indigenous communities in the Andes. Journal of Community and Applied Social Psychology, 2004, 14, 378-393.	2.4	29
49	Does information on landscape benefits influence collective action in landscape governance?. Current Opinion in Environmental Sustainability, 2016, 18, 107-114.	6.3	29
50	Interdisciplinary knowledge integration through group model building: recognizing dualities and triadizing the conversation. Environmental Science and Policy, 2010, 13, 582-591.	4.9	27
51	Addressing socio-ecological development challenges in the digital age: Exploring the potential of Environmental Virtual Observatories for Connective Action (EVOCA). Njas - Wageningen Journal of Life Sciences, 2018, 86-87, 2-11.	7.7	27
52	Power in and over Cross-Sector Partnerships: Actor Strategies for Shaping Collective Decisions. Administrative Sciences, 2018, 8, 43.	2.9	25
53	Reflections on the potential of virtual citizen science platforms to address collective action challenges: Lessons and implications for future research. Njas - Wageningen Journal of Life Sciences, 2018, 86-87, 146-157.	7.7	25
54	Doing scalar politics: interactive scale framing for managing accountability in complex policy processes. Critical Policy Studies, 2012, 6, 163-181.	2.0	22

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55	Five scale challenges in Ecuadorian forest and landscape restoration governance. Land Use Policy, 2020, 96, 104686.	5.6	22
56	The Power to Frame the Scale? Analysing Scalar Politics over, in and of a Deliberative Governance Process. Journal of Environmental Policy and Planning, 2017, 19, 550-573.	2.8	21
57	Building Resilience to Chronic Landslide Hazard Through Citizen Science. Frontiers in Earth Science, 2019, 7, .	1.8	20
58	Making framing of uncertainty in water management practice explicit by using a participant-structured approach. Journal of Environmental Management, 2010, 91, 844-851.	7.8	19
59	Online Climate Change Polarization: Interactional Framing Analysis of Climate Change Blog Comments. Science Communication, 2020, 42, 454-480.	3.3	19
60	Industrial symbiosis as sustainable development strategy: adding a change perspective. International Journal of Sustainable Development, 2016, 19, 15.	0.2	18
61	Identifying Uncertainty Guidelines for Supporting Policy Making in Water Management Illustrated for Upper Guadiana and Rhine Basins. Water Resources Management, 2010, 24, 3901-3938.	3.9	17
62	Political agenda-setting for strategic delta planning in the Mekong Delta: converging or diverging agendas of policy actors and the Mekong Delta Plan?. Journal of Environmental Planning and Management, 2019, 62, 1454-1474.	4.5	17
63	What makes long-term investment decisions forward looking: A framework applied to the case of Amsterdam's new sea lock. Technological Forecasting and Social Change, 2018, 132, 174-190.	11.6	16
64	Learning in multi-level governance of adaptation to climate change â€“ a literature review. Journal of Environmental Planning and Management, 2020, 63, 779-797.	4.5	16
65	Adaptive decision-making under conditions of uncertainty: the case of farming in the Volta delta, Ghana. Journal of Integrative Environmental Sciences, 2020, 17, 1-33.	2.5	16
66	Towards theoretical multiplicity for the governance of transitions: the energy-producing greenhouse case. International Journal of Sustainable Development, 2012, 15, 37.	0.2	14
67	Water as â€œTime-Substanceâ€: The Hydrosocialities of Climate Change in Nepal. Annals of the American Association of Geographers, 2017, 107, 1351-1369.	2.2	14
68	Governance arrangements and adaptive decision-making in rice farming systems in Northern Ghana. Njas - Wageningen Journal of Life Sciences, 2018, 86-87, 39-50.	7.7	14
69	Evolving disaster governance paradigms in Nepal. International Journal of Disaster Risk Reduction, 2020, 50, 101911.	3.9	14
70	Unearthing the ripple effects of power and resilience in large river deltas. Environmental Science and Policy, 2019, 98, 1-10.	4.9	13
71	Forecast probability, lead time and farmer decision-making in rice farming systems in Northern Ghana. Climate Risk Management, 2021, 31, 100258.	3.2	13
72	What makes decisions about urban water infrastructure forward looking? A fuzzy-set qualitative comparative analysis of investment decisions in 40 Dutch municipalities. Land Use Policy, 2019, 82, 781-795.	5.6	12

