# Terri S Hogue

List of Publications by Year
in descending order

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| 90 | 2,420 | 201575 | 233338 |
|---|---|---|---|
| papers | citations | 27 h-index | 45 g-index |

| 92 | 92 | 92 | 2999 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Assessing the effects of climate change on urban watersheds: a review and call for future research. Environmental Reviews, 2022, 30, 61-71. | 2.1 | 10 |
| 2 | Thermal Suitability of the Los Angeles River for Cold Water Resident and Migrating Fish Under Physical Restoration Alternatives. Frontiers in Environmental Science, 2022, 9, . | 1.5 | 2 |
| 3 | Improving the Decision-Making Process for Stormwater Management Using Life-Cycle Costs and a Benefit Analysis. Journal of Sustainable Water in the Built Environment, 2022, 8, . | 0.9 | 1 |
| 4 | Forest fire mobilization and uptake of metals by biota temporarily exacerbates impacts of legacy mining. Science of the Total Environment, 2022, , 155034. | 3.9 | 1 |
| 5 | Balancing water reuse and ecological support goals in an effluent dominated river. Journal of Hydrology X, 2022, 15, 100124. | 0.8 | 5 |
| 6 | Dilution and Pollution: Assessing the Impacts of Water Reuse and Flow Reduction on Water Quality in the Los Angeles River Basin. ACS ES&T Water, 2022, 2, 1309-1319. | 2.3 | 3 |
| 7 | GIP-SWMM: A new Green Infrastructure Placement Tool coupled with SWMM. Journal of Environmental Management, 2021, 277, 111409. | 3.8 | 23 |
| 8 | Satellites to Sprinklers: Assessing the Role of Climate and Land Cover Change on Patterns of Urban Outdoor Water Use. Water Resources Research, 2021, 57, e2020WR027587. | 1.7 | 5 |
| 9 | A Site-Scale Tool for Performance-Based Design of Stormwater Best Management Practices. Water (Switzerland), 2021, 13, 844. | 1.2 | 3 |
| 10 | Assessing resilience of a dual drainage urban system to redevelopment and climate change. Journal of Hydrology, 2021, 596, 126101. | 2.3 | 11 |
| 11 | Simulating the thermal impact of substrate temperature on ecological restoration in shallow urban rivers. Journal of Environmental Management, 2021, 289, 112560. | 3.8 | 5 |
| 12 | Incorporating a Multiple-Benefit Analysis into a Stormwater Decision-Support Tool at Planning Level. Journal of Sustainable Water in the Built Environment, 2021, 7, . | 0.9 | 4 |
| 13 | Building to conserve: Quantifying the outdoor water savings of residential redevelopment in Denver, Colorado. Landscape and Urban Planning, 2021, 214, 104178. | 3.4 | 2 |
| 14 | Reading the Green Landscape: Public Attitudes toward Green Stormwater Infrastructure and the Perceived Nonmonetary Value of Its Co-Benefits in Three US Cities. Journal of Sustainable Water in the Built Environment, 2021, 7, . | 0.9 | 10 |
| 15 | Raspy-Cal: A Genetic Algorithm-Based Automatic Calibration Tool for HEC-RAS Hydraulic Models. Water (Switzerland), 2021, 13, 3061. | 1.2 | 1 |
| 16 | Increased water yield and altered water partitioning follow wildfire in a forested catchment in the western United States. Ecohydrology, 2020, 13, e2170. | 1.1 | 18 |
| 17 | Greening up stormwater infrastructure: Measuring vegetation to establish context and promote cobenefits in a diverse set of US cities. Urban Forestry and Urban Greening, 2020, 48, 126548. | 2.3 | 23 |
| 18 | A geospatial approach for estimating hydrological connectivity of impervious surfaces. Journal of Hydrology, 2020, 591, 125545. | 2.3 | 18 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Regionalization of Default Parameters for Urban Stormwater Quality Models. Journal of the American Water Resources Association, 2020, 56, 995-1009. | 1.0 | 7 |
| 20 | Investigating Tradeoffs of Green to Grey Stormwater Infrastructure Using a Planning-Level Decision Support Tool. Water (Switzerland), 2020, 12, 2005. | 1.2 | 14 |
| 21 | Adequacy of Linear Models for Estimating Stormwater Best Management Practice Treatment Performance. Journal of Sustainable Water in the Built Environment, 2020, 6, . | 0.9 | 4 |
