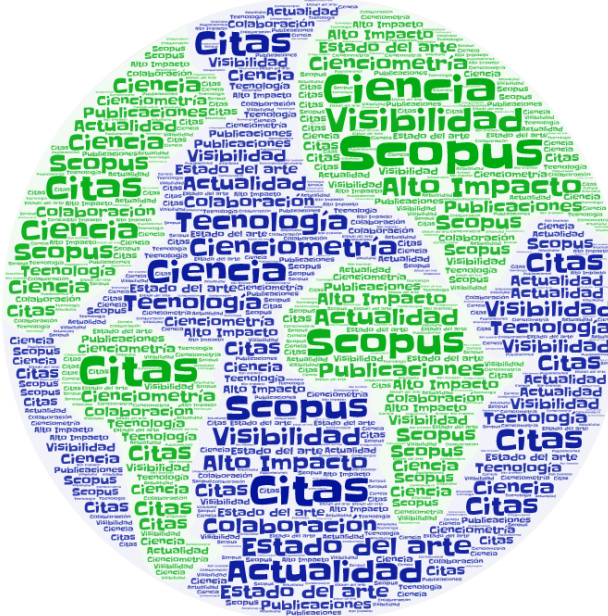


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ESTADO DEL ARTE SCOPUS

Sostenibilidad del recurso hídrico

Dirección de Investigación e Innovación – Sede principal
Centro de Recursos para el Aprendizaje y la Investigación CRAI-USTA

Por: Cristian Alexander Vega Mosquera, Camilo A. Corchuelo R., Luz Marina Paez



Este informe muestra el estado actual y las tendencias de las publicaciones Scopus relacionadas con el tema “Sostenibilidad del recurso hídrico”. Se presenta las cifras de las publicaciones, citas, colaboraciones y tendencias entre otros. Este es un insumo para la comunidad académica USTA cuyo objetivo es identificar tendencias mundiales en las publicaciones para articular líneas y grupos de investigación.

ABSTRACT

his report shows the current status and trends of Scopus publications related to the theme "Sustainability of water". The figures of the publications, citations, collaborations and trends among others are presented. This is an input for the USTA academic community whose objective is to identify global trends in publications for joint lines and research groups.

Keywords: Scopus, state of the art, Sustainability of water

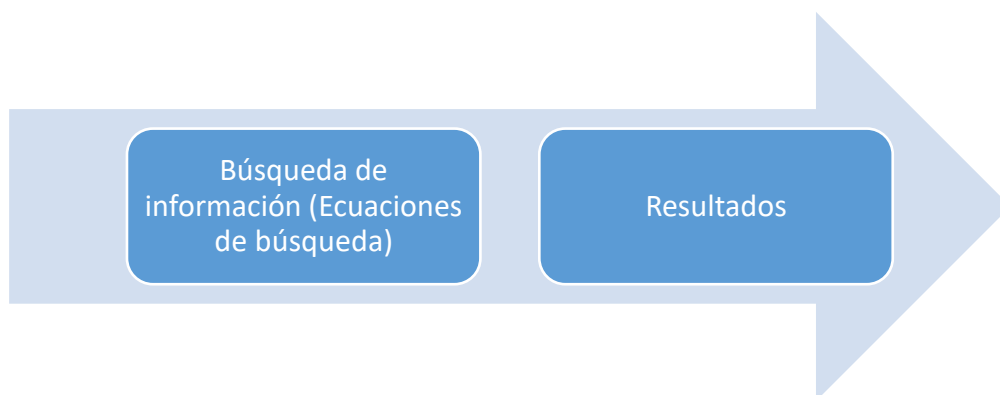
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Ficha técnica

Fuente	Expresión de búsqueda
Scopus - Scival	"Sustainability of Water" OR "Water Resources Management"
Periodo de análisis: 2015 - 2019	
Fecha de consulta: 27/10/2020	

