

ITRC (Interstate Technology & Regulatory Council). 2023. Managed Aquifer Recharge Guidance MAR-1. Washington, D.C.: Interstate Technology & Regulatory Council, MAR Team. https://mar-1.itrcweb.org/.

Ackerman, D. J. 1991. "Transmissivity of the Snake River Plain Aquifer at the Idaho National Engineering Laboratory." Report 91-4058. Idaho Falls, Idaho: U.S. Geological Survey. https://pubs.usgs.gov/wri/1991/4058/report.pdf.

Ahlfeld, David, Paul Barlow, and Ann Mulligan. 2005. "GWM—A Ground-Water Management Process for the U.S. Geological Survey Modular Ground-Water Model (MODFLOW-2000)" 1072 (January).

Aju, C.D., A.L. Achu, M.C. Raicy, and Rajesh Reghunath. 2021. "Identification of Suitable Sites and Structures for Artificial Groundwater Recharge for Sustainable Water Resources Management in Vamanapuram River Basin, South India." HydroResearch 4 (January): 24–37. https://doi.org/10.1016/j.hydres.2021.04.001.

Alam, Mohammad F., Paul Pavelic, Navneet Sharma, and Alok Sikka. 2020. "Managed Aquifer Recharge of Monsoon Runoff Using Village Ponds: Performance Assessment of a Pilot Trial in the Ramganga Basin, India." Water 12 (4). https://doi.org/10.3390/w12041028.

Alley, William, T.E. Reilly, and O.L. Franke. 1999. "Sustainability of Ground-Water Resources." U.S. Geological Survey Circular 1186 1186 (January).

Allison, E., and B. Mandler. 2018. "Using Produced Water: Recycling Oilfield Water in the Oil and Gas Industry and Beyon." American Geosciences Institute. https://www.americangeosciences.org/sites/default/files/AGI_PE_ProducedWater_web_final.pdf.

Anderson, M., W. Woessner, and R. Hunt. 2015. Applied Groundwater Modeling, Simulation of Flow and Advective Transport. 2nd ed. Elsevier.

Appelo, Tony, and Dieke Postma. 2005. "Geochemistry, Ground Water and Pollution." Geochemistry, Groundwater and Pollution, Second Edition, January. https://doi.org/10.1201/9781439833544.

Aqueous Solutions LLC. 2023. "The Geochemist's Workbench." The Geochemist's Workbench. 2023. https://www.gwb.com/.

AWWA. 2015. M63 Aquifer Storage and Recovery. Vol. 63. American Water Works Association. https://engage.awwa.org/PersonifyEbusiness/Store/Product-Details/productId/26636.

Ayers, A., Hanak, E., Gray, B., Escriva-Bou, Alvar, and G. Gartrell. 2021. "Improving California's Water Market." Public Policy Institute of California.

Ayuso-Gabella, Neus, Declan Page, Costantino Masciopinto, Avi Aharoni, Miquel Salgot, and Thomas Wintgens. 2011. "Quantifying the Effect of Managed Aquifer Recharge on the Microbiological Human Health Risks of Irrigating Crops with Recycled Water." Agricultural Water Management 99 (1): 93–102. https://doi.org/10.1016/j.agwat.2011.07.014.

Barba, Carme, Albert Folch, Nuria Gaju, X. Sanchez-Vila, Marc Carrasquilla, Alba Grau-Martínez, and Maira Martinez-Alonso. 2019. "Microbial Community Changes Induced by Managed Aquifer Recharge Activities: Linking Hydrogeological and Biological Processes." Hydrology and Earth System Sciences 23 (January): 139–54. https://doi.org/10.5194/hess-23-139-2019.

Barnett, Brian, Lloyd Townley, Vincent Post, Ray Evans, Randall Hunt, L. Peeters, Stuart Richardson, et al. 2012. Australian Groundwater Modelling Guidelines.

Beamer, Robert E., Donald R. Kendall, and Susan B. Mulligan. 2012. "Implementing an Aquifer Storage and Recovery Project." In Pipelines 2010, 93–106. https://doi.org/10.1061/41138(386)10."

Becker, Matthew, Brian Bauer, and Adam Hutchinson. 2012. "Measuring Artificial Recharge with Fiber Optic Distributed Temperature Sensing." Ground Water 51 (October). https://doi.org/10.1111/j.1745-6584.2012.01006.x.

Bedekar, Vivek, Eric D. Morway, Christian D. Langevin, and Matthew J. Tonkin. 2016. "MT3D-USGS Version 1: A U.S. Geological Survey Release of MT3DMS Updated with New and Expanded Transport Capabilities for Use with MODFLOW." Report 6-A53. Techniques and Methods. Reston, VA. USGS Publications Warehouse. https://doi.org/10.3133/tm6A53.

Bekele, Elise, Simon Toze, Bradley Patterson, Wolfgang Fegg, Mark Shackleton, and Simon Higginson. 2013. "Evaluating Two Infiltration Gallery Designs for Managed Aquifer Recharge Using Secondary Treated Wastewater." Journal of Environmental Management 117 (March): 115–20. https://doi.org/10.1016/j.jenvman.2012.12.018.

Bicknell, Jill. 2018. "Infiltration Systems: Designs and Details." Presented at the SCVURPPP GSI Details Workshop #1, April 19. http://scvurppp.org/wp-content/uploads/2018/08/GSI-Handbook-Details-Workshop-Infiltration-Systems_4-10-18.pdf.

Bilotta, John, Carrie Jennings, William Arnold, Peter Kang, Seonkyoo Yoon, Raghwendra N. Shandilya, Etienne Bresciani, et al.

2021. “Banking Groundwater – A Study Examining Aquifer Storage and Recovery for Groundwater Sustainability in Minnesota.” University of Minnesota, Water Resources Center. https://hdl.handle.net/11299/218325.

Bouwer, H., Rice, R. C., and Bouwer, E. J. 1983. “The Vadose Zone as a Wastewater Treatment System.” In , 248–62.

Bouwer, Herman. 1991. “Ground Water Recharge with Sewage Effluent.” Water Science and Technology 23 (10–12): 2099–2108. https://doi.org/10.2166/wst.1991.0666.

Bouwer, Herman. 2002. “Artificial Recharge of Groundwater: Hydrogeology and Engineering.” Hydrogeology Journal 10 (1): 121–42. https://doi.org/10.1007/s10040-001-0182-4.

Bredehoeft, John. 2003. “From Models to Performance Assessment: The Conceptualization Problem.” Ground Water 41 (September): 571–77. https://doi.org/10.1111/j.1745-6584.2003.tb02395.x.

Bredehoeft, John. 2005. “The Conceptualization Model Problem – Surprise.” Hydrogeology Journal 13 (March): 37–46. https://doi.org/10.1007/s10040-004-0430-5.

Brookes, Justin, Mike Burch, Gesche Grützmacher, and Sondra Klitzke. 2021. “Managing Cyanotoxin Risks at the Drinking-Water Offtake.” In Toxic Cyanbacteria in Water, 2nd ed., 563–89. https://doi.org/10.1201/9781003081449-9.

Brown and Caldwell. 2015. “State of the Salinas River Groundwater Basin – Hydrology Report.” Water Report. Monterey County Water Resources Agency. https://dnrweblink.state.co.us/CWCB/0/edoc/205145/SPDSS_GWmodel_TechMemo1_GloverComparisons_FINAL20171003.pdf?searchid=7e6f9626-c048-4732-903d-d475267a0f8b.

Brown and Caldwell. Technical Memorandum. 2017. “Comparison of SPDSS Alluvial Groundwater Model Results with Glover-Based Analyse,” October 3, 2017. https://dnrweblink.state.co.us/CWCB/0/edoc/205145/SPDSS_GWmodel_TechMemo1_GloverComparisons_FINAL20171003.pdf?searchid=7e6f9626-c048-4732-903d-d475267a0f8b.

Bullard, Meredith G., Mark Widdowson, Germano Salazar-Benites, Jamie Heisig-Mitchell, Andy Nelson, and Charles Bott. n.d. “Managed Aquifer Recharge: Transport and Attenuation in a Coastal Plain Aquifer.” In World Environmental and Water Resources Congress 2019, 108–20. https://doi.org/10.1061/9780784482346.011.

