

## Bibliography

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- Adekalu, K.O., J.A. Osunbitan and O.E. Ojo (2002). "Water sources and demand in South Western Nigeria: implications for water development planners and scientists," *Technovation*, **22**, 799–805.
- AghaKouchak, A., D. Feldman, M.J. Stewardson, J.D. Saphores, S. Grant and B. Sanders (2014). "Australia's drought: lessons for California," *Science*, **343** (6178), 1430–31.
- Ahiablame, L.M., B.A. Engel and I. Chaubey (2012). "Effectiveness of low impact development practices: literature review and suggestions for future research," *Water, Air, & Soil Pollution*, **223** (7), 4253–73.
- Ahmed, W., T. Gardner and S. Toze (2011). "Microbial quality of roof-harvested rainwater and health risks: a review," *Journal of Environmental Quality*, **40**, 13–21.
- Akbari, H. (2002). "Shade trees reduce building energy use and CO<sub>2</sub> emissions from power plants," *Environmental Pollution*, **116**, S119–S126.
- Allen, S. (2012). "Water rate hike prompts inquiry," *Los Angeles Times*, 4 March, A33.
- American Museum of Natural History (2011). "The New York water story," available at [http://www.amnh.org/education/resources/rfl/web/nycwater/AMNH\\_Water.php](http://www.amnh.org/education/resources/rfl/web/nycwater/AMNH_Water.php).
- American Planning Association (2011). "How cities use parks to improve public health," City Parks Forum Briefing Paper #7, available at <http://www.planning.org/cityparks/briefingpapers/physicalactivity.htm>.
- Anand, C. and D.S. Apul (2011). "Economic and environmental analysis of standard, high efficiency, rainwater flushed, and composting toilets," *Journal of Environmental Management*, **92** (3), 419–28.
- Aquacraft (2011). "California single family water use efficiency study," prepared in coordination with the Irvine Ranch Water District, Stratus Consulting, The Pacific Institute, and the California Department of Water Resources, June, available at <http://www.irwd.com/images/pdf/save-water/CaSingleFamilyWaterUseEfficiencyStudyJune2011.pdf>.
- Araral, Ed and Kris Hartley (2013). "Polycentric governance for a new environmental regime: theoretical frontiers in policy reform and public administration," paper presented at the international Conference on Public Policy, June, Sciences Po, Grenoble.

- Arbues, F., M.Á. García-Valiñas and R. Martínez Espiñeira (2003). "Estimation of residential water demand: a state-of-the-art review," *The Journal of Socio-Economics*, **32**, 81–102.
- Askarizadeh, A., M.A. Rippey, T.D. Fletcher, D.L. Feldman, J. Peng, P. Bowler, A.S. Mehring et al. (2015). "From rain tanks to catchments: use of low-impact development to address hydrologic symptoms of the urban stream syndrome," *Environmental Science and Technology*, **49** (19), 11264–80.
- Australian Government (2004). "National water initiative," Canberra: Department of the Environment.
- Australian National Audit Office (2009). "Innovation in the Public Sector: Enabling Better Performance, Driving New Directions. Better Practice Guide," December, available at [http://www.anao.gov.au/uploads/documents/Innovation\\_in%20the\\_Public\\_Sector.pdf](http://www.anao.gov.au/uploads/documents/Innovation_in%20the_Public_Sector.pdf).
- AWWA (American Water Works Association) (2012). "Manual of water supply practices, m6. water meters – selection, installation, testing, and maintenance," 5th edn, Denver.
- Baer, K.E. and C.M. Pringle (2000). "Special problems of urban river conservation: the encroaching megalopolis," in P.J. Boon, B.R. Davies and G.E. Potts (eds), *Global Perspectives on River Conservation: Science, Policy, and Practice*, New York: John Wiley, pp. 385–402.
- Baer, M. (2008). "The global water crisis, privatization, and the Bolivian water war," in J.M. Whitely, H. Ingram and R.W. Perry (eds), *Water, Place, and Equity*, Cambridge, MA: MIT Press, pp. 195–224.
- Bakker, K. (2013). "Constructing 'public' water: the World Bank, urban water supply, and the biopolitics of development," *Environment and Planning D: Society and Space*, **31**, 280–300.
- Barker, F., R. Faggian and A.J. Hamilton (2011). "A history of wastewater irrigation in Melbourne, Australia," *Journal of Water Sustainability*, **2**, 31–50.
- Barlow, Maude and Tony Clarke (2002). *Blue Gold: The Fight to Stop the Corporate Theft of the World's Water*, New York: The New Press.
- Baumann, D.D., J.J. Boland and Michael W. Hanemann (1997). *Urban Water Demand Management and Planning*, New York: McGraw-Hill.
- Bedan, E.S. and J.C. Clausen (2009). "Stormwater runoff quality and quantity from traditional and low impact development watersheds," *Journal of the American Water Resources Association*, **45** (4), 998–1008.
- Beller-Simms, Nancy, Helen Ingram, David Feldman, Nathan Mantua and Katharine L. Jacobs (2008). "U.S. climate change science program synthesis and assessment product 5.3 – decision-support experiments and evaluations using seasonal to interannual forecasts and observational

- data: a focus on water resources,” National Oceanic and Atmospheric Administration, November, available at <http://www.climate-science.gov/Library/sap/sap5-3/final-report/#finalreport>.
- Berndtsson, J.C. (2010). “Green roof performance towards management of runoff water quantity and quality: a review,” *Ecological Engineering*, **36** (4), 351–60.
- Bhaskar, A.S. and C. Welty (2015). “Analysis of subsurface storage and streamflow generation in urban watersheds,” *Water Resources Research*, **51** (3), 1493–513.
- Biggs, C., C. Ryan and J. Wiseman (2010a). “Localised solution: building capacity and resilience with distributed production systems,” Victorian Eco-Innovation Lab, University of Melbourne.
- Biggs, C., C. Ryan and J. Wiseman (2010b). “Distributed systems: a design model for sustainable and resilient infrastructure,” Victorian Eco-Innovation Lab, University of Melbourne.
- Biggs, C., C. Ryan, J. Wiseman and K. Larsen (2009). “Distributed water systems: a networked and localized approach for sustainable water services,” Victorian Eco-Innovation Lab, University of Melbourne.
- Bijoor, N.S., C.I. Czimeczik, D.E. Pataki and S.A. Billings (2008). “Effects of temperature and fertilization on nitrogen cycling and community composition of an urban lawn,” *Global Change Biology*, **14**, 2119–31.
- Bijoor, N.S., H.R. McCarthy, D. Zhang and D.E. Pataki (2012). “Water sources of urban trees in the Los Angeles metropolitan area,” *Urban Ecosystems*, **15**, 195–214.
- Bijoor, N., D. Pataki, D. Haver and J. Famiglietti (2014). “A comparative study of the water budgets of lawns under three management scenarios,” *Urban Ecosystems*, **17** (4), 1095–117.
- Black & Veatch (1995). *California Water Charge Survey*, Los Angeles: Black & Veatch.
- Black & Veatch (2006). *California Water Rate Survey*, Los Angeles: Black & Veatch.
- Boatright, Mary T., Daniel J. Gargola and Richard A. Talbert (2004). *The Romans: From Village to Empire – A History of Ancient Rome from Earliest Times to Constantine*, Oxford: Oxford University Press.
- Boberg, J. (2005). “Liquid assets: how demographic changes and water management policies affect freshwater resources,” Report-MG-358-CF, Santa Monica, CA: RAND Corporation.
- Booth, D.B. (1991). “Urbanization and the natural drainage system: impacts, solutions, and prognoses,” *Northwest Environmental Journal*, **7** (1), 93–118.
- Booth, D.B. and C.R. Jackson (1997). “Urbanization of aquatic systems: degradation thresholds, storm water detection, and the limits of

