

Henning Bjornlund

List of Publications by Year in descending order

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Version: 2024-02-01

139
papers

2,488
citations

159585

30
h-index

243625

44
g-index

144
all docs

144
docs citations

144
times ranked

1519
citing authors

#	ARTICLE	IF	CITATIONS
1	Farmers' climate change beliefs and adaptation strategies for a water scarce future in Australia. <i>Global Environmental Change</i> , 2013, 23, 537-547.	7.8	193
2	Reviewing the adoption and impact of water markets in the Murray-Darling Basin, Australia. <i>Journal of Hydrology</i> , 2014, 518, 28-41.	5.4	127
3	Why agricultural production in sub-Saharan Africa remains low compared to the rest of the world – a historical perspective. <i>International Journal of Water Resources Development</i> , 2020, 36, S20-S53.	2.0	108
4	Efficient water market mechanisms to cope with water scarcity. <i>International Journal of Water Resources Development</i> , 2003, 19, 553-567.	2.0	92
5	Aspects of water markets for developing countries: experiences from Australia, Chile, and the US. <i>Environment and Development Economics</i> , 2002, 7, .	1.5	73
6	Handing down the farm? The increasing uncertainty of irrigated farm succession in Australia. <i>Journal of Rural Studies</i> , 2012, 28, 266-275.	4.7	70
7	Evaluating water market products to acquire water for the environment in Australia. <i>Land Use Policy</i> , 2013, 30, 427-436.	5.6	66
8	The adoption of improved irrigation technology and management practices – A study of two irrigation districts in Alberta, Canada. <i>Agricultural Water Management</i> , 2009, 96, 121-131.	5.6	65
9	Price elasticity of water allocations demand in the Goulburn-Murray Irrigation District*. <i>Australian Journal of Agricultural and Resource Economics</i> , 2008, 52, 37-55.	2.6	64
10	Farmer participation in markets for temporary and permanent water in southeastern Australia. <i>Agricultural Water Management</i> , 2003, 63, 57-76.	5.6	62
11	Formal and informal water markets: Drivers of sustainable rural communities?. <i>Water Resources Research</i> , 2004, 40, .	4.2	52
12	Profitability and productivity barriers and opportunities in small-scale irrigation schemes. <i>International Journal of Water Resources Development</i> , 2017, 33, 690-704.	2.0	52
13	Theory and application of Agricultural Innovation Platforms for improved irrigation scheme management in Southern Africa. <i>International Journal of Water Resources Development</i> , 2017, 33, 804-823.	2.0	50
14	Barriers to and opportunities for improving productivity and profitability of the Kiwera and Magozi irrigation schemes in Tanzania. <i>International Journal of Water Resources Development</i> , 2017, 33, 725-739.	2.0	49
15	Allocation trade in Australia: a qualitative understanding of irrigator motives and behaviour*. <i>Australian Journal of Agricultural and Resource Economics</i> , 2012, 56, 42-60.	2.6	48
16	Selling the Farm Silver? Understanding Water Sales to the Australian Government. <i>Environmental and Resource Economics</i> , 2012, 52, 133-154.	3.2	47
17	Irrigation development in Zimbabwe: understanding productivity barriers and opportunities at Mkoba and Silalatshani irrigation schemes. <i>International Journal of Water Resources Development</i> , 2017, 33, 740-754.	2.0	44
18	Fundamentals Determining Prices and Activities in the Market for Water Allocations. <i>International Journal of Water Resources Development</i> , 2005, 21, 355-369.	2.0	42