BWPC. 2017. “Guidance Document for the Design of Rapid Infiltration Basins.” Nevada Division of Environmental Protection Bureau of Water Pollution Control. https://ndep.nv.gov/uploads/water-wpc-resources-publications-docs/WTS-3A-RIBs_Design_GuidanceMay2017.pdf.

C Tech. 2023. “Earth Volumetric Studio.” Ctech.Com. 2023. https://www.ctech.com/products/earth-volumetric-studio/.

California Water Boards. 2021. “Aquifer Storage and Recovery – General Waste Discharge Requirements for Aquifer Storage and Recovery Projects That Inject Drinking Water into Groundwater.” California State Water Resources Control Board. June 10, 2021. https://www.waterboards.ca.gov/water_issues/programs/asr/.

Caligaris, Esteban Rafael, Margherita Agostini, and Rudy Rossetto. 2022. “Using Heat as a Tracer to Detect the Development of the Recharge Bulb in Managed Aquifer Recharge Schemes.” Hydrology 9 (January). https://doi.org/10.3390/hydrology9010014.

Camprovin, Pere, Marta Hernández, Sonia Fernández, Jordi Martín-Alonso, Belén Galofré, and José Mesa. 2017. “Evaluation of Clogging during Sand-Filtered Surface Water Injection for Aquifer Storage and Recovery (ASR): Pilot Experiment in the Llobregat Delta (Barcelona, Spain).” Water 9 (4). https://doi.org/10.3390/w9040263.

Cáñez, Tiffani T., Bo Guo, Jennifer C. McIntosh, and Mark L. Brusseau. 2021. “Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) in Groundwater at a Reclaimed Water Recharge Facility.” Science of The Total Environment 791 (October): 147906. https://doi.org/10.1016/j.scitotenv.2021.147906.

Carleton, Glen. 2010. “Simulation of Groundwater Mounding Beneath Hypothetical Stormwater Infiltration Basins,” June, 1–76.

Casanova, Joël, Nicolas Devau, and Marie Pettenati. 2016. “Managed Aquifer Recharge: An Overview of Issues and Options.” In Integrated Groundwater Management: Concepts, Approaches and Challenges, 413–34. Springer International Publishing. https://doi.org/10.1007/978-3-319-23576-9_16.

CH2M Hill. 1996. “Aquifer Storage and Recovery Facility Engineering and Feasibility Study.” Des Moines Water Works.

Chowdhury, Alivia, Madan K. Jha, and V. M. Chowdary. 2010. “Delineation of Groundwater Recharge Zones and Identification of Artificial Recharge Sites in West Medinipur District, West Bengal, Using RS, GIS and MCDM Techniques.” Environmental Earth Sciences 59 (6): 1209–22. https://doi.org/10.1007/s12665-009-0110-9.

Chung, Jae-Won, and J. David Rogers. 2013. “Influence of Assumed Groundwater Depth on Mapping Liquefaction Potential.” Environmental & Engineering Geoscience 19 (4): 377–89. https://doi.org/10.2113/gseegeosci.19.4.377.

City of Orlando. 1991. “Stormwater & Aquifer Recharge Element Support Document.” City of Orlando.

https://www.orlando.gov/files/sharedassets/public/documents/city-and-district-plans/comprehensive-plan/support-documents/stormwater-support.pdf.

Clark, J.E., D.K. Bonura, and R.F. Van Voorhees. 2005. “An Overview of Injection Well History in the United States of America.” In Developments in Water Science, edited by Chin-Fu Tsang and John A. Apps, 52:3–12. Elsevier. https://doi.org/10.1016/S0167-5648(05)52001-X.

Clement, T. Prabhakar. 1997. “A Modular Computer Code for Simulating Reactive Multi-Species Transport in 3-Dimensional Groundwater Systems.” Pacific Northwest National Laboratory. https://www.pnnl.gov/downloads-rt3d.

Coleman, C., and Colorado Foundation for Water Education. 2014. Citizen’s Guide to Colorado’s Transbasin Diversions. Colorado Foundation for Water Education. https://books.google.com/books?id=IlSvoAEACAAJ.

Colorado DWR. 2023. “Augmentation Plans.” Colorado Division of Water Resources. 2023. https://dwr.colorado.gov/services/water-administration/augmentation-plans.

Conley, E., C. R. Chambers, J. Heisig-Mitchell, D. Holloway, and R. M. Pollyea. 2022. “Utilizing Numerical Simulation to Understand the Implications of Injection-Induced Seismicity for Managed Aquifer Recharge in Coastal Virginia.” In OCEANS 2022, Hampton Roads, 1–8. https://doi.org/10.1109/OCEANS47191.2022.9977380.

Cui, Ruijuan, Declan Page, Xinqiang Du, Hexuan Zhang, and Xueyan Ye. 2023. “Effect of Iron on Biological Clogging in Porous Media: Implications for Managed Aquifer Recharge.” Hydrological Processes 37 (3): e14839. https://doi.org/10.1002/hyp.14839.

Cui, Ruijuan, Xueyan Ye, and Xinqiang Du. 2021. “Coupled Effects of Bacteria and Suspended Solids on Clogging during Managed Aquifer Recharge.” Journal of Hydrology 600 (September): 126543. https://doi.org/10.1016/j.jhydrol.2021.126543.

Dahlke, Helen, Gabriel LaHue, Marina Mautner, Nicholas Murphy, Noelle Patterson, Hannah Waterhouse, Feifan Yang, and Laura Foglia. 2018. “Managed Aquifer Recharge as a Tool to Enhance Sustainable Groundwater Management in California: Examples From Field and Modeling Studies.” In Advances in Chemical Pollution, Environmental Management and Protection, 3:215–75. https://doi.org/10.1016/bs.apmp.2018.07.003.

Dillon, Peter, William Alley, Yan Zheng, Joanne Vanderzalm, John Ward, Sharon Megdal, Wesley Hipke, Paul Thomas, David Tuthill, and Ronald Carlson. 2022. Managed Aquifer Recharge: Overview and Governance. https://recharge.iah.org/files/2022/06/MAR-overview-and-governance-IAH-Special-Publication-18June2022.pdf.

Dillon, Peter, Enrique Escalante, Sharon Megdal, and Gudrun Massmann. 2021. Managed Aquifer Recharge for Water Resilience. https://doi.org/10.3390/books978-3-03943-043-7.

Dillon, Peter, Paul Pavelic, Declan Page, Helen Beringen, and John Ward. 2009. “Managed Aquifer Recharge: An Introduction.” 13. Waterlines Report Series. National Water Commision. https://recharge.iah.org/files/2016/11/MAR_Intro-Waterlines-2009.pdf.

Doherty, J. 2015. Calibration and Uncertainty Analysis for Complex Environmental Models. Blurb, Incorporated. https://books.google.com/books?id=6AvNsgEACAAJ.

Douglas, Erin, and Dylan Baddour. 2022. “Texas Oil and Gas Agency Investigating 5.4 Magnitude Earthquake in West Texas, the Largest in Three Decades.” The Texas Tribune, November 18, 2022. https://www.texastribune.org/2022/11/18/texas-earthquake-fracking-railroad-commission/.

Drewes, Jörg E. 2009. “Ground Water Replenishment with Recycled Water—Water Quality Improvements during Managed Aquifer Recharge.” Groundwater 47 (4): 502–5. https://doi.org/10.1111/j.1745-6584.2009.00587_5.x.

DWR. 1959. “Report on Proposed Central and West Basin Water Replenishment District.” California Department of Water Resources.

DWR. 2023. “Sustainable Groundwater Management Act (SGMA).” California Department of Water Resources. 2023. https://water.ca.gov/Programs/Groundwater-Management/SGMA-Groundwater-Management.

Dziura, T. 2022. “Evaluation of Contaminant Removal Through Soil Aquifer Treatment by a Lab Scale Soil Column Experiment Including a Trace Contaminant Spike Test.” Masters Thesis, Virginia Tech. https://vtechworks.lib.vt.edu/bitstream/handle/10919/106699/Dziura_TM_T_2020.pdf.

Edwards, E., B. Washburn, and B. Lock. 2017. “Dry Wells for Stormwater Management, Wells Used to Drain Stormwater and Recharge Groundwater Supplies.” Fact Sheet. American Geosciences Institute. September 2017. https://www.americangeosciences.org/sites/default/files/CI_Factsheet_2017_4_drywellbasics_170906.pdf.