- mitigation,” *Journal of the American Water Resources Association*, **33** (5), 1077–90.
- Bos, D.G. and H.L. Brown (2015). “Overcoming barriers to community participation in a catchment-scale experiment: building trust and changing behavior,” *Freshwater Science*, **34** (3), 1169–75.
- Braemer, F., B. Geyer, C. Castel and M. Abdulkarim (2010). “Conquest of new lands and water systems in the western Fertile Crescent (Central and Southern Syria),” *Water History*, **2**, 91–114.
- Brattebo, B.O. and D.B. Booth (2003). “Long-term storm water quantity and quality performance of permeable pavement systems,” *Water Research*, **37** (18), 4369–76.
- Brooks, D.B. and O.M. Brandes (2011). “Why a water soft path, why now and what then?,” *International Journal of Water Resources Development*, **27**, 315–44.
- Brooks, D.B., O.M. Brandes and S. Gurman (2009). *Making the Most of the Water we have: The Soft Path Approach to Water Management*, London: Earthscan.
- Brown, A.E., L. Zhang, T.A. McMahon, A.W. Western and R.A. Vertessy (2005). “A review of paired catchment studies for determining changes in water yield resulting from alterations in vegetation,” *Journal of Hydrology*, **310** (1), 28–61.
- Brown, R.R. and M.A. Farrelly (2009). “Delivering sustainable urban water management: a review of the hurdles we face,” *Water Science & Technology*, **59** (5), 839–46.
- Brown, R., M. Farrelly and D. Loorbach (2013). “Actors working the institutions in sustainability transitions: the case of Melbourne’s stormwater management,” *Global Environmental Change*, **23**, 701–18.
- Brown, R.R. and N.A. Keath (2008). “Drawing on social theory for transitioning to sustainable urban water management: turning the institutional super-tanker,” *Australian Journal of Water Resources*, **12** (2), 73–83.
- Brown, R., N. Keath and T. Wong (2008). “Transitioning to water sensitive cities: historical, current and future transition states,” paper presented at the 11th International Conference on Urban Drainage, Edinburgh.
- Brown, R.R., N. Keath and T.H.F. Wong (2009). “Urban water management in cities: historical, current, and future regimes,” *Water Science & Technology*, **59** (5), 847–55.
- Bryner, Gary and Elizabeth Purcell (2003). *Groundwater Law Sourcebook of the Western United States*, Boulder, CO: Natural Resources Law Center, University of Colorado Law School.
- Bunn, S.E. and A.H. Arthington (2002). “Basic principles and

- ecological consequences of altered flow regimes for aquatic biodiversity,” *Environmental Management*, **30** (4), 492–507.
- Burns, M.J., T.D. Fletcher, C.J. Walsh, A.R. Ladson and B.E. Hatt (2012). “Hydrologic shortcomings of conventional urban storm water management and opportunities for reform,” *Landscape Urban Plan*, **105** (3), 230–40.
- Burns, M.J., T.D. Fletcher, C.J. Walsh, A.R. Ladson and B.E. Hatt (2013). “Setting objectives for hydrologic restoration: from site-scale to catchment-scale,” paper presented at *NOVATECH 2013*, Lyon, 23–27 June.
- Burns, M.J., E. Wallis and V. Matic (2015). “Building capacity in low-impact drainage management through research collaboration,” *Freshwater Science*, **34** (3), 1176–85.
- Burton, Lloyd (1991). *American Indian Water Rights and the Limits of Law*, Lawrence, KS: University Press of Kansas.
- Buttle, J.M. (1994). “Isotope hydrograph separations and rapid delivery of pre-event water from drainage basins,” *Progress in Physical Geography*, **18** (1), 16–41.
- Cahill, Ryan and Jay Lund (2011). “Residential water conservation in Australia and California,” Working Paper, Department of Civil and Environmental Engineering, University of California, Davis, November.
- California Department of Water Resources (2013a). “A commitment to action: perspectives from California’s first integrated water management summit,” *Water 360*, April, available at [http://www.water.ca.gov/irwm/other\\_resources/pdfs/water360proceedings.pdf](http://www.water.ca.gov/irwm/other_resources/pdfs/water360proceedings.pdf).
- California Department of Water Resources (2013b). “California Water Plan update 2013: public draft review,” available at <http://www.waterplan.water.ca.gov/cwpu2013/prd/index.cfm>.
- California Department of Water Resources (2014). “About DWR: Integrated Water Management,” available at <http://www.water.ca.gov/about/regional.cfm>.
- California Energy Commission (2006). “Refining estimates of water-related energy use in California,” Report CEC-500-2006-118, California Energy Commission, Sacramento, CA.
- California Senate Bill 7 (2009). “The Water Conservation Act of 2009,” also known as “California Senate Bill 7,” available at <http://www.water.ca.gov/wateruseefficiency/sb7/>.
- California State Water Resources Control Board (2014). “Storm water – municipal permits,” available at [http://www.waterboards.ca.gov/losangeles/water\\_issues/programs/stormwater/municipal/](http://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/).
- Cardenas-Lailhacar, B. and M.D. Dukes (2012). “Soil moisture sensor landscape irrigation controllers: a review of multi-study results and future implications,” *Transactions of the Asabe*, **55**, 581–90.

- Center for Demographic Research (2009). "Water usage in Orange County: 2007–2008," *Orange County Profiles*, **14** (1), 1–4.
- Charlesworth, S.M., E. Harker and S. Rickard (2003). "A review of sustainable drainage systems (SuDS): a soft option for hard drainage questions?," *Geography*, **88** (2), 99–107.
- Chestnutt, T. and C. McSpadden (1991). *A Model-based Evaluation of Westchester Water Conservation Programs*, San Diego: A & N Technical Services.
- City of Los Angeles (2008). "Securing L.A.'s water supply," Los Angeles, CA: Department of Water and Power.
- City of Los Angeles (2011). *Development Best Management Practices Handbook: Low Impact Development Manual – Part B Planning Activities*, 4th edn, June.
- City of Los Angeles (2014). "LA Stormwater: LA's Watershed Protection Program," available at <http://www.lastormwater.org/>.
- City of Melbourne (2014). "Amendment C142: stormwater management (watersensitive urban design)," available at <http://www.melbourne.vic.gov.au/BuildingandPlanning/Planning/planningschemeamendments/Pages/AmendmentC142.aspx>.
- Clayton, J.A. (2009). "Market-driven solutions to economic, environmental, and social issues related to water management in the western USA," *Water*, **1**, 19–31.
- Coarelli, Filippo (2007). *Rome and Environs: An Archaeological Guide*, Berkeley, CA: University of California Press.
- Connolly, Peter and Hazel Dodge (1998). *The Ancient City: Life in Classical Athens and Rome*, Oxford: Oxford University Press.
- Coombes, P.J. and G. Kuczera (2003). "Analysis of the performance of rainwater tanks in Australian capital cities," in *Proceedings of 28th International Hydrology and Water Resources Symposium*, Wollongong, NSW, 10–14 November, pp. 235–42.
- Copeland, Brian R. and M. Scott Taylor (2009). "Trade, tragedy, and the commons," *American Economic Review*, **99** (3), 725–49.
- Corbett, D. (2010). "Achieving sustainable stormwater management in Melbourne, Australia, as part of the journey to a water sensitive city," paper presented at *NOVATECH 2010*, available at <http://documents.irevues.inist.fr/bitstream/handle/2042/35638/13101-015COR.pdf?sequence=1>.
- Coulomb, Rene (2001). "Speech presented by the Vice President of the World Water Council at the Closing Session of the 11th Stockholm Water Symposium," World Water Council – 3rd World Water Forum – Stockholm Water Symposium, 16 August, available at [www.worldwatercouncil.org](http://www.worldwatercouncil.org).