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19	Why food insecurity persists in sub-Saharan Africa: A review of existing evidence. <i>Food Security</i> , 2022, 14, 845-864.	5.3	42
20	Can water markets assist irrigators Managing Increased Supply Risk?<i>Some Australian experiences</i>. <i>Water International</i> , 2006, 31, 221-232.	1.0	41
21	The changing profile of water traders in the Goulburn-Murray Irrigation District, Australia. <i>Agricultural Water Management</i> , 2010, 97, 1333-1343.	5.6	41
22	An overview of extension use in irrigated agriculture and case studies in south-eastern Africa. <i>International Journal of Water Resources Development</i> , 2017, 33, 755-769.	2.0	40
23	Who trades water allocations? Evidence of the characteristics of early adopters in the Goulburn-Murray Irrigation District, Australia 1998-1999**. <i>Agricultural Economics (United Kingdom)</i> 1 0.784314 rgBT#0verlo	1.0	40
24	Challenges in implementing economic instruments to manage irrigation water on farms in southern Alberta. <i>Agricultural Water Management</i> , 2007, 92, 131-141.	5.6	37
25	The dynamics of the relationship between household decision-making and farm household income in small-scale irrigation schemes in southern Africa. <i>Agricultural Water Management</i> , 2019, 213, 135-145.	5.6	37
26	The Socio-economic structure of Irrigation Communities - water markets and the structural adjustment process. <i>Rural Society</i> , 2002, 12, 123-147.	1.3	36
27	Investigating the delayed on-farm consequences of selling water entitlements in the Murray-Darling Basin. <i>Agricultural Water Management</i> , 2014, 145, 72-82.	5.6	36
28	Adoption of improved irrigation scheduling methods in Alberta: An empirical analysis. <i>Canadian Water Resources Journal</i> , 2015, 40, 47-61.	1.2	35
29	Factors affecting water prices in a rural water market: A South Australian experience. <i>Water Resources Research</i> , 1998, 34, 1563-1570.	4.2	34
30	Irrigator preferences for water recovery budget expenditure in the Murray-Darling Basin, Australia. <i>Land Use Policy</i> , 2014, 36, 396-404.	5.6	30
31	Extending stakeholder theory to promote resource management initiatives to key stakeholders: A case study of water transfers in Alberta, Canada. <i>Journal of Environmental Management</i> , 2013, 129, 81-91.	7.8	29
32	Exploring the factors causing the poor performance of most irrigation schemes in post-independence sub-Saharan Africa. <i>International Journal of Water Resources Development</i> , 2020, 36, S54-S101.	2.0	29
33	The importance of learning processes in transitioning small-scale irrigation schemes. <i>International Journal of Water Resources Development</i> , 2020, 36, S199-S223.	2.0	27
34	The role of soil water monitoring tools and agricultural innovation platforms in improving food security and income of farmers in smallholder irrigation schemes in Tanzania. <i>International Journal of Water Resources Development</i> , 2020, 36, S148-S170.	2.0	24
35	Acquiring Water for the Environment: Lessons from Natural Resources Management. <i>Journal of Environmental Policy and Planning</i> , 2013, 15, 513-532.	2.8	23
36	Irrigating Africa: policy barriers and opportunities for enhanced productivity of smallholder farmers. <i>International Journal of Water Resources Development</i> , 2017, 33, 824-838.	2.0	23

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37	Irrigation and crop diversification in the 25 de Setembro irrigation scheme, Mozambique. <i>International Journal of Water Resources Development</i> , 2017, 33, 705-724.	2.0	20
38	Fundamentals Determining Prices in the Market for Water Entitlements: An Australian Case Study. <i>International Journal of Water Resources Development</i> , 2007, 23, 537-553.	2.0	19
39	Understanding agricultural water management in a historical context using a socioeconomic and biophysical framework. <i>Agricultural Water Management</i> , 2019, 213, 454-467.	5.6	19
40	Identifying leverage points to transition dysfunctional irrigation schemes towards complex adaptive systems. <i>International Journal of Water Resources Development</i> , 2020, 36, S171-S198.	2.0	19
41	The dynamics between irrigation frequency and soil nutrient management: transitioning smallholder irrigation towards more profitable and sustainable systems in Zimbabwe. <i>International Journal of Water Resources Development</i> , 2020, 36, S102-S126.	2.0	19
42	Australian irrigators' recognition of the need for more environmental water flows and intentions to donate water allocations. <i>Journal of Environmental Planning and Management</i> , 2014, 57, 104-122.	4.5	17
43	Exploring the productivity and profitability of small-scale communal irrigation systems in Sub-Saharan Africa. <i>International Journal of Water Resources Development</i> , 2017, 33, 685-689.	2.0	17
44	Title is missing!. <i>Social Justice Research</i> , 2001, 14, 387-403.	1.1	16
45	Effects of "Grain for Green" reforestation program on rural sustainability in China: an AHP approach to peasant consensus of public land use policies. <i>Stochastic Environmental Research and Risk Assessment</i> , 2014, 28, 867-880.	4.0	16
46	Transforming failing smallholder irrigation schemes in Africa: a theory of change. <i>International Journal of Water Resources Development</i> , 2020, 36, S1-S19.	2.0	16
47	Do agricultural innovation platforms and soil moisture and nutrient monitoring tools improve the production and livelihood of smallholder irrigators in Mozambique?. <i>International Journal of Water Resources Development</i> , 2020, 36, S127-S147.	2.0	16
48	Communal irrigation systems in South-Eastern Africa: findings on productivity and profitability. <i>International Journal of Water Resources Development</i> , 2017, 33, 839-847.	2.0	15
49	Increased participation in Australian water markets. <i>WIT Transactions on Ecology and the Environment</i> , 2006, , .	0.0	15
50	Irrigators'™ willingness to pay for the adoption of soil moisture monitoring tools in South-Eastern Africa. <i>International Journal of Water Resources Development</i> , 2020, 36, S246-S267.	2.0	14
51	Identifying common traits among Australian irrigators using cluster analysis. <i>Water Science and Technology</i> , 2008, 58, 587-595.	2.5	12
52	Do Permanent Water Markets Facilitate Farm Adjustment and Structural Change Within Irrigation Communities?. <i>Rural Society</i> , 1999, 9, 555-572.	1.3	11
53	Segmenting the Urban and Rural Populations of Southern Alberta for Improved Understanding of Policy Preferences for Water Reallocation. <i>Society and Natural Resources</i> , 2013, 26, 1330-1350.	1.9	11
54	Policy preferences for water sharing in Alberta, Canada. <i>Water Resources and Economics</i> , 2013, 1, 93-110.	2.2	11