Edwards, Emily C., Thomas Harter, Graham E. Fogg, Barbara Washburn, and Hamad Hamad. 2016. “Assessing the Effectiveness of Drywells as Tools for Stormwater Management and Aquifer Recharge and Their Groundwater Contamination Potential.” Journal of Hydrology 539 (August): 539–53. https://doi.org/10.1016/j.jhydrol.2016.05.059.

Edwards, Emily C., Connie Nelson, Thomas Harter, Chris Bowles, Xue Li, Bennett Lock, Graham E. Fogg, and Barbara S.

Washburn. 2022. “Potential Effects on Groundwater Quality Associated with Infiltrating Stormwater through Dry Wells for Aquifer Recharge.” Journal of Contaminant Hydrology 246 (April): 103964. https://doi.org/10.1016/j.jconhyd.2022.103964.

Eggleston, John, and Jason P. Pope. 2013. “Land Subsidence and Relative Sea-Level Rise in the Southern Chesapeake Bay Region.” U.S. Geological Survey. https://pubs.usgs.gov/circ/1392/pdf/circ1392.pdf.

EVGMAC. 2017. “Report to the Virginia Department of Environmental Quality and the Virginia General Assembly.” Eastern Virginia Groundwater Management Advisory Committee. https://www.deq.virginia.gov/home/showpublisheddocument/6884/637514840103430000.

Fakhreddine, Sarah, Jessica Dittmar, Don Phipps, Jason Dadakis, and Scott Fendorf. 2015. “Geochemical Triggers of Arsenic Mobilization during Managed Aquifer Recharge.” Environmental Science & Technology 49 (13): 7802–9. https://doi.org/10.1021/acs.est.5b01140.

Fakhreddine, Sarah, Henning Prommer, Steven M. Gorelick, Jason Dadakis, and Scott Fendorf. 2020. “Controlling Arsenic Mobilization during Managed Aquifer Recharge: The Role of Sediment Heterogeneity.” Environmental Science & Technology 54 (14): 8728–38. https://doi.org/10.1021/acs.est.0c00794.

Fakhreddine, Sarah, Henning Prommer, Bridget Scanlon, Samantha Ying, and Jean-Philippe Nicot. 2021. “Mobilization of Arsenic and Other Naturally Occurring Contaminants during Managed Aquifer Recharge: A Critical Review.” Environmental Science & Technology 55 (January). https://doi.org/10.1021/acs.est.0c07492.

Feulner, Alvin J. 1964. “Galleries and Their Use for Development of Shallow Ground-Water Supplies, with Special Reference to Alaska.” Report 1809E. Water Supply Paper. USGS Publications Warehouse. https://doi.org/10.3133/wsp1809E.

Fischler, Cindy, Paul Hansard, and Michelle Ladle. 2015. “A Review of Selected Florida Aquifer Storage and Recovery (ASR) Sites and Their Geochemical Characteristics,” July.

Freeze, R.A., and J.A. Cherry. 1979. Groundwater. Englewood Cliffs, New Jersey 07632: Prentice-Hall, Inc. https://www.un-igrac.org/sites/default/files/resources/files/Groundwater%20book%20-%20English.pdf.

Frei, S., J.H. Fleckenstein, S.J. Kollet, and R.M. Maxwell. 2009. “Patterns and Dynamics of River–Aquifer Exchange with Variably-Saturated Flow Using a Fully-Coupled Model.” Journal of Hydrology 375 (3): 383–93. https://doi.org/10.1016/j.jhydrol.2009.06.038.

Gambolati, G., and Pietro Teatini. 2021. Land Subsidence and Its Mitigation. https://doi.org/10.21083/978-1-77470-001-3.

Ganot, Y., R. Holtzman, N. Weisbrod, A. Russak, Y. Katz, and D. Kurtzman. 2018. “Geochemical Processes During Managed Aquifer Recharge With Desalinated Seawater.” Water Resources Research 54 (2): 978–94. https://doi.org/10.1002/2017WR021798.

Ganot, Yonatan, Ran Holtzman, Noam Weisbrod, Ido Nitzan, Yoram Katz, and Daniel Kurtzman. 2016. “Monitoring and Modeling Infiltration-Recharge Dynamics of Managed Aquifer Recharge with Desalinated Seawater.” Hydrology and Earth System Sciences Discussions, November, 1–23. https://doi.org/10.5194/hess-2016-613.

Gerenday, Sarah P., Jordan F. Clark, Jeffrey Hansen, Ida Fischer, and John Koreny. 2020. “Sulfur Hexafluoride and Potassium Bromide as Groundwater Tracers for Managed Aquifer Recharge.” Groundwater 58 (5): 777–87. https://doi.org/10.1111/gwat.12983.

Gibson, Maria T., and Michael E. Campana. 2014. “A Desktop Suitability Assessment of Aquifer Storage and Recovery (ASR) in Washington State.” Oregon State University, College of Earth, Ocean, and Atmospheric Sciences. https://appswr.ecology.wa.gov/docs/WaterRights/wrwebpdf/WAASRReportMTG.pdf.

Godwin, I.A., M.L. Reba, D.L. Leslie, R.F. Adams, and J.R. Rigby. 2022. “Feasibility of Farm-Scale Infiltration Galleries for Managed Aquifer Recharge in an Agricultural Alluvial Aquifer of Northeast Arkansas.” Agricultural Water Management 264 (April): 107531. https://doi.org/10.1016/j.agwat.2022.107531.

Goebel, Meredith, and Rosemary Knight. 2021. “Recharge Site Assessment through the Integration of Surface Geophysics and Cone Penetrometer Testing.” Vadose Zone Journal 20 (4): e20131. https://doi.org/10.1002/vzj2.20131.

GoldSim Technology Group. 2023. “GoldSim.” GoldSim. 2023. https://www.goldsim.com/Web/Products/GoldSim/Overview/.

Gorski, Galen, Hannah Dailey, Andrew T. Fisher, Nicole Schrad, and Chad Saltikov. 2020. “Denitrification during Infiltration for Managed Aquifer Recharge: Infiltration Rate Controls and Microbial Response.” Science of The Total Environment 727 (July): 138642. https://doi.org/10.1016/j.scitotenv.2020.138642.

Graf, Chuck. 2015. “Dry Wells for Stormwater Management: An Evolving Viewpoint.” Arizona Water Resource, Spring 2015.

Guo, Weixing, and C.D. Langevin. 2002. “User’s Guide to SEAWAT; a Computer Program for Simulation of Three-Dimensional Variable-Density Ground-Water Flow.” Report 06-A7. Supersedes OFR 01-434. Techniques of Water-Resources Investigations. USGS Publications Warehouse. https://doi.org/10.3133/twri06A7.

Hantush, Mahdi S. 1967. “Growth and Decay of Groundwater-Mounds in Response to Uniform Percolation.” Water Resources

Research 3 (1): 227–34. https://doi.org/10.1029/WR003i001p00227.

Heywood, Charles E., and Jason P. Pope. 2009. “Simulation of Groundwater Flow in the Coastal Plain Aquifer System of Virginia.” Report 2009–5039. Scientific Investigations Report. USGS Publications Warehouse. https://doi.org/10.3133/sir20095039.

Hillsborough County. 2023. “Aquifer Recharge Projects.” Hillsborough County, Florida Highlighted CIP Projects. 2023. https://www.hillsboroughcounty.org/en/government/county-projects/highlighted-cip-projects/aquifer-recharge-projects.

Hipke, Wesley, Paul Thomas, and Noah Stewart-Maddox. 2022. “Idaho’s Eastern Snake Plain Aquifer Managed Aquifer Recharge Program.” Groundwater 60 (5): 648–54. https://doi.org/10.1111/gwat.13214.

Hoffmann, Anja, and Günter Gunkel. 2011. “Bank Filtration in the Sandy Littoral Zone of Lake Tegel (Berlin): Structure and Dynamics of the Biological Active Filter Zone and Clogging Processes.” Limnologica 41 (1): 10–19. https://doi.org/10.1016/j.limno.2009.12.003.

Horick, P. J., and W. L Steinhilber. 1978. “Jordan Aquifer of Iowa. Miscellaneous Map Series 6.” Iowa Geological Survey.