- Coutts, A.M., E. Daly, J. Beringer and N.J Tapper (2013). "Assessing practical measures to reduce urban heat: green and cool roofs," *Building and Environment*, **70**, 266–76.
- Crase, L. (2008). *Water Policy in Australia: The Impact of Change and Uncertainty*, Washington, DC: RFF Press.
- Crase, L. (2009). "Dynamic community preferences: lessons for institutional design and measuring transaction and transformation costs," in L. Crase and V.P. Gandhi (eds), *Reforming Institutions in Water Resource Management: Policy and Performance for Sustainable Development*, London: Earthscan, pp. 45–61.
- Cronon, W. (1992). *Nature's Metropolis: Chicago and the Great West*, New York: W.W. Norton.
- Croton Watershed Clean Water Coalition (2009). "Updated 2009 Croton Watershed Management Plan," New York: CWCWC, available at <http://www.newyorkwater.org/pdf/managementPlan/MPlanNOV309.pdf>.
- Crow, Ben and Sultana Farhana (2002). "Gender, class, and access to water: three cases in a poor and crowded delta," *Society and Natural Resources*, **15** (8), 709–24.
- CSIRO (1999). "Water sensitive urban design," in *Urban Stormwater: Best Practice Environmental Management Guidelines*, CSIRO Publishing, pp. 47–62.
- Cuffney, T.F., R.A. Brightbill, J.T. May and I.R. Waite (2010). "Responses of benthic macroinvertebrates to environmental changes associated with urbanization in nine metropolitan areas," *Ecological Applications*, **20** (5), 1384–401.
- Cuffney, T.F. and J.F. Falcone (2008). *Derivation of Nationally Consistent Indices Representing Urban Intensity within and across Nine Metropolitan Areas of the Conterminous United States*, U.S. Geological Survey Scientific Investigations Report 2008-5095; Washington, DC: U.S. Geological Survey.
- Culture Victoria (2016). "Melbourne and Smellbourne," Public Record Office of Victoria: Culture Victoria, available at <http://www.cv.vic.gov.au/stories/built-environment/melbourne-and-smellbourne/>.
- Daigger, G.T. (2009). "Evolving urban water and residuals management paradigm: water reclamation and reuse, decentralization, and resource recovery," *Water Environment Research*, **81** (8), 809–23.
- Daigger, G.T. (2011). *Sustainable Urban Water and Resource Management*, Washington, DC: National Academy of Engineering.
- Dalhuisen, J.M., R. Florax, H.L.F. de Groot and P. Nijkamp (2003). "Price and income elasticities of residential water demand: a meta-analysis," *Land Economics*, **79**, 292–308.
- Davis, C. and S. Slater (2013). "California's Rainwater Recapture

- Act lets state residents capture, use harvested rainwater," JDSupra Business Advisor, available at <http://www.jdsupra.com/legalnews/californias-rainwater-recapture-act-let-66504/>.
- Davis, Margaret Leslie (1993). *Rivers in the Desert: William Mulholland and the Inventing of Los Angeles*, New York: HarperCollins.
- Derthick, Martha (1974). *Between State and Nation: Regional Organizations of the United States*, Washington, DC: Brookings Institution.
- Deverell, W. and G. Hise (2005). *Land of Sunshine: An Environmental History of Metropolitan Los Angeles*, Pittsburgh, PA: University of Pittsburgh.
- Dobbie, M.F., K.L. Brookes and R.R. Brown (2014). "Transition to water-cycle city: risk perceptions and receptivity of Australian urban water practitioners," *Urban Water Journal*, **11** (5), 427–43.
- Doig, Will (2012). "The impending urban water crisis," *Salon.com*, available at <http://www.salon.com/2012/>.
- Dolnicar, S. and A. Hurlimann (2010). "Acceptance of water alternatives in Australia – 2009," *Water Science & Technology*, **61** (8), 2137–42.
- Dolnicar, S., A. Hurlimann and B. Grun (2012). "Water conservation behavior in Australia," *Journal of Environmental Management*, **105** (114), 44–52.
- Dolnicar, S., A. Hurlimann and L. Nghiem (2010). "The effect of information on public acceptance: the case of water from alternative sources," *Journal of Environmental Management*, **91** (6), 1288–93.
- Donnelly, Kristina and Juliet Christian-Smith (2013). "California water rates and the 'new normal'," Oakland, CA: Pacific Institute.
- Doolan, Jane (2015). "Lessons from Australia's Millennium Drought," Canberra: University of Canberra and National Water Commission, unpublished presentation, Public Policy Institute of California, San Francisco.
- Dowling, J. (2013). "Is the wally back? Melbourne water use surges?," *The Age Victoria*, 18 January, available at <http://www.theage.com.au/victoria/is-the-wally-back-melbourne-water-use-surges-20130117-2cwan.html>.
- Downs, T.J., M. Mazari-Hiriart, R. Domínguez-Mora and I.H. Suffet (2000). "Sustainability of least cost policies for meeting Mexico City's future water demand," *Water Resources Research*, **36** (8), 2321–39.
- Du Pisani, P.L. (2006). "Direct reclamation of potable water at Windhoek's Goreangab reclamation plant," *Desalination*, **188** (1–3), 79–88.
- Dukes, M.D. (2012). "Water conservation potential of landscape irrigation smart controllers," *Transactions of the ASABE* **55**, pp. 563–9.
- Eades, Mark (2012). "Residents criticize water rate increase," *Orange County Register*, 4 March, p. 3.
- Elcock, D. (2009). "Baseline and projected water demand data for energy



- and competing water use sectors," U.S. Department of Energy, ANL/EUS/TM/08-8 for US DOE/NETL.
- Emerson, C.H., C. Welty and R.G. Traver (2005). "Watershed-scale evaluation of a system of storm water detention basins," *Journal of Hydrologic Engineering*, **10** (3), 237–42.
- Endreny, T. (2008). "Naturalizing urban watershed hydrology to mitigate urban heat-island effects," *Hydrological Processes*, **22** (3), 461–3.
- Engle, N.L., O.R. Johns, M.C. Lemos and D.R. Nelson (2011). "Integrated and adaptive management of water resources: tensions, legacies, and the next best thing," *Ecology & Society*, **16** (1).
- Environmental Justice Coalition for Water (2005). "Thirsty for justice: a people's blueprint for California," Oakland, CA: Environmental Justice Coalition for Water.
- Environment Australia (1994). "The Council of Australian Governments' Water Reform Framework: extracts from Council of Australian Governments," Hobart, 25 February, Communiqué, Canberra: Environment Australia, available at <http://webarchive.nla.gov.au/gov/20130904083606/>, <http://www.environment.gov.au/water/publications/action/policyframework.html>.
- Environment Australia (2002). "Introduction to urban stormwater management in Australia," prepared under the Urban Stormwater Initiative of the Living Cities Program 2002, Canberra, Australia.
- Erie, Steven P. (2006). *Beyond Chinatown: The Metropolitan Water District, Growth, and the Environment in Southern California*, Palo Alto, CA: Stanford University Press.
- Espey, M., J. Espey and W.D. Shaw (1997). "Price elasticity of residential demand for water: a meta-analysis," *Water Resources Research*, **33**, 1369–74.
- Facility for Advancing Water Biofiltration (FAWB) (2009). "Guidelines for filter media in biofiltration systems," Version 3.01, Sydney: Facility for Advancing Water Biofiltration (FAWB).
- Feldman, David L. (2009). "Preventing the repetition: or, what Los Angeles' experience in water management can teach Atlanta about urban water disputes," *Water Resources Research*, **45** (4).
- Ferguson, B.C., R.R. Brown, N. Frantzeskaki, F.J. de Haan and A. Deletic (2013). "The enabling institutional context for integrated water management: lessons from Melbourne," *Water Research*, **47** (20), 7300–14.
- Ferguson, B.C., R.R. Brown, F.J. de Haan and A. Deletic (2014). "Analysis of institutional work on innovation trajectories in water infrastructure systems of Melbourne, Australia," *Environmental Innovation and Societal Transitions*, **15**, 42–64.