| 22 | Stormwater control impacts on runoff volume and peak flow: A metaâ€analysis of watershed modelling studies. Hydrological Processes, 2020, 34, 3134-3152. | 1.1 | 22 |
| 23 | SWMM Sensitivity to LID Siting and Routing Parameters: Implications for Stormwater Regulatory Compliance. Journal of the American Water Resources Association, 2020, 56, 790-809. | 1.0 | 9 |
| 24 | Evaluation of a Distributed Streamflow Forecast Model at Multiple Watershed Scales. Water (Switzerland), 2020, 12, 1279. | 1.2 | 3 |
| 25 | Stormwater Management Options and Decision-Making in Urbanized Watersheds of Los Angeles, California. Journal of Sustainable Water in the Built Environment, 2020, 6, . | 0.9 | 8 |
| 26 | Urban irrigation in the modeling of a semi-arid urban environment: Ballona Creek watershed, Los Angeles, California. Hydrological Sciences Journal, 2020, 65, 1344-1357. | 1.2 | 2 |
| 27 | Biochar-augmented biofilters to improve pollutant removal from stormwater â€“ can they improve receiving water quality?. Environmental Science: Water Research and Technology, 2020, 6, 1520-1537. | 1.2 | 37 |
| 28 | Advancing Precipitation Estimation, Prediction, and Impact Studies. Bulletin of the American Meteorological Society, 2020, 101, E1584-E1592. | 1.7 | 14 |
| 29 | A Bayesian hierarchical model for multiple imputation of urban spatio-temporal groundwater levels. Statistics and Probability Letters, 2019, 144, 44-51. | 0.4 | 8 |
| 30 | Evaluating the Impacts of Stormwater Management on Streamflow Regimes in the Los Angeles River. Journal of Water Resources Planning and Management - ASCE, 2019, 145, . | 1.3 | 15 |
| 31 | Wildfire impacts on water quality, macroinvertebrate, and trout populations in the Upper Rio Grande. Forest Ecology and Management, 2019, 453, 117636. | 1.4 | 19 |
| 32 | Site-Scale Integrated Decision Support Tool (i-DSTss) for Stormwater Management. Water (Switzerland), 2019, 11, 2022. | 1.2 | 17 |
| 33 | Assessment of Groundwater Depletion and Implications for Management in the Denver Basin Aquifer System. Journal of the American Water Resources Association, 2019, 55, 1130-1148. | 1.0 | 8 |
| 34 | An integrated statistical and deterministic hydrologic model for analyzing trace organic contaminants in commercial and high-density residential stormwater runoff. Science of the Total Environment, 2019, 673, 656-667. | 3.9 | 6 |
| 35 | Activeâ€Passive Surface Water Classification: A New Method for Highâ€Resolution Monitoring of Surface Water Dynamics. Geophysical Research Letters, 2019, 46, 4694-4704. | 1.5 | 15 |
| 36 | Occurrence of Urban-Use Pesticides and Management with Enhanced Stormwater Control Measures at the Watershed Scale. Environmental Science & Technology, 2019, 53, 3634-3644. | 4.6 | 34 |

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|---|---|---|---|
| 37 | Evaluation of Groundwater Levels in the Arapahoe Aquifer Using Spatiotemporal Regression Kriging. Water Resources Research, 2019, 55, 2820-2837. | 1.7 | 48 |
| 38 | A Rainwater Harvesting Accounting Tool for Water Supply Availability in Colorado. Water (Switzerland), 2019, 11, 2205. | 1.2 | 5 |
| 39 | Predicting Parcel-Scale Redevelopment Using Linear and Logistic Regressionâ€"the Berkeley Neighborhood Denver, Colorado Case Study. Sustainability, 2019, 11, 1882. | 1.6 | 10 |
| 40 | Decision Making on the Gray-Green Stormwater Infrastructure Continuum. Journal of Sustainable Water in the Built Environment, 2019, 5, . | 0.9 | 41 |
| 41 | Adapting Urban Water Systems to Manage Scarcity in the 21st Century: The Case of Los Angeles. Environmental Management, 2019, 63, 293-308. | 1.2 | 17 |
| 42 | Evaluating the factors responsible for post-fire water quality response in forests of the western USA. International Journal of Wildland Fire, 2019, 28, 769. | 1.0 | 32 |