HRSD. 2020. “HRSD James River SWIFT Permit Application – Part 2.” https://www.epa.gov/system/files/documents/2022-06/HRSD_Permit_Application_Part2.pdf.

Hutchinson, A., Banerjee, M, and Milczarek, M. 2013. “Clogging Phenomena Related to Surface Water Recharge.” In Clogging Issues Associated with Managed Aquifer Recharge Methods, 95–107. Australia: IAH Commission on Managing Aquifer Recharge,. https://recharge.iah.org/files/2015/03/Clogging_Monograph.pdf.

Hutchinson, Adam, Grisel Rodriguez, Greg Woodside, and Michael Milczarek. 2017. “Maximizing Infiltration Rates by Removing Suspended Solids: Results of Demonstration Testing of Riverbed Filtration in Orange County, California †.” Water 9 (February): 119. https://doi.org/10.3390/w9020119.

Hyun-Chul Kim, Won Mo Lee, Seunghak Lee, Jaewon Choi, and Sung Kyu Maeng. 2017. “Characterization of Organic Precursors in DBP Formation and AOC in Urban Surface Water and Their Fate during Managed Aquifer Recharge.” Water Research 123 (October): 75–85. https://doi.org/10.1016/j.watres.2017.06.038.

IDS Group. 2013. “IDS AWAS – Alluvial Water Accounting System.” Colorado State University. 2013. http://www.ids.colostate.edu/projects.php?project=awas/awas.html.

Imig, Anne, Zsóka Szabó, Olha Halytsia, Maria Vrachioli, Verena Kleinert, and Arno Rein. 2022. “A Review on Risk Assessment in Managed Aquifer Recharge.” Integrated Environmental Assessment and Management 18 (January). https://doi.org/10.1002/ieam.4584.

Izuka, Scot K. 2011. “Potential Effects of Roadside Dry Wells on Groundwater Quality on the Island of Hawai’i — Assessment Using Numerical Groundwater Models.” Report 2011–5072. Scientific Investigations Report. USGS Publications Warehouse. https://doi.org/10.3133/sir20115072.

James, Ian. 2023. “Flush with Rain, California Plans to Replenish Drought-Depleted Groundwater with Floodwaters.” Los Angeles Times, March 11, 2023. https://www.latimes.com/environment/story/2023-03-11/california-will-use-floodwater-to-recharge-groundwater.

Johnson, Ted. 2007. “Battling Seawater Intrusion in the Central & West Coast Basins (Technical Bulletin, Volume 13).” Water Replenishment District of Southern California. https://www.wrd.org/files/692a88b0a/TB13+-+Battling+Seawater+Intrusion+in+the+Central+%26+West+Coast+Basins.pdf.

Johnston, K., M. Martin, and S. Higginson. 2013. “Case Study: Recharge of Potable and Tertiary-Treated Wastewater into a Deep, Confined Sandstone Aquifer in Perth, Western Australia.” In Clogging Issues Associated with Managed Aquifer Recharge Methods, 174–83. IAH Commission on Managing Aquifer Recharge. https://recharge.iah.org/files/2015/03/Clogging_Monograph.pdf.

Jokela, Petri, Tapani Eskola, Timo Heinonen, Unto Tanttu, Jukka Tyrväinen, and Aki Artimo. 2017. “Raw Water Quality and Pretreatment in Managed Aquifer Recharge for Drinking Water Production in Finland.” Water 9 (February): 138. https://doi.org/10.3390/w9020138.

Jordan, Rob. 2016. “Freshwater Vulnerability Threatens Developing Nations’ Stability, Stanford Researchers Find.” Stanford New Service, January 11, 2016. https://news.stanford.edu/press-releases/2016/01/11/pr-water-vulnerability-report-011116/#:~:text=Among%20its%20striking%20findings%3A,water%20development%20projects%20and%20regulation.

Katie Guerra, Katharine Dahm, and Steve Dundorf. 2011. “Oil and Gas Produced Water Management and Beneficial Use in the Western United States.” Report 157. U.S. Department of Interior Bureau of Reclamation. https://www.usbr.gov/research/dwpr/reportpdfs/report157.pdf.

Kiparsky, M., Fisher, A.T., A.T., Hanemann, Bowie, J., Kantor, R., Coburn, C, and B. Lockwood. 2018. “Recharge Net Metering to Enhance Groundwater Sustainability.” Berkeley Law/Wheeler Water Institute at CLEE. https://www.law.berkeley.edu/wp-content/uploads/2018/04/CLEE_ReNeM_IssueBrief.pdf.

Kiparsky, Michael, Kathleen Miller, William Blomquist, Annapurna Holtzapple, and Anita Milman. 2021. “Groundwater Recharge to Address Seawater Intrusion and Supply in an Urban Coastal Aquifer: Orange County Water District, Orange County, California.” Case Studies in the Environment 5 (1): 1223118. https://doi.org/10.1525/cse.2021.1223118.

Kirk Engineering & Natural Resource, Inc. 2015a. “Water Supply Report Series I – Attachment 1 Modeling Report.” RFP#145041FSU. Sheridan & Missoula, Montana: Clark Fork River Basin Task Force and Montana DNRC. https://dnrc.mt.gov/_docs/water/Hydro_science_data/clark_fork_water_supply_report_1_modeling_attachment.pdf.

Kirk Engineering & Natural Resource, Inc. 2015b. “Water Supply Report Series I Water Availability and Mitigation Options in the Clark Fork Basin.” RFP#145041FSU. Sheridan & Missoula, Montana: Clark Fork River Basin Task Force and Montana DNRC. https://dnrc.mt.gov/_docs/water/Hydro_science_data/clark_fork_water_supply_report_1_water_availability1.pdf.

Kirk, Robert W. Van, Bryce A. Contor, Christina N. Morrisett, Sarah E. Null, and Ashly S. Loibman. 2020. “Potential for Managed Aquifer Recharge to Enhance Fish Habitat in a Regulated River.” Water 12 (3). https://doi.org/10.3390/w12030673.

Kjelstrom, L. C. 1995. “Streamflow Gains and Losses in the Snake River and Ground-Water Budgets for the Snake River Plain, Idaho and Eastern Oregon.” Report 1408C. Professional Paper. USGS Publications Warehouse. https://doi.org/10.3133/pp1408C.

KRCD. 2021. “Kings Subbasin Builds for Drought Resilience at Record Pace.” Kings River Conservation District Subbasin Coordinated Group. November 12, 2021. https://storymaps.arcgis.com/stories/215f23039c0341e9b4d9bcd7fc125f80.

Kuntz, Mel A., Harry R. Covington, and Linda J. Schorr. 1992. “Chapter 12: An Overview of Basaltic Volcanism of the Eastern Snake River Plain, Idaho.” Geological Society of America Memoirs 179: 227–68.

Kurki, Vuokko, and Tapio S. Katko. 2015. “Groundwater as a Source of Conflict and Cooperation: Towards Creating Mutual Gains in a Finnish Water Supply Project.” Water Alternatives, 2015.

Kuster, Marina, Silvia Díaz-Cruz, Mònica Rosell, Miren López de Alda, and Damià Barceló. 2010. “Fate of Selected Pesticides, Estrogens, Progestogens and Volatile Organic Compounds during Artificial Aquifer Recharge Using Surface Waters.” Chemosphere 79 (8): 880–86. https://doi.org/10.1016/j.chemosphere.2010.02.026.

Lacombe, P.J. 1996. “Artificial Recharge of Ground Water by Well Injection for Storage and Recovery, Cape May County, New Jersey, 1958-92.” Report 96–313. Open-File Report. USGS Publications Warehouse. https://doi.org/10.3133/ofr96313.

Lambie, J. 2020. “Mustang Creek Watershed Proposed Drywell Pilot Study of Enhanced Groundwater Recharge.” Unpublished. https://sgma.water.ca.gov/portal/gsp/preview/110.

Lamontagne, Sébastien, Andrew Taylor, P. Cook, Russell Crosbie, R. Brownbill, R. Williams, and Philip Brunner. 2014. “Field Assessment of Surface Water-Groundwater Connectivity in a Semi-Arid River Basin (Murray-Darling, Australia).” Hydrological Processes 28 (February). https://doi.org/10.1002/hyp.9691.

Landmeyer, James, Paul Bradley, and James Thomas. 2007. “Biodegradation of Disinfection Byproducts as a Potential Removal Process during Aquifer Storage Recovery.” JAWRA Journal of the American Water Resources Association 36 (June): 861–67. https://doi.org/10.1111/j.1752-1688.2000.tb04312.x.