- Fletcher, T.D., H. Andrieu and P. Hamel (2013a). "Understanding, management and modeling of urban hydrology and its consequences for receiving waters: a state of the art," *Advances in Water Resources*, **51**, 261–79.
- Fletcher, T.D., A. Deletic, V.G. Mitchell and B.E. Hatt (2008). "Reuse of urban runoff in Australia: a review of recent advances and remaining challenges," *Journal of Environmental Quality*, **37** (5 Suppl.), S-116.
- Fletcher, T.D., W. Shuster, W.F. Hunt, R. Ashley, D. Butler, S. Arthur, S. Trowsdale et al. (2013b). "SUDS, LID, BMPs, WSUD and more: the evolution and application of terminology surrounding urban drainage," *Urban Water Journal*, **12** (7), 525–42.
- Fogelson, Robert M. (1993). *The Fragmented Metropolis: Los Angeles, 1850–1930*, Berkeley and Los Angeles, CA: University of California Press.
- Freeman, Charles (2004). *Egypt, Greece, and Rome: Civilizations of the Ancient Mediterranean*, 2nd edn, Oxford: Oxford University Press.
- Frost, Lionel (2013). "A research agenda for understanding urban water history," unpublished talk given by Professor Lionel Frost, Monash University, July.
- Fuensschilling, L. and B. Truffer (2014). "The structuration of socio-technical regimes: conceptual foundations from institutional theory," *Research Policy*, **43**, 772–91.
- Gandy, M. (2008). "Landscapes of disaster: water, modernity, and urban fragmentation in Mumbai," *Environment and Planning*, **40**, 108–30.
- Garnsey, Peter and Richard Saller (1987). *The Roman Empire: Economy, Society, and Culture*, Berkeley, CA: University of California Press.
- Garrison, N., C. Kloss, R. Lukes and J. Devine (2011). "Capturing rain-water from rooftops: an efficient water resource management strategy that increases supply and reduces pollution," Washington, DC: Natural Resources Defense Council.
- Geels, F.W. (2006). "The hygienic transition from cesspools to sewer systems (1840–1930): the dynamics of regime transformation," *Research Policy*, **35**, 1069–82.
- Geels, F.W. and J. Schot (2007). "Typology of sociotechnical transition pathways," *Research Policy*, **36**, 399–417.
- Geo-Mexico (2013). "Mexico's major cities confront serious water supply issues," available at <http://geo-mexico.com/?p=9034>.
- Gersonius, B., R. Ashley, A. Pathirana and C. Zevenbergen (2013). "Climate change uncertainty: building flexibility into water and flood risk infrastructure," *Climate Change*, **116**, 411–23.
- Giacomini, M.H., E.M. Zechman and K. Brumbelow (2012). "Hydrologic footprint residence: environmentally friendly criteria for

- best management practices,” *Journal of Hydrologic Engineering*, **17** (1), 99–108.
- Giddens, A. (1984). *The Constitution of Society*. Berkeley, CA: University of California Press.
- Glaeser, Edward (2011). *Triumph of the City: How our Greatest Invention Makes us Richer, Smarter, Greener, Healthier, and Happier*, New York: Penguin Press.
- Gleick, P.H. (2000). “The changing water paradigm: a look at twenty-first century water resources development,” *International Water Resources Association*, **25** (1), 127–38.
- Gleick, P.H. (2003). “Global freshwater resources: soft-path solutions for the 21st century,” *Science*, **302**, 1524–8.
- Gleick, P.H., D. Haasz, C. Henges-Jeck, V. Srinivasan, G. Wolff, K. Kao Cushing and A. Mann (2003). “Waste not, want not: the potential for urban water conservation in California,” The Pacific Institute, November, available at [http://www.colorado.edu/geography/class\\_homepages/geog\\_4501\\_sum14/Western%20Water/J.June%2017/Gleick\\_waste\\_not\\_want\\_not\\_full\\_report.pdf](http://www.colorado.edu/geography/class_homepages/geog_4501_sum14/Western%20Water/J.June%2017/Gleick_waste_not_want_not_full_report.pdf).
- Gleick, P.H. and M. Heberger (2012). “The coming mega drought,” *Scientific American*, **306**, 1–14.
- Gordon, N.D., T.A. McMahon, B.L. Finlayson, C.J. Gippel and R.J. Nathan (2013). *Stream Hydrology: An Introduction for Ecologists*, New York: John Wiley.
- Grafton, R. Quentin (2000). “Governance of the commons: a role for the state?,” *Land Economics*, **76** (4), 504–17.
- Graham, Wade (2013). “Down the drain: how much water goes when it flows?” *Los Angeles Magazine*, 16 September, available at <http://www.lamag.com/features-hidden/2013/09/16/down-the-drain-how-much-water-goes-when-it-flows>.
- Grant, S.B., T.D. Fletcher, D. Feldman, J. Saphores, P.L.M. Cook, M. Stewardson, K. Low, K. Burry and A.J. Hamilton (2013). “Adapting urban water systems to a changing climate: lessons from the Millennium Drought in Southeast Australia,” *Environmental Science & Technology*, **47** (19), 10727–34.
- Grant, S.B., R.M. Litton-Mueller and J.H. Ahn (2011). “Measuring and modeling the flux of fecal bacteria across the sediment–water interface in a turbulent stream,” *Water Resources Research*, **47** (5).
- Grant, S., J.D. Saphores, D.L. Feldman, A.J. Hamilton, T.D. Fletcher, P.L.M. Cook, M. Stewardson et al. (2012). “Taking the ‘waste’ out of ‘wastewater’ for human water security and ecosystem sustainability,” *Science*, **337**, 681–6.
- Grebel, J.E., S.K. Mohanty, A.A. Torkelson, A.B. Boehm, C.P. Higgins,

- R.M. Maxwell, K.L. Nelson and D.L. Sedlak (2013). "Engineering infiltration systems for urban stormwater reclamation," *Environmental Engineering Science*, **30**, 437–54.
- Green, Dorothy (2007). *Managing Water: Avoiding Crisis in California*, Berkeley, CA: University of California Press.
- Griffin, D. and K.J. Anchukaitis (2014). "How unusual is the 2012–2014 California drought?," *Geophysical Research Letters*, **41**, 9017–23.
- Grimm, N.B., S.H. Faeth, N.E. Golubiewski, C.L. Redman, J. Wu, X. Bai and J.M. Briggs (2008). "Global change and the ecology of cities," *Science*, **319** (5864), 756–60.
- Groffman, P.M., A.M. Dorsey and P.M. Mayer (2005). "N processing within geomorphic structures in urban streams," *Journal of the North American Benthological Society*, **24** (3), 613–25.
- Groves, D.G., R.J. Lempert, D. Knopman and S.H. Berry (2008). "Preparing for an uncertain future climate in the inland empire – identifying robust water-management strategies," Report – DB-0550-NSF, Santa Monica, CA: RAND Corporation.
- Gumprecht, Blake (2001). *The Los Angeles River: Its Life, Death, and Possible Rebirth*, Baltimore, MA: Johns Hopkins University Press.
- Gumprecht, Blake (2005). "Who killed the Los Angeles River?," in William Deverell and Greg Hise (eds), *Land of Sunshine: An Environmental History of Metropolitan Los Angeles*, Pittsburgh, PA: University of Pittsburgh, pp. 115–34.
- Guo, Y. (2001). "Hydrologic design of urban flood control detention ponds," *Journal of Hydrologic Engineering*, **6** (6), 472–9.
- Hamel, P., E. Daly and T.D. Fletcher (2013). "Source-control storm water management for mitigating the impacts of urbanization on baseflow: a review," *Journal of Hydrology*, **485**, 201–11.
- Hamel, P., T.D. Fletcher, C.J. Walsh and E. Plessis (2011). "Quantifying the restoration of evapotranspiration and groundwater recharge by vegetated infiltration systems," in Proceedings of the 12th International Conference on Urban Drainage, Porto Alegre, Brazil, 10–16 September.
- Hanak, Ellen and Matthew Davis (2009). "Lawns and water demand in California," *California Economic Policy*, **2** (2), 1–22.
- Hanak, Ellen, J. Lund, B. Thompson, W. Bowman Cutter, B. Gray, D. Houston, R. Howitt et al. (2012a). "Water and the California economy," Oakland: Public Policy Institute of California.
- Hanak, E., J. Lund, A. Dinar, B. Gray, R. Howitt, J. Mount, P. Moyle and B. Thompson (2012b). *Managing California's Water: From Conflict to Reconciliation*, San Francisco, CA: Public Policy Institute of California.
- Hatt, B.E., A. Deletic and T.D. Fletcher (2006). "Integrated treatment and