| 43 | Multiple Pathways to Bacterial Load Reduction by Stormwater Best Management Practices: Trade-Offs in Performance, Volume, and Treated Area. Environmental Science & Technology, 2018, 52, 6370-6379. | 4.6 | 30 |
| 44 | Enhancement of a Parsimonious Water Balance Model to Simulate Surface Hydrology in a Glacierized Watershed. Journal of Geophysical Research F: Earth Surface, 2018, 123, 1116-1132. | 1.0 | 7 |
| 45 | Urban Irrigation Suppresses Land Surface Temperature and Changes the Hydrologic Regime in Semi-Arid Regions. Water (Switzerland), 2018, 10, 1563. | 1.2 | 13 |
| 46 | Appreciation for Water Resources Research Reviewers. Water Resources Research, 2018, 54, 7114-7137. | 1.7 | 0 |
| 47 | Post-fire water-quality response in the western United States. International Journal of Wildland Fire, 2018, 27, 203. | 1.0 | 75 |
| 48 | The economic value of local water supplies in Los Angeles. Nature Sustainability, 2018, 1, 289-297. | 11.5 | 29 |
| 49 | Characterization and evaluation of controls on post-fire streamflow response across western US watersheds. Hydrology and Earth System Sciences, 2018, 22, 1221-1237. | 1.9 | 43 |
| 50 | Assessing the feasibility of using produced water for irrigation in Colorado. Science of the Total Environment, 2018, 640-641, 619-628. | 3.9 | 61 |
| 51 | Hydrologic Regime Changes in a High-Latitude Glacierized Watershed under Future Climate Conditions. Water (Switzerland), 2018, 10, 128. | 1.2 | 13 |
| 52 | High-Resolution Modeling of Infill Development Impact on Stormwater Dynamics in Denver, Colorado. Journal of Sustainable Water in the Built Environment, 2018, 4, . | 0.9 | 20 |
| 53 | A vision for Water Resources Research. Water Resources Research, 2017, 53, 4530-4532. | 1.7 | 0 |
| 54 | Urban Streamflow Response to Imported Water and Water Conservation Policies in Los Angeles, California. Journal of the American Water Resources Association, 2017, 53, 626-640. | 1.0 | 14 |

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|---|---|---|---|
| 55 | Water Use for Hydraulic Fracturing of Oil and Gas in the South Platte River Basin, Colorado. Journal of the American Water Resources Association, 2017, 53, 839-853. | 1.0 | 10 |
| 56 | Case Studies of a MODIS-Based Potential Evapotranspiration Input to the Sacramento Soil Moisture Accounting Model. Journal of Hydrometeorology, 2017, 18, 151-158. | 0.7 | 9 |
| 57 | Evapotranspiration Estimates Derived Using Multi-Platform Remote Sensing in a Semiarid Region. Remote Sensing, 2017, 9, 184. | 1.8 | 20 |
| 58 | Downscaling SMAP and SMOS soil moisture with moderate-resolution imaging spectroradiometer visible and infrared products over southern Arizona. Journal of Applied Remote Sensing, 2017, 11, 026021. | 0.6 | 24 |
| 59 | Assessing Satellite and Groundâ€Based Potential Evapotranspiration for Hydrologic Applications in the Colorado River Basin. Journal of the American Water Resources Association, 2016, 52, 48-66. | 1.0 | 6 |
| 60 | Wildfire, water, and society: Toward integrative research in the â€œAnthropoceneâ€• Anthropocene, 2016, 16, 16-27. | 1.6 | 34 |
| 61 | Impact of lateral flow and spatial scaling on the simulation of semiâ€arid urban land surfaces in an integrated hydrologic and land surface model. Hydrological Processes, 2016, 30, 1192-1207. | 1.1 | 8 |
| 62 | California Drought â€" What is Different Today?. Journal of Extreme Events, 2015, 02, 1502002. | 1.2 | 2 |
| 63 | Californiaâ€™s New Normal? Recurring Drought: Addressing Winners and Losers. Local Environment, 2015, 20, 850-854. | 1.1 | 7 |
| 64 | Distributed Hydrologic Modeling Using Satellite-Derived Potential Evapotranspiration. Journal of Hydrometeorology, 2015, 16, 129-146. | 0.7 | 27 |
| 65 | Are you watering your lawn?. Science, 2015, 348, 1319-1320. | 6.0 | 26 |
| 66 | Incorporating an Urban Irrigation Module into the Noah Land Surface Model Coupled with an Urban Canopy Model. Journal of Hydrometeorology, 2014, 15, 1440-1456. | 0.7 | 60 |