Langevin, Christian D., Joseph D. Hughes, Edward R. Banta, Richard G. Niswonger, Sorab Panday, and Alden M. Provost. 2017. “Documentation for the MODFLOW 6 Groundwater Flow Model.” Report 6-A55. Techniques and Methods. Reston, VA. USGS Publications Warehouse. https://doi.org/10.3133/tm6A55.

Levintal, Elad, Maribeth L. Kniffin, Yonatan Ganot, Nisha Marwaha, Nicholas P. Murphy, and Helen E. Dahlke. 2023. “Agricultural Managed Aquifer Recharge (Ag-MAR)—a Method for Sustainable Groundwater Management: A Review.” Critical Reviews in Environmental Science and Technology 53 (3): 291–314. https://doi.org/10.1080/10643389.2022.2050160.

Liang, Xiuyu, Hongbin Zhan, and You-Kuan Zhang. 2018. “Aquifer Recharge Using a Vadose Zone Infiltration Well.” Water Resources Research 54 (11): 8847–63. https://doi.org/10.1029/2018WR023409.

Liu, Dan, Xiujuan Liang, Wenjing Zhang, Zhuo Wang, Tianyi Ma, Fulin Li, and Xuequn Chen. 2018. “Formation and Transformation of Chloroform during Managed Aquifer Recharge (MAR).” Journal of Environmental Management 219 (August): 304–15. https://doi.org/10.1016/j.jenvman.2018.04.113.

Lock, Bennett, Emily Edwards, and Barbara Washburn. 2017. “Dry Well Usage across the United States, How Stormwater Drainage Wells Are Used and Regulated in Different State.” Fact Sheet. American Geosciences Institute. September 7, 2017. https://www.americangeosciences.org/geoscience-currents/dry-well-usage-across-united-states.

Lolcama, Jim L., Philip E. Gauffreau, Ryan T. Walters, and Paul A. Fry. 2015. “Hydrogeologic Testing, Engineering, and Start-Up of a Gravity Drain System.” In Low Impact Development Technology: Design Methods and Case Studies, 159–69.

Proceedings. https://doi.org/10.1061/9780784413883.

Los Angeles County Public Works. 2023. “San Gabriel River and Montebello Forebay Water Conservation System.” Los Angeles County Public Works. 2023. https://pw.lacounty.gov/wrd/publication/system/.

LRE Water. 2021. “Terry Ranch Aquifer Characterization Study.” LRE Water. February 8, 2021. https://storymaps.arcgis.com/stories/5c6250273ba0494d9bb90c4c80df2887.

Luxem, Katja. 2017. “Managed Aquifer Recharge: A Tool to Replenish Aquifers and Increase Underground Water Storage.” American Geosciences Institute. https://www.americangeosciences.org/sites/default/files/CI_Factsheet_2017_6_MAR_170921.pdf.

Maeng, Sung Kyu, Saroj K. Sharma, Karin Lekkerkerker-Teunissen, and Gary L. Amy. 2011. “Occurrence and Fate of Bulk Organic Matter and Pharmaceutically Active Compounds in Managed Aquifer Recharge: A Review.” Water Research 45 (10): 3015–33. https://doi.org/10.1016/j.watres.2011.02.017.

Maliva, Robert. 2020. Anthropogenic Aquifer Recharge: WSP Methods in Water Resources Evaluation Series No. 5. https://doi.org/10.1007/978-3-030-11084-0.

Maliva, Robert, and Thomas Missimer. 2010. Aquifer Storage and Recovery and Managed Aquifer Recharge Using Wells: Planning, Hydrogeology, Design, and Operation.

Martin, R. 2013. “Clogging Issues Associated with Managed Aquifer Recharge Methods.” IAH Commission on Managing Aquifer Recharge. https://recharge.iah.org/files/2015/03/Clogging_Monograph.pdf.

Martinez, Meredith B., Mark A. Widdowson, Charles Bott, Dan Holloway, Jamie Heisig-Mitchell, and Christopher Wilson. 2022. “Demonstration of Managed Aquifer Recharge in a Coastal Plain Aquifer: Lessons Learned.” Groundwater 60 (5): 668–74. https://doi.org/10.1111/gwat.13197.

Mawer, Chloe, Andrew Parsekian, Adam Pidlisecky, and Rosemary Knight. 2016. “Characterizing Heterogeneity in Infiltration Rates During Managed Aquifer Recharge.” Groundwater 54 (6): 818–29. https://doi.org/10.1111/gwat.12423.

Mayuga, M. N. and Allen, D. R. 1969. “Subsidence in the Wilmington Oil Field, Long Beach, Calif., USA.” IAHS-AISH, 1969.

McCurry, Gordon, and David Pyne. 2022. “Planning for Managed Aquifer Recharge Projects.” Groundwater 60 (5): 583–90. https://doi.org/10.1111/gwat.13226.

McFarland, Randolph E., and Bruce T. Scott. 2006. “The Virginia Coastal Plain Hydrogeologic Framework.” Report 1731. Professional Paper. USGS Publications Warehouse. https://doi.org/10.3133/pp1731.

Medina, Ricardo, Christine Pham, Megan H. Plumlee, Adam Hutchinson, Matthew W. Becker, and Patrick J. O’Connell. 2020. “Distributed Temperature Sensing to Measure Infiltration Rates Across a Groundwater Recharge Basin.” Groundwater 58 (6): 913–23. https://doi.org/10.1111/gwat.13007.

Miller, Kathleen, Andrew T. Fisher, and Michael Kiparsky. 2021. “Incentivizing Groundwater Recharge in the Pajaro Valley Through Recharge Net Metering (ReNeM).” Case Studies in the Environment 5 (1): 1222393. https://doi.org/10.1525/cse.2021.1222393.

Milman, Anita, Kristen Bylo, and William Blomquist. 2021. “Groundwater Recharge to Support Wildlife and Water Users: The Heyborne Ponds Project, Sedgwick County, Colorado.” Water Management, Science and Technology, no. Special Collection: Institutional Dimensions of Groundwater Recharge: 10.

Mirecki, June E. 2022. “Aquifer Storage and Recovery (ASR) for Ecosystem Restoration: Kissimmee River ASR System, Florida.” Groundwater 60 (5): 655–61. https://doi.org/10.1111/gwat.13231.

Mirecki, June E., Michael W. Bennett, and Marie C. López-Baláez. 2013. “Arsenic Control During Aquifer Storage Recovery Cycle Tests in the Floridan Aquifer.” Groundwater 51 (4): 539–49. https://doi.org/10.1111/j.1745-6584.2012.01001.x.

Monterey County Water Resources Agency. 2023a. “Monterey County Water Recycling Projects (CSIP/SVRP).” Monterey County Water Resources Agency. 2023. https://www.co.monterey.ca.us/government/government-links/water-resources-agency/projects-facilities/castroville-seawater-intrusion-project-salinas-valley-reclamation-project-csip-svip.

Monterey County Water Resources Agency. 2023b. “Quarterly Salinas Valley Water Conditions.” Monterey County Water Resources Agency. 2023. https://www.co.monterey.ca.us/government/government-links/water-resources-agency/documents/quarterly-salinas-valley-water-conditions.

Morrison, K. H. 2022. Personal Communications with SAWS Project Coordinator.

Mosher, Jeffrey J., and Gina Melin Vartanian. 2015. “Framework for Direct Potable Reuse.” WateReuse. https://watereuse.org/wp-content/uploads/2015/09/14-20.pdf.

National Research Council. 2008. Prospects for Managed Underground Storage of Recoverable Water. Washington, DC: The National Academies Press. https://doi.org/10.17226/12057.

National Research Council. 2010. Management and Effects of Coalbed Methane Produced Water in the Western United States. Washington, DC: The National Academies Press. https://doi.org/10.17226/12915.

NGWA. 2023. “Managed Aquifer Recharge.” National Groundwater Association. 2023. https://www.ngwa.org/what-is-groundwater/groundwater-issues/managed-aquifer-recharge.

Nicholson, Craig, and Robert L. Wesson. 1990. “Earthquake Hazard Associated With Deep Well Injection, A Report to the United States Environmental Protection Agency.” Bulletin 1951. United States Geological Survey. https://pubs.usgs.gov/bul/1951/report.pdf.

