# Daene C Mckinney

## List of Publications by Year
in descending order

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|---|---|---|---|
| 40<br>papers | 2,717<br>citations | 218677<br>26<br>h-index | 289244<br>40<br>g-index |
| 40<br>all docs | 40<br>docs citations | 40<br>times ranked | 2158<br>citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Modeling the glacial lake outburst flood process chain in the Nepal Himalaya: reassessing Imja Tsho's hazard. Hydrology and Earth System Sciences, 2018, 22, 3721-3737. | 4.9 | 41 |
| 2 | Brief communication: Observations of a glacier outburst flood from Lhotse Glacier, Everest area, Nepal. Cryosphere, 2017, 11, 443-449. | 3.9 | 37 |
| 3 | Identification of Hazard and Risk for Glacial Lakes in the Nepal Himalaya Using Satellite Imagery from 2000â€"2015. Remote Sensing, 2017, 9, 654. | 4.0 | 91 |
| 4 | Decision-Making Methodology for Risk Management Applied to Imja Lake in Nepal. Water (Switzerland), 2017, 9, 591. | 2.7 | 9 |
| 5 | Modeling a glacial lake outburst flood process chain: the case of Lake Palcacocha and Huaraz, Peru. Hydrology and Earth System Sciences, 2016, 20, 2519-2543. | 4.9 | 61 |
| 6 | A new remote hazard and risk assessment framework for glacial lakes in the Nepal Himalaya. Hydrology and Earth System Sciences, 2016, 20, 3455-3475. | 4.9 | 75 |
| 7 | An assessment of conditions before and after the 1998 Tam Pokhari outburst in the Nepal Himalaya and an evaluation of the future outburst hazard. Hydrological Processes, 2016, 30, 676-691. | 2.6 | 9 |
| 8 | Hydrology of the Jordan River Basin: A GIS-Based System to Better Guide Water Resources Management and Decision Making. Water Resources Management, 2014, 28, 933-946. | 3.9 | 19 |
| 9 | Promoting science-based, community-driven approaches to climate change adaptation in glaciated mountain ranges: HiMAP. Geography, 2014, 99, 143-152. | 0.6 | 19 |
| 10 | Glacial lakes of the Hinku and Hongu valleys, Makalu Barun National Park and Buffer Zone, Nepal. Natural Hazards, 2013, 69, 115-139. | 3.4 | 33 |
| 11 | Collaborative Modeling to Evaluate Water Management Scenarios in the Rio Grande Basin. Journal of the American Water Resources Association, 2013, 49, 639-653. | 2.4 | 23 |
| 12 | Development of a Hydrological Model for the Rio Conchos Basin. Journal of Hydrologic Engineering - ASCE, 2013, 18, 340-351. | 1.9 | 24 |
| 13 | Water sharing agreements sustainable to reduced flows. Journal of Environmental Economics and Management, 2013, 66, 639-655. | 4.7 | 37 |
| 14 | Water resources management in the <scp>J</scp>ordan <scp>R</scp>iver <scp>B</scp>asin. Water and Environment Journal, 2013, 27, 495-504. | 2.2 | 16 |
| 15 | TRANSBOUNDARY WATER MANAGEMENT: CAN ISSUE LINKAGE HELP MITIGATE EXTERNALITIES?. International Game Theory Review, 2012, 14, 1250002. | 0.5 | 11 |
| 16 | Calculating the Benefits of Transboundary River Basin Cooperation: Syr Darya Basin. Journal of Water Resources Planning and Management - ASCE, 2011, 137, 481-490. | 2.6 | 70 |
| 17 | Groundwater Banking in the Rio Grande Basin. Journal of Water Resources Planning and Management - ASCE, 2011, 137, 62-71. | 2.6 | 15 |
| 18 | Sharing Water Resources Data in the Binational Rio Grande/Bravo Basin. Journal of Water Resources Planning and Management - ASCE, 2007, 133, 416-426. | 2.6 | 27 |