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55	The Competition for Water: Striking a Balance Among Social, Environmental, and Economic Needs. SSRN Electronic Journal, 2010, , .	0.4	10
56	Understanding Irrigator Bidding Behavior in Australian Water Markets in Response to Uncertainty. Water (Switzerland), 2014, 6, 3457-3477.	2.7	10
57	Lessons to Be Learned from Groundwater Trading in Australia and the United States. , 2016, , 493-517.		10
58	Irrigators and the new policy paradigm “ An Australian case study. Water Policy, 2005, 7, 581-595.	1.5	9
59	Achieving Targeted Environmental Flows: Alternative Allocation and Trading Models under Scarce Supply“Lessons from the Australian Reform Process. Environment and Planning C: Urban Analytics and City Science, 2011, 29, 745-760.	1.5	9
60	An overview of water sharing and participation issues for irrigators and their communities in Alberta: Implications for water policy. Agricultural Water Management, 2014, 145, 171-180.	5.6	9
61	A table for five: Stakeholder perceptions of water governance in Alberta. Agricultural Water Management, 2016, 174, 11-21.	5.6	9
62	“Custodians” or “Investors” classifying irrigators in Australia’s Namoi Valley. WIT Transactions on Ecology and the Environment, 2006, , .	0.0	9
63	Private Irrigators in Southern Alberta: A Survey of Their Adoption of Improved Irrigation Technologies and Management Practices. Canadian Water Resources Journal, 2010, 35, 339-350.	1.2	8
64	The Impact of Water and Soil Salinity on Water Market Trading in the Southern Murray“Darling Basin. Water Economics and Policy, 2016, 02, 1650004.	1.0	8
65	Institutional innovation and smart water management technologies in small-scale irrigation schemes in southern Africa. Water International, 2020, 45, 621-650.	1.0	8
66	Economic instruments and irrigation water management “ a comparative study of private and district irrigators in Alberta, Canada. WIT Transactions on Ecology and the Environment, 2008, , .	0.0	8
67	Poor water service quality in developed countries may have a greater impact on lower-income households. Water International, 2018, 43, 436-459.	1.0	7
68	The wicked problems of water quality governance. Water International, 2018, 43, 323-326.	1.0	7
69	An Analysis of the Returns from an Investment in Water Entitlements in Australia. Pacific Rim Property Research Journal, 2007, 13, 344-360.	0.4	6
70	Exploring Generational Differences Towards Water Resources and Policy Preferences of Water Re-Allocation in Alberta, Canada. Water Resources Management, 2015, 29, 5073-5089.	3.9	6
71	Growth and inequality at the micro scale: an empirical analysis of farm incomes within smallholder irrigation systems in Zimbabwe, Tanzania and Mozambique. International Journal of Water Resources Development, 2020, 36, S224-S245.	2.0	6
72	Social, Economic and Community Impacts of Water Markets in Australia’s Murray Darling Basin Region. International Journal of Interdisciplinary Social Sciences, 2008, 2, 1-10.	0.1	6