Nicolas, Madeleine, Olivier Bour, Adrien Selles, Benoit Dewandel, Vincent Bailly-Comte, Subash Chandra, Shakeel Ahmed, and Jean-Christophe Maréchal. 2019. “Managed Aquifer Recharge in Fractured Crystalline Rock Aquifers: Impact of Horizontal Preferential Flow on Recharge Dynamics.” Journal of Hydrology 573 (June): 717–32. https://doi.org/10.1016/j.jhydrol.2019.04.003.

NJDEP. 2021. “NJ Stormwater Best Management Practices Manual.” NJ Department of Environmental Protection. https://nj.gov/dep/stormwater/bmp_manual2.htm.

Nylen, Nell Green. 2021. “Surface Water Quality Regulation as a Driver for Groundwater Recharge: The Case of Virginia’s Sustainable Water Initiative for Tomorrow.” Case Studies in the Environment 5 (1): 1124592. https://doi.org/10.1525/cse.2020.1124592.

O’Connell, Patrick James. 2019. “Differentiating Clogging and Mounding Using Distributed Temperature Sensing.” Thesis/Dissertation, California State University. https://www.proquest.com/openview/b1ff0f268102179676186ee6215a62d6/1?pq-origsite=gscholar&cbl=18750&diss=y.

OCWD. 2021. “Orange County Water District Surface Recharge System Operations Manual.” Orange County Water District. https://www.ocwd.com/wp-content/uploads/surface-recharge-operations-manual-ii-edition-4-12-21.pdf.

Page, Declan, Peter Dillon, Joanne Vanderzalm, Simon Toze, Jatinder Sidhu, Karen Barry, Kerry Levett, Sarah Kremer, and Rudi Regel. 2010. “Risk Assessment of Aquifer Storage Transfer and Recovery with Urban Stormwater for Producing Water of a Potable Quality.” Journal of Environmental Quality 39 (6): 2029–39. https://doi.org/10.2134/jeq2010.0078.

Page, Declan, Joanne Vanderzalm, Karen Barry, Saeed Torkzaban, Dennis Gonzalez, and Peter Dillon. 2015. “E. Coli and Turbidity Attenuation during Urban Stormwater Recycling via Aquifer Storage and Recovery in a Brackish Limestone Aquifer.” Ecological Engineering 84 (November): 427–34. https://doi.org/10.1016/j.ecoleng.2015.09.023.

Page, Declan, Joanne Vanderzalm, Anupama Kumar, Ka Yu Cheng, Anna Kaksonen, and Stuart Simpson. 2019. “Risks of Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) for Sustainable Water Recycling via Aquifers.” Water 11 (August): 1737. https://doi.org/10.3390/w11081737.

Pajaro Valley Water Management Agency. 2018. “Recharge Basin Hydrogelologic Study.” Pajaro Valley Water Management Agency. https://www.pvwater.org/images/Resources/Hydrology/Recharge_Basin_Hydrogeologic_Study_October_2018_Final_rev2020.pdf.

Panday, Sorab. 2023. “USG-Transport Version 2.1.0: Transport and Other Enhancements to MODFLOW-USG.” GSI Environmental. http://www.gsi-net.com/en/software/free-software/USG-Transport.html.

Panday, Sorab, Christian D. Langevin, Richard G. Niswonger, Motomu Ibaraki, and Joseph D. Hughes. 2013. “MODFLOW–USG Version 1: An Unstructured Grid Version of MODFLOW for Simulating Groundwater Flow and Tightly Coupled Processes Using a Control Volume Finite-Difference Formulation.” Report 6-A45. Techniques and Methods. Reston, VA. USGS Publications Warehouse. https://doi.org/10.3133/tm6A45.

Parker, Timothy K., William M. Alley, and Charles A. Job. 2022. “Managed Aquifer Recharge: A Proven Technology for Water Supply Resilience.” Groundwater 60 (5): 577–78. https://doi.org/10.1111/gwat.13222.

Parkhurst, David L., and C.A.J. Appelo. 2013. “Description of Input and Examples for PHREEQC Version 3: A Computer Program for Speciation, Batch-Reaction, One-Dimensional Transport, and Inverse Geochemical Calculations.” Report 6-A43. Techniques and Methods. Reston, VA. USGS Publications Warehouse. https://doi.org/10.3133/tm6A43.

Pavelic, Paul, Brenton C. Nicholson, Peter J. Dillon, and Karen E. Barry. 2005. “Fate of Disinfection By-Products in Groundwater during Aquifer Storage and Recovery with Reclaimed Water.” Journal of Contaminant Hydrology 77 (4): 351–73. https://doi.org/10.1016/j.jconhyd.2005.04.001.

Pearce, M.S., M.W. Waldron, and L.E. Horvath. 2009. “City of DeLand Airport ASR Program, Mini-Scale Pilot Test of Deoxygenation Using Sulfides.” Technical Memorandum. Prepared for the St. Johns River Water Management District.

Pi, Nelson, Ary Ashoor, and Barbara Washburn. Undated. “Dry Wells Uses, Regulations, and Guidlines in California and Elsewhere.” California Office of Environmental Health Hazard Assessment. https://www.elkgrovecity.org/sites/default/files/city-files/Departments/Public%20Works/Drainage/Dry%20Wells/Fact%20Sheet%20Dry%20Well%20Uses%20Regulations.pdf.

Poeter, E., J. McCray, G. Thyne, and R Siegrist. 2005. “Guidance for Evaluation of Potential Groundwater Mounding Associated with Cluster and High-Density Wastewater Soil Absorption Systems.” International Groundwater Modeling Center. https://decentralizedwater.waterrf.org/documents/wu-ht-02-45/wuht0245_electronic.pdf.

Poeter, Eileen E., Mary C. Hill, Edward R. Banta, Steffen Mehl, and Steen Christensen. 2005. “UCODE_2005 and Six Other Computer Codes for Universal Sensitivity Analysis, Calibration, and Uncertainty Evaluation Constructed Using the JUPITER API.” Report 6-A11. Techniques and Methods. USGS Publications Warehouse. https://doi.org/10.3133/tm6A11.

Poland, Joseph Fairfield. 1984. “Guidebook to Studies of Land Subsidence Due to Ground-Water Withdrawal.” International Hydrological Programme, Working Group 8.4. https://wwwrcamnl.wr.usgs.gov/rgws/Unesco/PDF-Chapters/Guidebook.pdf.

Pollock, David W. 1989. “Documentation of Computer Programs to Compute and Display Pathlines Using Results from the U.S. Geological Survey Modular Three-Dimensional Finite-Difference Ground-Water Flow Model.” Report 89–381. Open-File Report. USGS Publications Warehouse. https://doi.org/10.3133/ofr89381.

Pollock, David W. 2016. “User Guide for MODPATH Version 7—A Particle-Tracking Model for MODFLOW.” Report 2016–1086. Open-File Report. Reston, VA. USGS Publications Warehouse. https://doi.org/10.3133/ofr20161086.

Pyne, R. David G. 1995. Groundwater Recharge and Wells: A Guide to Aquifer Storage Recovery. 1st Edition. CRC Press. https://doi.org/10.1201/9780203719718.

Pyne, R. David G. 2005. Aquifer Storage and Recovery: A Guide to Groundwater Recharge through Wells. 2nd Edition. ASR Press. https://www.amazon.com/Aquifer-Storage-Recovery-Groundwater-Recharge/dp/0977433706.

Pyne, R. David, Singer, Philip C, and Miller, Cass T. 1996. Aquifer Storage Recovery of Treated Drinking Water. American Water Works Association Research Foundation. https://books.google.com/books?id=l9loInFn98cC&printsec=frontcover&source=gbs_ge_summary_r&cad=0#v=onepage&q&f=false.

Racz, Andrew, Andrew Fisher, Calla Schmidt, Brian Lockwood, and Marc Los Huertos. 2011. “Spatial and Temporal Infiltration Dynamics During Managed Aquifer Recharge.” Ground Water 50 (November): 562–70. https://doi.org/10.1111/j.1745-6584.2011.00875.x.