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73	Using framing parameters to improve handling of uncertainties in water management practice. Environmental Policy and Governance, 2010, 20, 107-122.	3.7	11
74	â€œThe truth is not in the middleâ€: Journalistic norms of climate change bloggers. Global Environmental Change, 2019, 59, 101989.	7.8	10
75	A Relational Approach to Leadership for Multi-Actor Governance. Administrative Sciences, 2019, 9, 12.	2.9	10
76	Tailoring Infographics on Water Resources Through Iterative, Userâ€Centered Design: A Case Study in the Peruvian Andes. Water Resources Research, 2020, 56, e2019WR026694.	4.2	9
77	Drought Diagnosis: What the Medical Sciences Can Teach Us. Earth's Future, 2022, 10, .	6.3	9
78	Scale-sensitive governance in forest and landscape restoration: a systematic review. Regional Environmental Change, 2022, 22, 1.	2.9	9
79	Disentangling Approaches to Framing: Mapping the Terrain. SSRN Electronic Journal, 2005, , .	0.4	8
80	Information systems and actionable knowledge creation in rice-farming systems in Northern Ghana. African Geographical Review, 2020, 39, 144-161.	1.0	8
81	From present to future development pathways in fragile mountain landscapes. Environmental Science and Policy, 2020, 114, 606-613.	4.9	8
82	Applying Citizen Science for Sustainable Development: Rainfall Monitoring in Western Nepal. Frontiers in Water, 2020, 2, .	2.3	8
83	The development and intersection of highland-coastal scale frames: a case study of water governance in central Peru. Journal of Environmental Policy and Planning, 2019, 21, 373-390.	2.8	7
84	Does information on the interdependence of climate adaptation measures stimulate collaboration? A case study analysis. Regional Environmental Change, 2018, 18, 2033-2045.	2.9	6
85	Framing scale increase in Dutch agricultural policy 1950â€“2012. Njas - Wageningen Journal of Life Sciences, 2013, 64-65, 35-46.	7.7	5
86	Designing fit-for-context climate change adaptation tracking: Towards a framework for analyzing the institutional structures of knowledge production and use. Climate Risk Management, 2022, 35, 100401.	3.2	5
87	Usability of weather information services for decision-making in farming: Evidence from the Ada East District, Ghana. Climate Services, 2022, 25, 100275.	2.5	5
88	Governing long-term policy problems: Dilemmas and strategies at a Dutch water authority. Public Management Review, 2022, 24, 255-278.	4.9	4
89	The social learning potential of participatory water valuation workshops: A case study in Tasmania, Australia. Environmental Policy and Governance, 2021, 31, 474-491.	3.7	4
90	The riot, the people and the neighbourhood: narrative framing of social disorder in four cases. Media, Culture and Society, 2014, 36, 456-472.	3.1	3

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91	The emergence and evolution of master terms in the public debate about livestock farming: Semantic fields, communication strategies and policy practices. Discourse, Context and Media, 2019, 31, 100317.	1.9	3
92	Ecuadorian water fundsâ€™ use of scale-sensitive strategies to stay on course in forest and landscape restoration governance. Journal of Environmental Management, 2022, 311, 114850.	7.8	3
93	Project Narratives: Investigating Participatory Conservation in the Peruvian Andes. Development and Change, 2020, 51, 1067-1097.	3.3	2
94	Tracing Hybridity in the Provision of ICT-Enabled Agricultural Weather Information Services in Ghana. Journal of Agricultural and Food Information, 0, , 1-31.	1.1	2
95	The Multi-Actor Simulation 'Podocarpus National Park' as a Tool for Teaching and Researching Issue Framing. SSRN Electronic Journal, 0, , .	0.4	2
96	Using Emotions to Frame Issues and Identities in Conflict: Farmer Movements on Social Media. Negotiation and Conflict Management Research, 0, , .	1.0	2
97	Multi-level learning in the governance of adaptation to climate change: the case of Boliviaâ€™s water sector. Climate and Development, 2021, 13, 399-413.	3.9	1
98	'Doing Differences': The Emergence of Differences in Issue Framing in Multi-Actor Conversations. SSRN Electronic Journal, 0, , .	0.4	1
99	Beyond â€œExpert Knowledgeâ€ Locals and Experts in a Joint Production of Weather App and Weather Information for Farming in the Volta Delta, Ghana. , 2020, , 1-38.		1
100	Investigating project sustainability. Technology as a development object in a community-based project in Naryn, Kyrgyzstan. Oxford Development Studies, 0, , 1-18.	1.9	1
101	Bridging Knowledge Frames and Networks in Climate and Water Governance. , 2016, , 229-247.		0
102	Beyond â€œExpert Knowledgeâ€ Locals and Experts in a Joint Production of Weather App and Weather Information for Farming in the Volta Delta, Ghana. , 2021, , 3655-3690.		0