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73	Water policies and their influence on land uses and land values. The Angasâ€Bremer proclaimed region: a case study. <i>Property Management</i> , 1995, 13, 14-20.	0.8	5
74	Property Implications of the Separation of Land and Water Rights. <i>Pacific Rim Property Research Journal</i> , 2004, 10, 54-78.	0.4	5
75	A Comparison of Implicit Values and Explicit Prices of Water. <i>Pacific Rim Property Research Journal</i> , 2005, 11, 316-331.	0.4	5
76	Improved Technologies and Management Practices in Irrigationâ€™Implications for Water Savings in Southern Alberta. <i>Canadian Water Resources Journal</i> , 2008, 33, 283-294.	1.2	5
77	Is water and land redistribution a driver of economic growth and poverty reduction? Lessons from Zimbabwe. <i>Water International</i> , 2009, 34, 217-229.	1.0	5
78	Changing to more efficient irrigation technologies in southern Alberta (Canada): an empirical analysis. <i>Water International</i> , 2015, 40, 1040-1058.	1.0	5
79	Factors that Influence the Rate and Intensity of Adoption of Improved Irrigation Technologies in Alberta, Canada. <i>Water Economics and Policy</i> , 2016, 02, 1650026.	1.0	5
80	Wicked problems facing integrated water quality management: what IWRA experts tell us. <i>Water International</i> , 2018, 43, 336-348.	1.0	5
81	Exploring the Reluctance to Embrace Water Markets in Alberta, Canada. <i>Global Issues in Water Policy</i> , 2014, , 215-237.	0.1	5
82	Do Water Contamination Reports Influence Water Use Practices on Feedlot Farms and Rural Households in Southern Alberta?. <i>Canadian Water Resources Journal</i> , 2007, 32, 213-226.	1.2	4
83	The social discourses on market-based instruments to manage non-point-source water pollution in the Oldman River basin, southern Alberta. <i>Water International</i> , 2018, 43, 385-403.	1.0	4
84	The Returns from Investing in Water Markets in Australia. , 2016, , 371-384.		4
85	Health impacts of the 2005 flood events on feedlot farm families in southern Alberta, Canada. <i>WIT Transactions on Ecology and the Environment</i> , 2007, , .	0.0	4
86	Exploring links between policy preferences for water reallocation and beliefs, values, attitudes, and social norms in Alberta, Canada. <i>WIT Transactions on Ecology and the Environment</i> , 2011, , .	0.0	4
87	Beyond fertilizer for closing yield gaps in sub-Saharan Africa. <i>Nature Food</i> , 2021, 2, 756-757.	14.0	4
88	Comparing Implicit and Explicit Water Prices During the Early Years of Water Trading in Australia. <i>Pacific Rim Property Research Journal</i> , 2009, 15, 278-302.	0.4	3
89	Local groundwater management studies in Ontario, Canada: A case for retaining a role for the state in community-based water research. <i>Australian Journal of Water Resources</i> , 2009, 13, 69-80.	2.7	3
90	Water trade alternatives in the face of climate change. <i>Management of Environmental Quality</i> , 2010, 21, 226-236.	4.3	3

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91	Segmenting and Targeting Irrigators's Preferences Regarding Proposed Water Transfers. Society and Natural Resources, 2015, 28, 423-438.	1.9	3
92	Intertemporal Preferences of Potable Water Supply Consumers. Journal of Water Resources Planning and Management - ASCE, 2019, 145, 04019009.	2.6	3
93	Smart Water Management: the way to (artificially) intelligent water management, or just another pretty name?. Water International, 2020, 45, 515-519.	1.0	3
94	Irrigation and water security: the role of economic instruments and governance. WIT Transactions on Ecology and the Environment, 2008, , .	0.0	3
95	Factors influencing water allocation and entitlement prices in the Greater Goulburn area of Australia. WIT Transactions on Ecology and the Environment, 2008, , .	0.0	3
96	Changing the development paradigm in African agricultural water management to resolve water and food challenges. Water International, 0, , 1-18.	1.0	3
97	The influence of irrigators's attitudes and objectives on their decision making. Hydrological Research Letters, 2008, 2, 27-31.	0.5	3
98	Against the grain: segmenting and profiling irrigators opposed to water transfers in Alberta, Canada. WIT Transactions on Ecology and the Environment, 2012, , .	0.0	3
99	Elements of an Institutional Framework for the Management of Water for Poverty Reduction in Developing Countries. , 2003, , 87-110.		2
100	Water Trading in Australia: Tracing its Development and Impact Over the Past Three Decades. Global Issues in Water Policy, 2014, , 179-202.	0.1	2
101	Water Markets - Economic Instruments to Manage Scarcity. Journal of Agricultural and Marine Sciences, 0, 11, 11.	0.5	2
102	Sustainable irrigation: A historical perspective. WIT Transactions on State-of-the-art in Science and Engineering, 2010, , 13-24.	0.0	2
103	Sustainable irrigation "a new challenge?. , 2010, , .		2
104	Farmstead drinking water sources, concerns and safety practices of livestock farm families in southern Alberta, Canada. WIT Transactions on Ecology and the Environment, 2008, , .	0.0	2
105	Understanding the acceptance of market-based instruments for the ecosystem service of water quality. WIT Transactions on Ecology and the Environment, 2011, , .	0.0	2
106	Generational differences in policy preferences for water sharing: implications for the future. , 2013, , .		2
107	Modelling the adoption of different types of irrigation water technology in Alberta, Canada. WIT Transactions on Ecology and the Environment, 2010, , .	0.0	2
108	Factors Influencing Prices Paid in the Market for Temporary Water. Pacific Rim Property Research Journal, 2004, 10, 400-419.	0.4	1