Rancilio, J. A. 1977. “Injection Well Operation and Maintenance.” In International Association of Hydrological Sciences Proceedings of the Anaheim Symposium, Publication No 121:325–33. Anaheim, California: International Association of Hydrological Sciences. https://iahs.info/uploads/dms/4926.325-333-121-Rancilio.pdf.

Regnery, Julia, Charles P. Gerba, Eric R. V. Dickenson, and Jörg E. Drewes. 2017. “The Importance of Key Attenuation Factors for Microbial and Chemical Contaminants during Managed Aquifer Recharge: A Review.” Critical Reviews in Environmental Science and Technology 47 (15): 1409–52. https://doi.org/10.1080/10643389.2017.1369234.

Reilly, Thomas E., and Arlen W. Harbaugh. 2004. “Guidelines for Evaluating Ground-Water Flow Models.” Report 2004–5038. Scientific Investigations Report. USGS Publications Warehouse. https://doi.org/10.3133/sir20045038.

Rinck-Pfeiffer, S, C Pitman, and P Dillon,. 2005. “Stormwater ASR in Practice and ASTR (Aquifer Storage Transfer and Recovery) under Investigation in Salisbury, South Australia.” In Recharge Systems for Protecting and Enhancing Groundwater Resources, 9. Berlin. http://hdl.handle.net/102.100.100/181987?index=1.

Ringleb, Jana, Jana Sallwey, and Catalin Stefan. 2016. “Assessment of Managed Aquifer Recharge through Modeling—A Review.” Water 8 (12). https://doi.org/10.3390/w8120579.

Ross, Andrew. 2022. “Benefits and Costs of Managed Aquifer Recharge: Further Evidence.” Water 14 (20). https://doi.org/10.3390/w14203257.

Ross, Andrew, and Sunail Hasnain. 2018. “Factors Affecting the Cost of Managed Aquifer Recharge (MAR) Schemes.” Sustainable Water Resources Management 4 (2): 179–90. https://doi.org/10.1007/s40899-017-0210-8.

Russo, Tess A., Andrew T. Fisher, and Brian S. Lockwood. 2015. “Assessment of Managed Aquifer Recharge Site Suitability Using a GIS and Modeling.” Groundwater 53 (3): 389–400. https://doi.org/10.1111/gwat.12213.

Sasidharan, Salini, Scott A. Bradford, Jiří Šimůnek, Saeed Torkzaban, and Joanne Vanderzalm. 2017. “Transport and Fate of Viruses in Sediment and Stormwater from a Managed Aquifer Recharge Site.” Journal of Hydrology 555 (December): 724–35. https://doi.org/10.1016/j.jhydrol.2017.10.062.

Schmidt, Calla M., Andrew T. Fisher, Andrew J. Racz, Brian S. Lockwood, and Marc Los Huertos. 2011. “Linking Denitrification and Infiltration Rates during Managed Groundwater Recharge.” Environmental Science & Technology 45 (22): 9634–40.

https://doi.org/10.1021/es2023626.

Schroeder, Dewayne R. 1987. “Analytical Stream Depletion Model – Groundwater Software Publication No. 1.” Colorado Division of Water Resources Office of State Engineer. http://www.ids.colostate.edu/projects/awas/files/schroeder.pdf.

Seequent. 2022. “Leapfrog Geo.” Seequent. 2022. https://www.seequent.com/products-solutions/leapfrog-geo/.

Seibert, Simone, Olivier Atteia, S. Ursula Salmon, Adam Siade, Grant Douglas, and Henning Prommer. 2016. “Identification and Quantification of Redox and pH Buffering Processes in a Heterogeneous, Low Carbonate Aquifer during Managed Aquifer Recharge.” Water Resources Research 52 (5): 4003–25. https://doi.org/10.1002/2015WR017802.

Signor, Donald C., Douglas J. Growitz, and William Kam. 1970. “Annotated Bibliography on Artificial Recharge of Ground Water, 1955-67.” Report 1990. Water Supply Paper. USGS Publications Warehouse. https://doi.org/10.3133/wsp1990.

Siriwardene, N.R., A. Deletic, and T.D. Fletcher. 2007. “Clogging of Stormwater Gravel Infiltration Systems and Filters: Insights from a Laboratory Study.” Water Research 41 (7): 1433–40. https://doi.org/10.1016/j.watres.2006.12.040.

Sloan, Shannon, Peter G. Cook, and Ilka Wallis. 2023. “Managed Aquifer Recharge in Mining: A Review.” Groundwater 61 (3): 305–17. https://doi.org/10.1111/gwat.13311.

Snyder, Grant L., R. David G. Pyne, Kevin Morrison, and Kirk Nixon. 2022. “San Antonio Water System, Texas Carrizo Aquifer Storage Recovery Program.” Groundwater 60 (5): 641–47. https://doi.org/10.1111/gwat.13229.

Stewart-Maddox, Noah, Thomas, Paul, Parham, William, and Wesley Hipke. 2018. “Restoring a World Class Aquifer: A Brief History behind Managed Recharge & Conjunctive Management.” The Water Report, July 15, 2018.

SWRCB. 1968. “Statement of Policy with Respect to Maintaining High Quality of Waters In California.” California State Water Resources Control Board. https://www.waterboards.ca.gov/board_decisions/adopted_orders/resolutions/1968/rs68_016.pdf.

TCEQ Environmental Law Division. 2021. “TCEQ Language Access Plan.” Texas Commission on Environmental Quality. https://www.tceq.texas.gov/downloads/agency/decisions/participation/language-access-plan-gi-608.pdf.

Thompson, D. 2019. “A History of SAWS Aquifer Storage and Recovery.” Unpublished PowerPoint presentation presented at the Austin Water ASR Technical Advisory Group, August 27.

Todd, David Keith. 1959. “Annotated Bibliography on Artificial Recharge of Ground Water through 1954.” Report 1477. Water Supply Paper. USGS Publications Warehouse. https://doi.org/10.3133/wsp1477.

Torrent Resources. 2019. “MaxWell Plus Drainage System.” Torrent Resources. https://torrentresources.com/wp-content/uploads/2014/06/MaxWell-Plus-Insert-8-2012_200.pdf.

Turkmen, M., E. F. Walther, A. S. Andres, A. E. Chirnside, and W. F. Ritter. 2008. “Evaluation of Rapid Infiltration Basin Systems (RIBS) for Wastewater Disposal: Phase I: Delaware Geological Survey.” Unpublished. Delaware Natural Resources and Environmental Control (DNREC).

USACE. 2023. “Environmental Justice.” U.S. Army Corps of Engineers Headquarters Website. 2023. https://www.usace.army.mil/Missions/Environmental-Justice/.

USDA. 2017. “Soil Survey Manual – Handbook No. 18.” United States Department of Agriculture. https://www.nrcs.usda.gov/sites/default/files/2022-09/The-Soil-Survey-Manual.pdf.

USEPA. 1999. “The Class V Underground Injection Control Study Volume 23 Subsidence Control Wells.” EPA/816-R-99-014w. Washington DC: United States Environmental Protection Agency. https://nepis.epa.gov/Exe/ZyNET.exe/P1009WB1.txt?ZyActionD=ZyDocument&Client=EPA&Index=1995%20Thru%201999&Docs=&Query=&Time=&EndTime=&SearchMethod=1&TocRestrict=n&Toc=&TocEntry=&QField=&QFieldYear=&QFieldMonth=&QFieldDay=&UseQField=&IntQFieldOp=0&ExtQFieldOp=0&XmlQuery=&File=D%3A%5CZYFILES%5CINDEX%20DATA%5C95THRU99%5CTXT%5C00000029%5CP1009WB1.txt&User=ANONYMOUS&Password=anonymous&SortMethod=h%7C-&MaximumDocuments=1&FuzzyDegree=0&ImageQuality=r75g8/r75g8/x150y150g16/i425&Display=hpfr&DefSeekPage=x&SearchBack=ZyActionL&Back=ZyActionS&BackDesc=Results%20page&MaximumPages=1&ZyEntry=1.

USEPA. 2003. “Wastewater Technology Fact Sheet, Rapid Infiltration Land Treatment.” Fact Sheet EPA 832-F-03-025. United States Environmental Protection Agency. https://www3.epa.gov/npdes/pubs/final_rapidinfiltration.pdf.

USEPA. 2005. “Protecting Water Quality from Agricultural Runoff.” United States Environmental Protection Agency, Nonpoint Source Control Branch. https://www.epa.gov/sites/default/files/2015-09/documents/ag_runoff_fact_sheet.pdf.