| 67 | Evaluating Preâ€and Postâ€Fire Peak Discharge Predictions across Western U.S. Watersheds. Journal of the American Water Resources Association, 2014, 50, 1540-1557. | 1.0 | 12 |
| 68 | Assessment of SWE data assimilation for ensemble streamflow predictions. Journal of Hydrology, 2014, 519, 2737-2746. | 2.3 | 27 |
| 69 | Chemical flushing from an urban-fringe watershed: hydrologic and riparian soil dynamics. Environmental Earth Sciences, 2014, 72, 879-889. | 1.3 | 5 |
| 70 | Seasonal controls on stream chemical export across diverse coastal watersheds in the USA. Hydrological Processes, 2013, 27, 1440-1453. | 1.1 | 7 |
| 71 | Evaluation of a MODIS triangle-based evapotranspiration algorithm for semi-arid regions. Journal of Applied Remote Sensing, 2013, 7, 073493. | 0.6 | 23 |
| 72 | Stormwater contaminant loading following southern California wildfires. Environmental Toxicology and Chemistry, 2012, 31, 2625-2638. | 2.2 | 62 |

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| 73 | Improving Spatial Soil Moisture Representation Through Integration of AMSR-E and MODIS Products. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 446-460. | 2.7 | 135 |
| 74 | Integrating hydrologic modeling and land use projections for evaluation of hydrologic response and regional water supply impacts in semi-arid environments. Environmental Earth Sciences, 2012, 65, 1671-1685. | 1.3 | 38 |
| 75 | Corruption of parameter behavior and regionalization by model and forcing data errors: A Bayesian example using the SNOW17 model. Water Resources Research, 2011, 47, . | 1.7 | 28 |
| 76 | Spatial and temporal controls on post-fire hydrologic recovery in Southern California watersheds. Catena, 2011, 87, 240-252. | 2.2 | 83 |
| 77 | Characterizing parameter sensitivity and uncertainty for a snow model across hydroclimatic regimes. Advances in Water Resources, 2011, 34, 114-127. | 1.7 | 66 |
| 78 | Climate signal propagation in southern California aquifers. Water Resources Research, 2010, 46, . | 1.7 | 29 |
| 79 | Modeling Postfire Response and Recovery using the Hydrologic Engineering Center Hydrologic Modeling System (HECâ€HMS)‹sup›1‹/sup›. Journal of the American Water Resources Association, 2009, 45, 702-714. | 1.0 | 38 |
| 80 | Linking hydrology and stream geochemistry in urban fringe watersheds. Journal of Hydrology, 2008, 360, 31-47. | 2.3 | 24 |
| 81 | Operational snow modeling: Addressing the challenges of an energy balance model for National Weather Service forecasts. Journal of Hydrology, 2008, 360, 48-66. | 2.3 | 79 |
| 82 | Evaluation of a MODIS-Based Potential Evapotranspiration Product at the Point Scale. Journal of Hydrometeorology, 2008, 9, 444-460. | 0.7 | 52 |
| 83 | Snow Model Verification Using Ensemble Prediction and Operational Benchmarks. Journal of Hydrometeorology, 2008, 9, 1402-1415. | 0.7 | 21 |
| 84 | Evaluating model performance and parameter behavior for varying levels of land surface model complexity. Water Resources Research, 2006, 42, . | 1.7 | 53 |
| 85 | A â€˜User-Friendlyâ€™ approach to parameter estimation in hydrologic models. Journal of Hydrology, 2006, 320, 202-217. | 2.3 | 49 |
| 86 | Evaluation and Transferability of the Noah Land Surface Model in Semiarid Environments. Journal of Hydrometeorology, 2005, 6, 68-84. | 0.7 | 119 |
| 87 | Intercomparison of Rain Gauge, Radar, and Satellite-Based Precipitation Estimates with Emphasis on Hydrologic Forecasting. Journal of Hydrometeorology, 2005, 6, 497-517. | 0.7 | 217 |
| 88 | A Comparison of the Triangle Retrieval and Variational Data Assimilation Methods for Surface Turbulent Flux Estimation. Journal of Hydrometeorology, 2005, 6, 1063-1072. | 0.7 | 32 |
| 89 | Regional and global hydrology and water resources issues: The role of international and national programs. Aquatic Sciences, 2002, 64, 317-327. | 0.6 | 9 |
| 90 | A Multistep Automatic Calibration Scheme for River Forecasting Models. Journal of Hydrometeorology, 2000, 1, 524-542. | 0.7 | 134 |