- recycling of storm water: a review of Australian practice," *Journal of Environmental Management*, **79** (1), 102–13.
- Hatt, B.E., T.D. Fletcher and A. Deletic (2008). "Hydrologic and pollutant removal performance of stormwater biofiltration systems at the field scale," *Journal of Hydrology*, **365**, 310–21.
- Hatt, B.E., T.D. Fletcher, C.J. Walsh and S.L. Taylor (2004). "The influence of urban density and drainage infrastructure on the concentrations and loads of pollutants in small streams," *Environmental Management*, **34** (1), 112–24.
- Hayworth, J.S., G. Glonek, E.J. Maynard, P.A. Baghurst and J. Finlay-Jones (2006). "Consumption of untreated tank rainwater and gastroenteritis among young children in South Australia," *International Journal of Epidemiology*, **35**, 1051–58.
- Head, Lesley and Pat Muir (2007). "Changing cultures of water in eastern Australian backyard gardens," *Social & Cultural Geography*, **8** (6), 889–905.
- Heather, Peter (2006). *The Fall of the Roman Empire: A New History of Rome and the Barbarians*, Oxford: Oxford University Press.
- Hirschman, D., K. Collins and T. Schueler (2008). "The runoff reduction method: technical memorandum," Ellicott City, MD: Center for Watershed Protection & Chesapeake Stormwater Network.
- Hise, G. and W. Deverell (2005). "Introduction: the metropolitan nature of Los Angeles," in W. Deverell and G. Hise (eds), *Land of Sunshine: An Environmental History of Metropolitan Los Angeles*, Pittsburgh, PA: University of Pittsburgh Press, pp. 1–12.
- Hispagua: Sistema Español de Información sobre el Agua (2009). "Trasvases en América: México," available at <http://hispagua.cedex.es/sites/default/files/especiales/Trasvases/mexico.html>.
- Hodgins, Maureen (2010). "North American residential water use trends since 1992," *Drinking Water Research*, January–March, **21** (1), 19–20.
- Hoffman, J. (2010). "Using the water bill to foster conservation," *On Tap*, Winter, 18–22, available at [http://www.nesc.wvu.edu/pdf/dw/publications/ontap/magazine/OTWI10\\_features/water\\_bill\\_foster\\_conservation.pdf](http://www.nesc.wvu.edu/pdf/dw/publications/ontap/magazine/OTWI10_features/water_bill_foster_conservation.pdf).
- Hood, M.J., J.C. Clausen and G.S. Warner (2007). "Comparison of stormwater lag times for low impact and traditional residential development," *Journal of the American Water Resources Association*, **43** (4), 1036–46.
- Hopkins, K.G., N.B. Morse, D.J. Bain, N.D. Bettez, N.B. Grimm, J.L. Morse, M.M. Palta et al. (2015). "Assessment of regional variation in streamflow responses to urbanization and the persistence of physiography," *Environmental Science & Technology*, **49** (5), 2724–32.
- Howe, C.A., K. Vairavamoorthy and N.P. van der Steen (2011). *SWITCH*:

- Sustainable Water Management in the City of the Future – Findings from the SWITCH project, 2006–2011*, the Netherlands: European Commission's 6th Framework Programme and SWITCH Consortium partners.
- Hua, Ji Wen (2012). *Water Use and Management in Beijing*, Beijing: Institute of Geographic Sciences and Natural Resources Research.
- Hughes, J. Donald (2014). *Environmental Problems of the Greeks and Romans: Ecology in the Ancient Mediterranean*, 2nd edn, Baltimore, MD: Johns Hopkins University Press.
- Hughes, R.M., S. Dunham, K.G. Maas-Hebner, J.A. Yeakley, C. Schreck, M. Harte, N. Molina et al. (2014). "A review of urban water body challenges and approaches: (1) rehabilitation and remediation," *Fisheries*, **39** (1), 18–29.
- Hundley, Norris Jr (2001). *The Great Thirst: Californians and Water: A History*, Berkeley, CA: University of California Press.
- Hundley, Norris Jr (2009). *Water and the West: The Colorado River Compact and the Politics of Water in the American West*, Berkeley and Los Angeles, CA: University of California Press.
- Hunt, T. (2015). *Ten Cities that Made an Empire*, London: Penguin.
- Hurley, Andrew (1995). *Environmental Inequalities: Class, Race, and Industrial Pollution in Gary, Indiana, 1945–1980*, Chapel Hill, NC: University of North Carolina Press.
- IMTA (1987). "Overview of the infrastructure for Cutzamala System" ["Visita al Sistema Cutzamala"], Boletín No. 2, Mexico: Instituto Mexicano de Tecnología del Agua.
- Inteaz, M.A., A. Ahsan, J. Naser and A. Rahman (2011). "Reliability analysis of rainwater tanks in Melbourne using daily water balance model," *Resources, Conservation and Recycling*, **56** (1), 80–86.
- Ingram, H. and C.R. Oggins (1992). "The public trust doctrine and community values in water," *Natural Resources Journal*, **32**, 515–37.
- Inman, D. and P. Jeffrey (2006). "A review of residential water conservation tool performance and influences on implementation effectiveness," *Urban Water Journal*, **3**, 127–43.
- International Water Association (2013). "Montreal Declaration on Cities of the Future," available at <http://www.iwa-network.org/programs/cities-of-the-future/>.
- IPCC (2007). "Climate change 2007: impacts, adaptation and vulnerability," Contribution of Working Group II to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change, M.L. Parry, O.F. Canziani, J.P. Palutikof, P.J. van der Linden and C.E. Hanson (eds), Cambridge and New York: Cambridge University Press.
- IPCC (2014). "Climate change 2014: synthesis report," Contribution

- of Working Groups I, II and III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change, core writing team, R.K. Pachauri and L.A. Meyer (eds), Geneva: IPCC.
- Jackson, R.B., S.R. Carpenter, C.N. Dahm, D.M. McKnight, R.J. Naiman, S.L. Postel and S.W. Running (2001). "Water in a changing world," *Ecological Applications*, **11**, 1027–45.
- Jacob, K., V. Gornitz and C. Rosenzweig (2007). "Vulnerability of the New York City metropolitan area to coastal hazards, including sea level rise: inferences for urban coastal risk management and adaptation policies," in L. McFadden, R.J. Nicholls and E.E. Penning-Rowsell (eds), *Managing Coastal Vulnerability*, Amsterdam and Oxford: Elsevier, pp. 141–58.
- Jacobson, Carol R. (2011). "Identification and quantification of the hydrological impacts of imperviousness in urban catchments: a review," *Journal of Environmental Management*, **92** (6), 1438–48.
- Jansen, G. (2000). "Urban water transport and distribution," in O. Wikander (ed.), *Handbook of Ancient Water Technology*, Leiden: Brill, pp. 103–25.
- Jenerette, G.D., Wanli Wu, Susan Goldsmith, W.A. Marussich and W. John Roach (2006). "Contrasting water footprints of cities in China and the United States," *Ecological Economics*, **57**, 346–58.
- Jepperson, R. (1991). "Institutions, institutional effects, and institutionalization," in W.W. Powell and P.J. DiMaggio (eds), *The New Institutionalism in Organizational Analysis*, Chicago, IL: University of Chicago Press, pp. 204–231.
- Johnson, E.J., S. Bellman and G.L. Lohse (2003). "Cognitive lock-in and the power law of practice," *Journal of Marketing*, **67**, 62–75.
- Kahinda, J.M., A.E. Taigbenu and J.R. Boroto (2007). "Domestic rainwater harvesting to improve water supply in rural South Africa," *Physics and Chemistry of the Earth*, **32** (15), 1050–57.
- Kahrl, William M. (1982). *Water and Power: The Conflict over Los Angeles' Water Supply in the Owens Valley*, Berkeley, CA: University of California Press.
- Kaika, Maria (2005). *City of Flows: Modernity, Nature, and the City*, New York and London: Routledge.
- Kamash, Z. (2012). "An exploration of the relationship between shifting power, changing behaviour and new water technologies in the Roman Near East," *Water History*, **4**, 79–93.
- Kamieniecki, S. and A. Below (2009). "Ethical issues in storm water policy implementation: disparities in financial burdens and overall benefits," in John M. Whiteley, Helen Ingram and Richard Perry (eds), *Water, Place, and Equity*, Cambridge, MA: MIT Press, pp. 69–94.