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|---|---------|-----|-----------|
| 19 | Optimizing long-term water allocation in the Amudarya River delta: a water management model for ecological impact assessment. Environmental Modelling and Software, 2005, 20, 529-545. | 4.5 | 86 |
| 20 | Integrated Hydrologic-Agronomic-Economic Model for River Basin Management. Journal of Water Resources Planning and Management - ASCE, 2003, 129, 4-17. | 2.6 | 207 |
| 21 | Sustainability analysis for irrigation water management in the Aral Sea region. Agricultural Systems, 2003, 76, 1043-1066. | 6.1 | 180 |
| 22 | Optimization of Syr Darya Water and Energy Uses. Water International, 2002, 27, 504-516. | 1.0 | 33 |
| 23 | Linking GIS and water resources management models: an object-oriented method. Environmental Modelling and Software, 2002, 17, 413-425. | 4.5 | 83 |
| 24 | Solving nonlinear water management models using a combined genetic algorithm and linear programming approach. Advances in Water Resources, 2001, 24, 667-676. | 3.8 | 231 |
| 25 | Biodegradation of RDX in Unsaturated Soil. Bioremediation Journal, 2001, 5, 1-11. | 2.0 | 20 |
| 26 | Piece-by-Piece Approach to Solving Large Nonlinear Water Resources Management Models. Journal of Water Resources Planning and Management - ASCE, 2001, 127, 363-368. | 2.6 | 42 |
| 27 | Solving Large Nonconvex Water Resources Management Models Using Generalized Benders Decomposition. Operations Research, 2001, 49, 235-245. | 1.9 | 55 |
| 28 | Laboratory characterization of non-aqueous phase liquid/tracer interaction in support of a vadose zone partitioning interwell tracer test. Journal of Contaminant Hydrology, 2000, 41, 193-204. | 3.3 | 31 |
| 29 | Screening Water Supply Options for the Edwards Aquifer Region in Central Texas. Journal of Water Resources Planning and Management - ASCE, 1999, 125, 14-24. | 2.6 | 22 |
| 30 | Vadose Zone Characterization at a Contaminated Field Site Using Partitioning Interwell Tracer Technology. Environmental Science &amp; Technology, 1999, 33, 2745-2751. | 10.0 | 48 |
| 31 | Decomposition methods for water resources optimization models with fixed costs. Advances in Water Resources, 1998, 21, 283-295. | 3.8 | 45 |
| 32 | Finding Robust Solutions to Water Resources Problems. Journal of Water Resources Planning and Management - ASCE, 1997, 123, 49-58. | 2.6 | 135 |
| 33 | Pump-and-Treat Ground-Water Remediation System Optimization. Journal of Water Resources Planning and Management - ASCE, 1996, 122, 128-136. | 2.6 | 80 |
| 34 | Multigrid Methods in GIS Grid-Cellâ€"Based Modeling Environment. Journal of Computing in Civil Engineering, 1996, 10, 25-30. | 4.7 | 12 |
| 35 | Recent developments associated with decision support systems in water resources. Reviews of Geophysics, 1995, 33, 941-948. | 23.0 | 24 |
| 36 | Approximate Mixed-Integer Nonlinear Programming Methods for Optimal Aquifer Remediation Design. Water Resources Research, 1995, 31, 731-740. | 4.2 | 76 |

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|---|---------|-----|-----------|
| 37 | Partitioning Tracer Test for Detection, Estimation, and Remediation Performance Assessment of Subsurface Nonaqueous Phase Liquids. Water Resources Research, 1995, 31, 1201-1211. | 4.2 | 242 |
| 38 | Genetic algorithm solution of groundwater management models. Water Resources Research, 1994, 30, 1897-1906. | 4.2 | 349 |
| 39 | Expert Geographic Information System for Texas Water Planning. Journal of Water Resources Planning and Management - ASCE, 1993, 119, 170-183. | 2.6 | 37 |
| 40 | Network design for predicting groundwater contamination. Water Resources Research, 1992, 28, 133-147. | 4.2 | 62 |