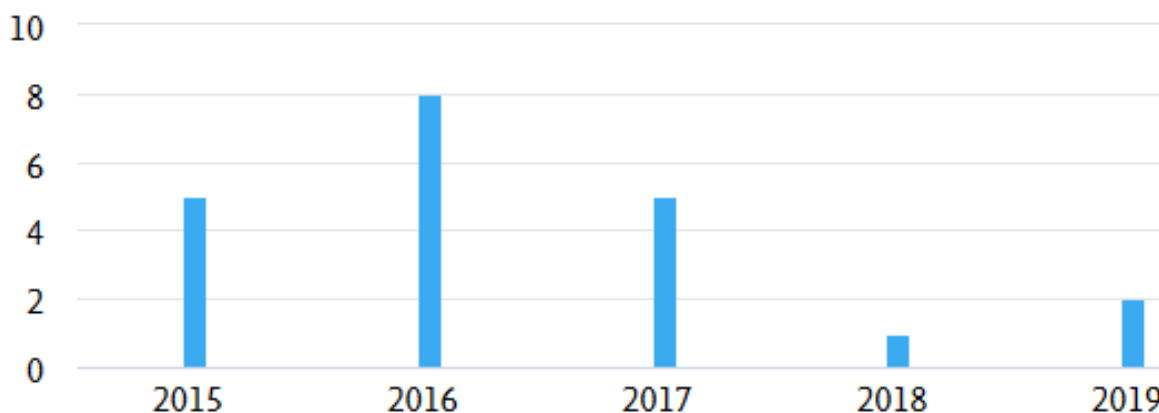
Metodología



(Corchuelo-Rodriguez et al., 2019, p. 11)

Resultados

Gráfico 1. Publicaciones por año (Fuente: Scopus - Scival)



Estado del arte - Scopus

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Gráfico 2. Porcentaje de publicaciones por área de conocimiento (Fuente: Scopus - Scival)

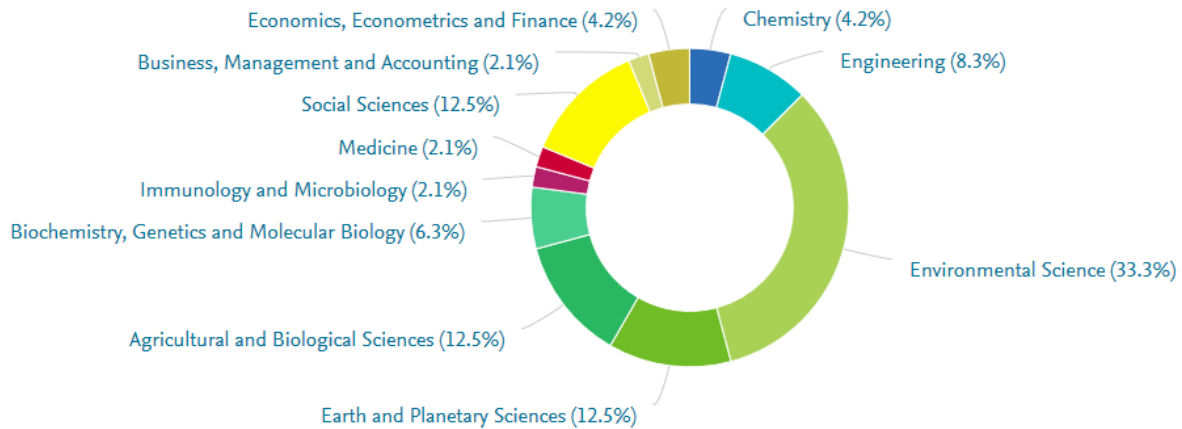


Tabla 1. Top 10 de los temas de mayor tendencia en publicación (Fuente: Scopus - Scival)

Topics ↑	Relatedness	Output	Prominence percentile
☐ Transboundary Waters; Nile; International Watercourses T.4245	97.0%	719	95.906
☐ Water Rights; Political Ecology; Water Users Associations T.30145	95.7%	334	93.853
☐ Water Markets; Murray; Price of Water T.8588	98.2%	350	93.681
☐ Positive Mathematical Programming; Water Pricing; Groundwater Management T.11439	96.0%	336	92.609
☐ Stormwater; Green Infrastructure; Urban Water T.39033	95.9%	206	88.641
☐ Tank Irrigation; Groundwater; Water Users Associations T.21685	97.0%	273	86.654
☐ Water Security; Water Resources Management; Poverty T.35503	96.2%	117	83.883
☐ Integrated Water Resources Management; Water Law Reform; Zimbabwe T.38928	97.6%	107	76.764
☐ Stream Flow; River Basins; Tributaries T.73455	95.7%	4	74.206
☐ Water Source Protection; First Nations; Water Utilities T.43883	96.7%	69	71.575

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Tabla 2. Porcentaje de colaboraciones en las publicaciones (Fuente: Scopus - Scival)

Metric		Scholarly Output	Citations
■ International collaboration	10.0%	2	1
■ Only national collaboration	30.0%	6	53
■ Only institutional collaboration	40.0%	8	34
■ Single authorship (no collaboration)	20.0%	4	1

Tabla 3. Top 5 de las publicaciones con más citas (Fuente: Scopus - Scival)