- Kanazawa, Mark (2015). *Golden Rules: The Origins of California Water Law in the Gold Rush*, Chicago, IL: University of Chicago Press.
- Kelly, V.R., G.M. Lovett, K.C. Weathers, S.E.G. Findlay, D.L. Strayer, D.J. Burns and G.E. Likens (2008). "Long-term sodium chloride retention in a rural watershed: legacy effects of road salt on stream water concentration," *Environmental Science & Technology*, **42** (2), 410–15.
- Keremane, G., J. McKay and Z. Wu (2011). "No stormwater in my teacup: an internet survey of residents in three Australian cities," *Water*, April, 118–124.
- Kibel, P.S. (2007). *Rivertown: Rethinking Urban Rivers*, Cambridge, MA: MIT Press.
- Kingdom, B., R. Liemberger and P. Marin (2006). "The challenge of reducing non-revenue water (NRW) in developing countries," Water Supply and Sanitation Board Discussion Paper Series, Paper No. 8, World Bank, Washington, DC.
- Kiparsky, M., D.L. Sedlak, B.H. Thompson and B. Truffer (2013). "The innovation deficit in urban water: the need for an integrated perspective on institutions, organizations, and technology," *Environmental Engineering Science*, **30** (8), 395–408.
- Kloss, C. (2008). *Managing Wet Weather with Green Infrastructure Municipal Handbook: Rainwater Harvesting Policies*, Washington, DC: U.S. Environmental Protection Agency.
- Koeppe, Gerard T. (2000). *Water for Gotham: A History*, Princeton, NJ: Princeton University Press.
- Koo-Oshima, S. and V. Narain (2012). "The hydro-social contract in urban water management in the USA and India," in *Proceedings of the Resilient Cities 2012 Congress*, 3rd Global Forum on Urban Resilience & Adaptation, available at [http://resilient-cities.iclei.org/fileadmin/sites/resilient-cities/files/Resilient\\_Cities\\_2012/Digital\\_Congress\\_Proceedings/RC2012\\_Koo-Oshima.pdf](http://resilient-cities.iclei.org/fileadmin/sites/resilient-cities/files/Resilient_Cities_2012/Digital_Congress_Proceedings/RC2012_Koo-Oshima.pdf).
- LA Times* (2015). "Unintended consequences of conserving water: leaky pipes, less revenue, bad odors," 1 September, available at <http://www.latimes.com/local/california/la-me-drought-consequences-20150901-story.html>.
- Larson, K.L., D. Casagrande, S.L. Harlan and S.T. Yabiku (2009). "Residents' yard choices and rationales in a desert city: social priorities, ecological impacts, and decision tradeoffs," *Environmental Management*, **44** (5), 921–37.
- Lauer, S. (2008). "Making storm-water a resource, not a problem," *The California Runoff Rundown – a Newsletter of the Water Education Foundation*, Fall: pp. 1, 4–9, 12.
- Lebel, L., J.M. Anderies, B. Campbell, C. Folke, S. Hatfield-Dodds,



- T.P. Hughes and J. Wilson (2006). "Governance and the capacity to manage resilience in regional social-ecological systems," *Ecology and Society*, **11**, 19–38.
- Lenski, Noel (2002). *Failure of Empire: Valens and the Roman State in the Fourth Century A.D.*, Berkeley, CA: University of California Press.
- Leung, R.W.K., D.C.H. Li, W.K. Yu, H.K. Chui, T.O. Lee, M.C.M. van Loosdrecht and G.H. Chen (2012). "Integration of seawater and grey water reuse to maximize alternative water resource for coastal areas: the case of the Hong Kong International Airport," *Water Science & Technology*, **65** (3), 410–17.
- Leverenz, H.L., G. Tchobanoglous and T. Asano (2011). "Direct potable reuse: a future imperative," *Journal of Water Reuse and Desalination*, **1**(1), 2–10.
- Li, H., L.J. Sharkey, W.F. Hunt and A.P. Davis (2009). "Mitigation of impervious surface hydrology using bioretention in North Carolina and Maryland," *Journal of Hydrologic Engineering*, **14** (4), 407–15.
- Lim, K.Y., A.J. Hamilton and S.C. Jiang (2015). "Assessment of public health risk associated with viral contamination of harvested urban stormwater for domestic applications," *Science of the Total Environment*, **523**, 95–108.
- Lim, K.Y. and S.C. Jiang (2013). "Reevaluation of health risk benchmark for sustainable water practice through risk analysis of rooftop-harvested rainwater," *Water Research*, **47** (20), 7273–86.
- Linder, Michael (2006). "Water wars: the battle for Owens Valley" *A KNX Exclusive Investigative Report*, 21 September, available at <https://muckrack.com/michaellinder/portfolio/WZ/water-wars-the-battle-for-owens-valley>.
- Linton, J. (2010). *What is Water? The History of a Modern Abstraction*, Vancouver: University of British Columbia Press.
- Liu, M., H. Tian, G. Chen, W. Ren, C. Zhang and J. Liu (2008). "Effects of land-use and land-cover change on evapotranspiration and water yield in China during 1900–2001," *Journal of the American Water Resources Association*, **44** (5), 1193–207.
- Lockwood, Harold and Steph Smits (2011). *Supporting Rural Water Supply*, Rugby: Practical Action.
- Logan, J.R. and H. Molotch (1987). *Urban Fortunes: The Political Economy of Place*, Berkeley: University of California.
- Logan, W.B. and V. Muse (1989). *Smithsonian Guide to Historic America: The Deep South*, New York: Stuart, Tabori, and Chang.
- Loorbach, D. and J. Rotmans (2006). "Managing transitions for sustainable development," *Environment & Policy*, **44**, 187–206.
- Loperfido, J.V., G.B. Noe, S.T. Jarnagin and D.M. Hogan (2014). "Effects

- of distributed and centralized stormwater best management practices and land cover on urban stream hydrology at the catchment scale,” *Journal of Hydrology*, **519**, 2584–95.
- Los Angeles Department of Public Works (2012). “LA’s sewers,” available at <http://www.lacitysan.org/lasewers/sewers/about/index.htm>.
- Los Angeles Department of Water and Power (LADWP) (2010a). “The story of the Los Angeles aqueduct,” available at <http://wsoweb.ladwp.com/Aqueduct/historyoflaa/>.
- Los Angeles Department of Water and Power (LADWP) (2010b). “Urban Water Management Plan,” available at [www.ladwp.com](http://www.ladwp.com).
- Low, Kathleen G., D.L. Feldman, Stanley B. Grant, Andrew J. Hamilton, K. Gan, J-D. Saphores and M. Arora (2015). “Fighting drought with innovation: Melbourne’s response to the Millennium Drought in Southeast Australia,” *WIREs Water*, **2** (4).
- Lund, Jay R., Richard E. Howitt, Josué Medellín-Azuara and Marion W. Jenkins (2009). “Water management lessons for California from statewide hydro-economic modeling,” Center for Watershed Sciences, Department of Civil and Environmental Engineering/ Department of Agricultural and Resource Economics, University of California – Davis, June.
- Machiwal, D. and M.K. Jha (2009). “Time series analysis of hydrologic data for water resources planning and management: a review,” *Journal of Hydrology and Hydromechanics*, **54** (3), 237–57.
- Maddaus, L.A. (2001). “Effects of metering on residential water demand,” MSc thesis, UC Davis.
- Makropoulos, C.K. and D. Butler (2010). “Distributed water infrastructure for sustainable communities,” *Water Resources Management*, **24** (11), 2795–816.
- Mayer, P.W., K. DiNatale and W.B. DeOreo (2000). *Show Me the Savings: Do New Homes Use Less Water?* AWWA Annual Conference Proceedings, Denver, CO: AWWA.
- Mayer, P.W., W.B. Deoreo, E. Towler and D.M. Lewis (2003). “Residential indoor water conservation study: evaluation of high efficiency indoor plumbing fixture retrofits in single-family homes in the East Bay municipal utility district (EDMUD) service area,” The United States Environmental Protection Agency report.
- Mayer, P.W., W.B. DeOreo, E. Towler and D.M. Lewis (2004). “Tampa Water Department residential water conservation study: the impacts of high efficiency plumbing fixture retrofits in single-family homes,” Tampa, FL: Aquacraft Inc.
- McCready, M.S. and M.D. Dukes (2011). “Landscape irrigation scheduling efficiency and adequacy by various control technologies,” *Agricultural Water Management*, **98**, 697–704.