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109	Exploring some of the socio-economic realities of sustainable water management in irrigation: An overview. <i>Agricultural Water Management</i> , 2014, 145, 1-4.	5.6	1
110	Before you go: the editors'™ checklist of what we now know about Smart Water Management. <i>Water International</i> , 2020, 45, 702-703.	1.0	1
111	The drought, the irrigators, and their photographs: images from the inside. <i>WIT Transactions on Ecology and the Environment</i> , 2010, , .	0.0	1
112	Do markets promote more efficient and higher value water use? Tracing evidence over time in an Australian water market. <i>WIT Transactions on Ecology and the Environment</i> , 2007, , .	0.0	1
113	Purchasing Water to Create Sustainable Systems: Where Does this Leave the Regulatory Approach?. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
114	Community and socio-economic impact of corporate purchase of water: lessons from Australia. <i>WIT Transactions on Ecology and the Environment</i> , 2009, , .	0.0	1
115	Alberta's™ drive to use market-based instruments for ecosystem services provision. <i>WIT Transactions on Ecology and the Environment</i> , 2010, , .	0.0	1
116	Analysing the drivers of irrigator drought strategies in the Southern Murray Darling Basin. , 2011, , .		1
117	Water reallocation policies: public perceptions. , 2011, , .		1
118	Addressing water security through catchment water stewardship partnerships: experiences from the Pangani Basin, Tanzania. <i>Water International</i> , 2022, 47, 540-564.	1.0	1
119	Changing Tactics for Managing Water in Alberta: The Water for Life Strategy and Challenges in It's Implementation. , 2006, , 1.		0
120	Tracing Factors Affecting the Adoption of Water Markets " Some Australian Experiences. , 2006, , 1.		0
121	Is Smart Water Management really smart? What experts tell us. <i>Water International</i> , 2020, 45, 604-607.	1.0	0
122	The report that sparked this special issue. <i>Water International</i> , 2020, 45, 520-525.	1.0	0
123	Feedlot operation problems from floods in southern Alberta: a Canadian case study. , 2008, , .		0
124	Towards more sustainable irrigation: Factors influencing allocation and entitlement prices and demand in the Goulburn Murray Irrigation District of Australia. <i>WIT Transactions on State-of-the-art in Science and Engineering</i> , 2010, , 91-105.	0.0	0
125	Trade influences in Australia's™ allocation market: can allocations provide environmental water?. , 2010, , .		0
126	"How Can You Walk Away from Yourself?" " Farmers Talk About Their Decision Influences. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0

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127	Farmersâ€™ Varying Economic, Environmental and Social Values and Attitudes as Barriers to Water Reform. SSRN Electronic Journal, 0, , .	0.4	0
128	New wine in old bottles: a brief history of the use of economic incentives in natural resources management. , 2011, , .		0
129	Factor analysis identifying key values held by South Australian and Victorian irrigators in a time of severe drought. , 2011, , .		0
130	Securing societal benefits through increased provision of ecosystem services using incentives. , 2011, , .		0
131	Case study, scenarios and the exploration of humansâ€™ subjectivity for market-based instrument success: an integrated framework. WIT Transactions on Ecology and the Environment, 2012, , .	0.0	0
132	Selling water for the environment: how sustainable is it for irrigators?. WIT Transactions on Ecology and the Environment, 2012, , .	0.0	0
133	Recreational value of irrigation infrastructure: a case study of Chestermere Lake, Alberta, Canada. , 2012, , .		0
134	Market based instruments: issues and opportunities for agriculture and water quality services in Alberta, Canada. WIT Transactions on Ecology and the Environment, 2012, , .	0.0	0
135	Sustainable irrigation: Alberta perspectives. , 2012, , .		0
136	The association between farm management strategies and irrigatorsâ€™ farm profits over time in the Murray-Darling Basin. WIT Transactions on Ecology and the Environment, 2012, , .	0.0	0
137	Economic incentives: successful in expansion, will it also be successful in contraction?. International Journal of Sustainable Development and Planning, 2013, 8, 422-439.	0.7	0
138	Water governance for sustainable irrigation: the role of civil society. , 2014, , .		0
139	A framework for assessing capacity in water governance. , 2015, , .		0