Publication	Citations
Advances in climate models from CMIP3 to CMIP5 do not change predictions of future habitat suitability for California reptiles and amphibians. Wright, A.N., Schwartz, M.W., Hijmans, R.J. and 1 more (2016) Climatic Change, 134 (4), pp. 579-591. View in Scopus	21
Water governance, stakeholder engagement, and sustainable water resources management. Megdal, S.B., Eden, S., Shamir, E. (2017) Water (Switzerland), 9 (3). View in Scopus	20
Envisioning the future of water governance: A survey of central Arizona water decision makers. White, D.D., Withycombe Keeler, L., Wiek, A. and 1 more (2015) Environmental Practice, 17 (1), pp. 25-35. View in Scopus	10
Enhancing groundwater governance by making the linkage with multiple uses of the subsurface space and other subsurface resources. van der Gun, J., Aureli, A., Merla, A. (2016) Water (Switzerland), 8 (6). View in Scopus	9
The Role of Permitting Regimes in Western United States Groundwater Management. Nelson, R., Perrone, D. (2016) Ground water, 54 (6), pp. 761-764. View in Scopus	6

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Tabla 4. Top de los autores con más citas (Fuente: Scopus - Scival)

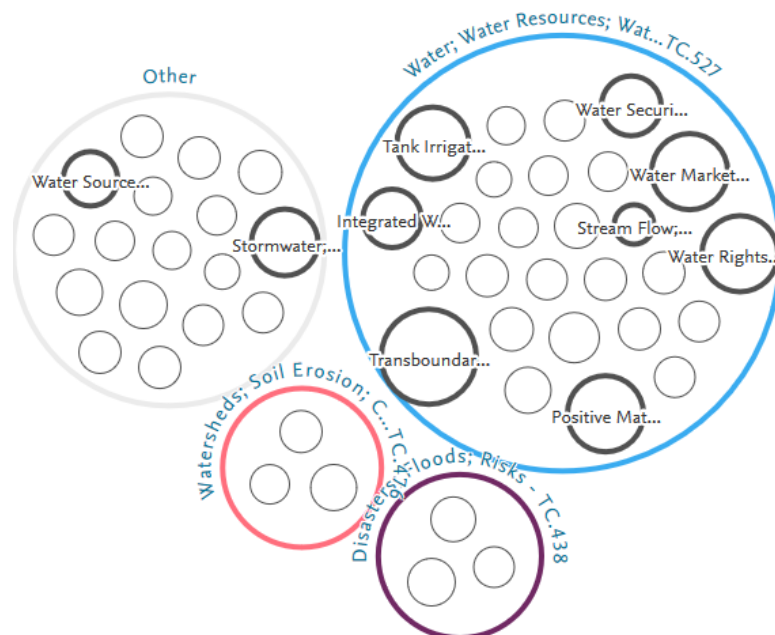
Name	Scholarly Output	Citations	Citations per Publication	Field-Weighted Citation Impact	h-index
Bradley Shaffer	H.	1	21	21.0	1.33
Hijmans	Robert J.	1	21	21.0	1.33
Schwartz	Mark W.	1	21	21.0	1.33
Wright	Amber N.	1	21	21.0	1.33
Shamir	Eylon	1	20	20.0	8.77
Eden	Susanna	1	20	20.0	8.77
Megdal	Sharon Bernstein	1	20	20.0	8.77
White	Dave D.	1	10	10.0	0.97
Withycombe Keeler	Lauren	1	10	10.0	0.97
Larson	Kelli L.	1	10	10.0	0.97
Wiek	Arnim	1	10	10.0	0.97

Tabla 5. Top 10 de las instituciones con filiación de autor con más publicaciones (Fuente: Scopus - Scival)

Institution	Sector	Country/Region	Scholarly Output
University of Arizona	academic	United States	3
Indiana University Bloomington	academic	United States	2
Amasya University	academic	Turkey	1
Arizona State University	academic	United States	1
Carol Davila University of Medicine and Pharmacy	academic	Romania	1
CSIRO	government	Australia	1
Flinders University	academic	Australia	1
Indiana University-Purdue University Indianapolis	academic	United States	1
Kirikkale University	academic	Turkey	1

[illegible]

Gráfico 4. Temas relacionados con publicaciones (Fuente: Scopus - Scival)



7

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Tabla 6. Top 10 de las revistas con más publicaciones (Fuente: Scopus - Scival)

Scopus Source	Publications	Publications (growth %)	Citations
Water (Switzerland)	3	0.0	35
Journal - American Water Works Association	2	-100.0	1
Climatic Change	1	0.0	21
Journal of Water Law	1	-100.0	0
Water Policy	1	0.0	5
Journal of the American Water Resources Association	1	0.0	3
Ground Water	1	0.0	6
Environmental Practice	1	-100.0	10
Journal of Environmental Protection and Ecology	1	-	1

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