- McElwain, Mary and C. Herschel (1925). *Strategems and Aqueducts of Rome by Sextus Julius Frontinus*, Cambridge: Harvard University Press.
- McPherson, E.G. (1990). "Modeling residential landscape water and energy use to evaluate water conservation policies," *Landscape Journal*, **9**, 122–34.
- McQuilkin, Geoffrey (2011). "Stream restoration discussions picking up pace: implementation requires answering many, many questions," *Mono Lake Newsletter*, Summer, p. 5.
- Medellin-Azuara, J., L. Mendoza-Espinosa, C. Pells and J.R. Lund (2013). "Pre-feasibility assessment of a water fund for the Ensenada Region: infrastructure and stakeholder analyses," June, Center for Watershed Sciences, UC Davis and Nature Conservancy, Davis, CA.
- Melbourne Water (2013). "Water plan," accessed 1 September 2014 at [http://melbournewater.com.au/aboutus/reportsandpublications/Documents/Melbourne\\_Water\\_2013\\_Water\\_Plan.pdf](http://melbournewater.com.au/aboutus/reportsandpublications/Documents/Melbourne_Water_2013_Water_Plan.pdf).
- Melbourne Water (2014a). "What is a stormwater offset?," available at <http://www.melbournewater.com.au/Planning-and-building/schemes/about/Pages/What-are-stormwater-quality-offsets.aspx>.
- Melbourne Water (2014b). "History of our water supply system," available at <http://www.melbournewater.com.au/aboutus/historyandheritage/history-of-our-water-supply-system/pages/history-of-our-water-supply-system.aspx>.
- Meyer, J.L., M.J. Paul and W.K. Taulbee (2005). "Stream ecosystem function in urbanizing landscapes," *Journal of the North American Benthological Society*, **24** (3), 602–12.
- Milesi, C., S.W. Running, C.D. Elvidge, J.B. Dietz, B.T. Tuttle and R.R. Nemani (2005). "Mapping and modeling the biogeochemical cycling of turf grasses in the United States," *Environmental Management*, **36** (3), 426–38.
- Miller, G.W. (2006). "Integrated concepts in water reuse: managing global water needs," *Desalination*, **187**, 65–75.
- Miller, J.D., H. Kim, T.R. Kjeldsen, J. Packman, S. Grebby and R. Dearden (2014). "Assessing the impact of urbanization on storm runoff in a peri-urban catchment using historical change in impervious cover," *Journal of Hydrology*, **515**, 59–70.
- Miller, M.A., B.A. Byrne, S.S. Jang, E.M. Dodd, E. Dorfmeier, M.D. Harris, J. Ames, J. et al. (2010). "Enteric bacterial pathogen detection in southern sea otters (*Enhydra lutris nereis*) is associated with coastal urbanization and freshwater runoff," *Veterinary Research*, **41** (1), 1–13.
- Mills, William R. Jr, Susan Bradford, Martin Rigby and Michael Wehner (1998). "Groundwater recharge at the Orange County water district," in

- Takashi Asano (ed.), *Wastewater Reclamation and Reuse*, Water Quality Management library, vol. 10, Boca Raton, FL: CRC Press, pp. 1105–36.
- Ministerial Advisory Council for the Living Melbourne, *Living Victoria Plan for Water* (2011). “Living Melbourne, Living Victoria roadmap,” March, accessed 1 September 2014 at [http://www.depi.vic.gov.au/\\_\\_data/assets/pdf\\_file/0009/176472/3770\\_DSE\\_Living\\_Victoria\\_Road\\_map\\_1.3MG.pdf](http://www.depi.vic.gov.au/__data/assets/pdf_file/0009/176472/3770_DSE_Living_Victoria_Road_map_1.3MG.pdf).
- Minkler, Dana, M., V.B. Vasquez and A.C. Baden (2006). “Community-based participatory research as a tool for policy change: a case study of the Southern California environmental justice collaborative,” *Review of Policy Research*, **23** (2), 339–53.
- Mitchell, K., N. Wimbush, C. Harty, G. Lampy and G. Sharpley (2008a). “Victorian desalination project environment effects statement report of the inquiry to the Minister for Planning,” accessed 3 July 2009 at <http://www.dpi.vic.gov.au>.
- Mitchell, V.G., H.A. Cleugh, C.S.B. Grimmond and J. Xu (2008b). “Linking urban water balance and energy balance models to analyse urban design options,” *Hydrological Processes*, **22**, 2891–900.
- Mohadjer, J. and D.L. Rice (2004). *Water Conservation Annual Report*, West Jordan: Jordan Valley Water Conservancy District.
- Molotch, H. (1976). “The city as a growth machine: toward a political economy of place,” *American Journal of Sociology*, **82**, 309–30.
- Monash University (2008). “Submission to the Victorian Environment and Natural Resources Committee: inquiry into Melbourne’s future water supply,” Melbourne: Monash University.
- Mono Lake Newsletter* (2014). “Celebrating Mono Basin Stream Restoration Agreement,” Special Report for Mono Lake Committee Members, March.
- Morin, Monte (2012). “Some climate scientists, in a shift, link weather to global warming,” *Los Angeles Times*, 12 October.
- Morse, C.C., A.D. Huryn and C. Cronan (2003). “Impervious surface area as a predictor of the effects of urbanization on stream insect communities in Maine, USA,” *Environmental Monitoring and Assessment*, **89** (1), 95–127.
- Moy, Candace (2012). “Rainwater tank households: water savers or water users?,” *Geographical Research*, **50** (2), 204–16.
- Mueller, E.C. and T.A. Day (2005). “The effect of urban ground cover on microclimate, growth and leaf gas exchange of oleander in Phoenix, Arizona,” *International Journal of Biometeorology*, **49**, 244–55.
- Mulholland, Catherine (2002). *William Mulholland and the Rise of Los Angeles*, Berkeley, CA: University of California Press.
- Murray, C.G. and A.J. Hamilton (2010). “Perspectives on wastewater

- treatment wetlands and waterbird conservation,” *Journal of Applied Ecology*, **47**, 976–85.
- Murray, K.B. and G. Häubl (2007). “Explaining cognitive lock-in: the roll of skill-based habits of use in consumer choice,” *Journal of Consumer Research*, **34**, 77–88.
- Museu d’Historia de Barcelona (2012). “Water/Barcelona: a guide to urban history,” available at [http://museuhistoria.bcn.cat/sites/default/files/guiaaiguabcn.478\\_0.pdf](http://museuhistoria.bcn.cat/sites/default/files/guiaaiguabcn.478_0.pdf).
- Muthukumar, S., K. Baskaran and N. Sexton (2011). “Quantification of potable water savings by residential water conservation and reuse: a case study,” *Resources, Conservation and Recycling*, **55** (11), 945–52.
- National Research Council (2012). *Water Reuse: Expanding the Nation’s Water Supply Through Reuse of Municipal Wastewater*, Washington, DC: The National Academies Press.
- Nellor, M.H. and R. Larson (2010). “Assessment of approaches to achieve nationally consistent reclaimed water standards,” Alexandria, VA: Water Reuse Research Foundation.
- New York City (2011). “History of New York City’s water supply system,” available at [http://www.nyc.gov/html/dep/html/drinking\\_water/history.shtml](http://www.nyc.gov/html/dep/html/drinking_water/history.shtml).
- New York City Department of Environmental Protection (2010). *New York City 2010 Drinking Water Supply and Quality Report*, Flushing, NY: NY DEP.
- New York State Department of Environmental Conservation (2010a). “New York City watershed program,” available at <http://www.dec.ny.gov/land58597.html>.
- New York State Department of Environmental Conservation (2010b). “Facts about the New York City watershed,” available at <http://www.dec.ny.gov/lands/58524.html>.
- Nicholson, N., S.E. Clark, B.V. Long, J. Spicher and K.A. Steele (2009). “Rainwater harvesting for non-potable use in gardens: a comparison of runoff water quality from green vs. traditional roofs,” in *Proceedings of World Environmental and Water Resources Congress*, Kansas City, MO, 17–21 May, Reston, VA: ASCE.
- Nieswiadomy, M.L. (1992). “Estimating urban residential water demand: effects of price structure, conservation, and education,” *Water Resources Research*, **28** (3), 609–15.
- Nieswiadomy, M.L. and D.J. Molina (1989). “Comparing residential water demand estimates under decreasing and increasing block rates using household data,” *Land Economics*, **65** (3), 280–89.
- Novotny, Vladimir (2010). “Water and energy footprints for sustainable communities,” *Proceedings of the Singapore International Water Week*