USEPA. 2022a. “Long Term 2 Enhanced Surface Water Treatment Rule Documents.” United States Environmental Protection Agency. June 17, 2022. https://www.epa.gov/dwreginfo/long-term-2-enhanced-surface-water-treatment-rule-documents.

USEPA. 2022b. “Primary Enforcement Authority for the Underground Injection Control Program.” United States Environmental Protection Agency. August 18, 2022. https://www.epa.gov/uic/primary-enforcement-authority-underground-injection-control-program-0.

USEPA. 2022c. “Overview of the Drinking Water Sole Source Aquifer Program.” United States Environmental Protection Agency. September 28, 2022. https://www.epa.gov/dwssa/overview-drinking-water-sole-source-aquifer-program#What_Is_SSA.

USEPA. 2022d. “Aquifer Recharge and Aquifer Storage and Recovery.” United States Environmental Protection Agency. October 26, 2022. https://www.epa.gov/uic/aquifer-recharge-and-aquifer-storage-and-recovery.

USEPA. 2022e. “EPA Drinking Water Health Advisories for Cyanotoxins.” United States Environmental Protection Agency. October 28, 2022. https://www.epa.gov/cyanohabs/epa-drinking-water-health-advisories-cyanotoxins.

USEPA. 2022f. “Radionuclides.” United States Environmental Protection Agency. October 28, 2022. https://www.epa.gov/radiation/radionuclides.

USEPA. 2022g. “Radionuclides Rule.” United States Environmental Protection Agency. November 16, 2022. https://www.epa.gov/dwreginfo/radionuclides-rule.

USEPA. 2022h. “Safe and Sustainable Water Resources, Strategic Research Action Plan Fiscal Years 2023-2026.” EPA/600/R-22/242. Washington D.C.: United States Environmental Protection Agency. https://www.epa.gov/system/files/documents/2022-10/SSWR%20FY23-26%20StRAP_EPA-ORD_October%202022_508.pdf.

USEPA. 2023a. “Water Recycling for Climate Resilience through Enhanced Aquifer Recharge and Aquifer Storage and Recovery.” United States Environmental Protection Agency. https://www.epa.gov/system/files/documents/2023-02/Action%207.4%20Aquifer%20Recharge%20FINAL%202023.pdf.

USEPA. 2023b. “NPDES Stormwater Program.” United States Environmental Protection Agency. February 2, 2023. https://www.epa.gov/npdes/npdes-stormwater-program.

USEPA. 2023c. “Environmental Justice.” United States Environmental Protection Agency. November 15, 2023. https://www.epa.gov/environmentaljustice.

USEPA. 2023d. “Protecting Underground Sources of Drinking Water from Underground Injection (UIC).” United States Environmental Protection Agency. December 7, 2023. https://www.epa.gov/uic.

USGS Water Resources. 2019. “Chloride, Salinity, and Dissolved Solids.” USGS. March 1, 2019. https://www.usgs.gov/mission-areas/water-resources/science/chloride-salinity-and-dissolved-solids.

Vaidya, Ramola, Peter H. Buehlmann, Germano Salazar-Benites, Larry Schimmoller, Tyler Nading, Christopher A. Wilson, Charles Bott, Raul Gonzalez, and John T. Novak. 2019. “Pilot Plant Performance Comparing Carbon-Based and Membrane-Based Potable Reuse Schemes.” Environmental Engineering Science 36 (11): 1369–78. https://doi.org/10.1089/ees.2018.0559.

Valhondo, Cristina, Jesús Carrera, Lurdes Martínez-Landa, Jingjing Wang, Stefano Amalfitano, Caterina Levantesi, and M. S. Diaz-Cruz. 2020. “Reactive Barriers for Renaturalization of Reclaimed Water during Soil Aquifer Treatment.” Water 12 (4). https://doi.org/10.3390/w12041012.

Vanderzalm, J.L., D.W. Page, K.E. Barry, and P.J. Dillon. 2010. “A Comparison of the Geochemical Response to Different Managed Aquifer Recharge Operations for Injection of Urban Stormwater in a Carbonate Aquifer.” Applied Geochemistry 25 (9): 1350–60. https://doi.org/10.1016/j.apgeochem.2010.06.005.

Washington State Department of Ecology. 2006. “Guidance for UIC Wells That Manage Stormwater.” Washington State Department of Ecology Water Quality Program. https://apps.ecology.wa.gov/publications/documents/0510067.pdf.

Waterhouse, Hannah, Sandra Bachand, Daniel Mountjoy, Joseph Choperena, Phillip A. M. Bachand, Halen E. Dahlke, and William R. Horwath. 2020. “Agricultural Managed Aquifer Recharge — Water Quality Factors to Consider.” California Agriculture 74: 144–54.

Westlands Water District. 2019. “Initial Study/Mitigated Negative Declaration, Agricultural Aquifer Storage and Recovery Program.” Westlands Water District. https://files.ceqanet.opr.ca.gov/255067-2/attachment/QdGzdrQXqRQwr8nldjo1n-vUwCJOz8Vfp5y72clY2RuUHQLsD0pxsNDZrj1taUxiNS8DUwQ4WXEMVM4Y0.

Widdowson, Mark A., Dan W. Waddill, J. Steven Brauner, Francis H. Chapelle, and Paul M. Bradley. 2002. “SEAM3D – A Numerical Model for Three-Dimensional Solute Transport Coupled to Sequentail Electron Acceptor-Based Biological Reactions in Groundwater – Documentation and User’s Guide.” Virginia Polytechnic Institute and State University. http://gmsdocs.aquaveo.com/SEAM3Dv3.pdf.

Wood, Warren W., and Walton H. Low. 1986. “Aqueous Geochemistry and Diagenesis in the Eastern Snake River Plain Aquifer System, Idaho.” Bulletin 97 (12): 1456–66. https://doi.org/10.1130/0016-7606(1986)97<1456:AGADIT>2.0.CO;2.

WRD. 1965. “Engineering Survey Report on Groundwater Replenishment.” Water Replenishment District of southern California.

WRD. 2022. “Cost of Service Report.” Water Replenishment District of Southern California. https://www.wrd.org/files/f70d085ba/Cost+of+Service+Report+2022.pdf.

WWBWC. 2013. “Walla Walla Basin Aquifer Recharge Strategic Plan.” Walla Walla Basin Watershed Council. http://www.wwbwc.org/images/Projects/AR/Reports/RechargeStrategy_FINAL_1-29-13_sp.pdf.

WWBWC. 2017. “Washington Walla Walla Basin Aquifer Recharge Strategic Plan.” Walla Walla Basin Watershed Council. http://www.wwbwc.org/images/Projects/AR/Reports/WY2017_WA_ARAnnualReport_FINAL.pdf.

WWBWC. 2020. “Aquifer Recharge Monitoring, Johnson Aquifer Recharge Site.” Walla Walla Basin Watershed Council. 2020. http://wwbwc.org/monitoring/armonitoring.html.

WWBWC. 2023. “Johnson Aquifer Recharge Site.” Walla Walla Basin Watershed Council. 2023.

Young, H. L. 1992. “Summary of Ground-Water Hydrology of the Cambrian-Ordovician Aquifer System in the Northern Midwest, United States.” Report 1405A. Professional Paper. USGS Publications Warehouse. https://doi.org/10.3133/pp1405A.

Young, H. L., and D. I. Siegel. 1992. “Hydrogeology of the Cambrian-Ordovician Aquifer System in the Northern Midwest, United States with a Section on Ground-Water Quality.” Report 1405B. Professional Paper. USGS Publications Warehouse. https://doi.org/10.3133/pp1405B.

Zektser, S., Hugo Loaiciga, and J. Wolf. 2005. “Environmental Impacts of Groundwater Overdraft: Selected Case Studies in the Southwestern United States.” Environmental Geology 47 (February): 396–404. https://doi.org/10.1007/s00254-004-1164-3.

Zheng, Chun. 1990. “A Modular Three-Dimensional Transport Model for Simulation of Advection, Dispersion and Chemical Reaction of Contaminants in Groundwater Systems.” United States Environmental Protection Agency Robert S. Kerr Environmental Research Laboratory. https://hydro.geo.ua.edu/mt3d/Mt3d_1990.pdf.