- Conference, 28 June–2 July, available at <http://aquanovallc.com/wp-content/uploads/2010/12/Singapore-2010.pdf>.
- Nowak, D.J., D.E. Crane and J.C. Stevens (2006). “Air pollution removal by urban trees and shrubs in the United States,” *Urban Forestry & Urban Greening*, **4**, 115–23.
- Nowak, D. and J. Dwyer (2007). “Understanding the benefits and costs of urban forest ecosystems,” in J.E. Kuser (ed.), *Urban and Community Forestry in the Northeast*, Dordrecht: Springer, pp. 25–46.
- OCWD/OCSD Partnership (2004). “The OCWD/OCSD partnership,” Orange County Water District, Fountain Valley, CA, available at <http://www.ocwd.com/gwrs/the-ocwdocsd-partnership/>.
- O’Driscoll, M., S. Clinton, A. Jefferson, A. Manda and S. McMillan (2010). “Urbanization effects on watershed hydrology and in-stream processes in the southern United States,” *Water*, **2** (3), 605–48.
- Office of Living Victoria (2014). Melbourne, Victoria, available at <http://www.livingvictoria.vic.gov.au/index.html>.
- Office of the Premier (2007). “Desalination and pipelines to secure water supplies,” media release, Department of Premier and Cabinet, 19 June, accessed 24 August 2009 at <http://www.dpc.vic.gov.au>.
- Olivera, Marcela and Jorge Viana (2003). “Winning the water war,” *Human Rights Dialogue*, Spring, pp. 10–11.
- Ometo, J.P.H.B., L.A. Martinelli, M.V. Ballester, A. Gessner, A.V. Krusche, R.L. Victoria and M. Williams (2000). “Effects of land use on water chemistry and macroinvertebrates in two streams of the Piracicaba river basin, south-east Brazil,” *Freshwater Biology*, **44** (2), 327–37.
- Orange County Community Indicators Project (2011). “Orange County 2011 community indicators,” available at <http://ocgov.com/civicax/filebank/blobdload.aspx?BlobID=4098>.
- Ostrega, S.F. (1996). “New York City: where conservation, rate relief and environmental policy meet,” report, New York Department of Environmental Protection, Bureau of Water and Energy Conservation.
- Ostrom, E. (2010). “Beyond markets and states: polycentric governance of complex economic systems,” *American Economic Review*, **100** (June), 1–33.
- Otaki, Y., M. Otaki and O. Sakura (2007). “Water systems and urban sanitation: a historical comparison of Tokyo and Singapore,” *Journal of Water and Health*, **5** (2), 259–65.
- Padowski, Julie C., Steven M. Gorelick, Barton H. Thompson, Scott Rozelle and Scott Fendorf (2015). “Assessment of human–natural system characteristics influencing global freshwater supply vulnerability,” *Environmental Research Letters*, **10**, 104014.
- Pahl-Wostl, C. (2005). Information, public empowerment, and the

- management of urban watersheds, *Environmental Modelling & Software*, **20**, 457–67.
- Pahl-Wostl, C., J. Sendzimir, P. Jeffrey, J. Aerts, G. Berkamp and K. Cross (2007). “Managing change toward adaptive water management through social learning,” *Ecology & Society*, **12** (2).
- Parolari, Anthony J., Gabriel G. Katul and Amilcare Porporato (2015). “The Doomsday Equation and 50 years beyond: new perspectives on the human-water system,” *WIREs Water*, **2** (4), 407–14.
- Pellow, David N. (2002). *Garbage Wars: The Struggle for Environmental Justice in Chicago*, Cambridge, MA: MIT Press.
- Perreault, Thomas (2005). “State restructuring and the scale politics of rural water governance in Bolivia,” *Environment and Planning A*, **37** (2), 263–84.
- Persson, J., N.L.G. Somes and T.H.F. Wong (1999). “Hydraulics efficiency of constructed wetlands and ponds,” *Water Science & Technology*, **40** (3), 291–300.
- Petrucci, G., E. Rioust, J. Deroubaix and B. Tassin (2013). “Do storm water source control policies deliver the right hydrologic outcomes?” *Journal of Hydrology*, **485**, 188–200.
- Petrucci, G., F. Rodriguez, J.F. Deroubaix and B. Tassin (2014). “Linking the management of urban watersheds with the impacts on the receiving water bodies: the use of flow duration curves,” *Water Science & Technology*, **70** (1), 127–35.
- Pimentel, David, Bonnie Berger, David Filiberto and Michelle Newton (2004). “Water resources: agricultural and environmental issues,” *BioScience*, **54** (10), 909–18.
- Planning Institute Australia (2014). “Water and planning,” available at <http://www.planning.org.au/policy/water-and-planning>.
- Po, M., B.E. Nancarrow, Z. Leviston, N.B. Porter, G.J. Syme and J.D. Kaercher (2005). “Predicting community behaviour in relation to wastewater reuse: what drives decisions to accept or reject?,” *Water for a Healthy Country: National Research Flagships*, Perth: CSIRO Land and Water.
- Poff, N.L. and J.K.H. Zimmerman (2010). “Ecological responses to altered flow regimes: a literature review to inform the science and management of environmental flows,” *Freshwater Biology*, **55** (1), 194–205.
- Pomeroy, Earl (1965). *The Pacific Slope: A History of California, Oregon, Washington, Idaho, Utah, and Nevada*, New York: Alfred A. Knopf.
- Post, Allison (2009). “The paradoxical politics of water metering in Argentina,” in *Poverty in Focus*, International Policy Centre for Inclusive Growth, **18**, August, Bureau for Development Policy, UNDP, pp. 16–18.
- Potts, J. (2009). “The innovation deficit in public services: the curious

- problem of too much efficiency and not enough waste and failure,” *Innovation: Management, Policy & Practice*, **11**, 34–43.
- Proenca, L.C., E. Ghisi, D.D.F. Tavares and G.M. Coelho (2011). “Potential for electricity savings by reducing potable water consumption in a city scale,” *Resources, Conservation and Recycling*, **55**, 960–65.
- Purcell, Nicholas (1994). “The arts of government,” in John Boardman, Jasper Griffin and Oswyn Murray (eds), *The Roman World*, Oxford: Oxford University Press, pp. 150–81.
- Reeves, R.L., S.B. Grant, R.D. Mrse, C.M.C. Oancea, B.F. Sanders and A.B. Boehm (2004). “Scaling and management of fecal indicator bacteria in runoff from a coastal urban watershed in Southern California,” *Environmental Science & Technology*, **38**, 2637–48.
- Reheis, M.C. (1997). “Dust deposition downwind of Owens (dry) Lake: 1991–1994: preliminary findings,” *Journal of Geophysical Research*, **102**, 25999–6008.
- Reichold, L., E.M. Zechman, E.D. Brill and H. Holmes (2010). “Simulation optimization framework to support sustainable watershed development by mimicking the predevelopment flow regime,” *Water Research*, **136** (3), 366–75.
- Reilly, J.F., A.J. Horne and C.D. Miller (1999). “Nitrate removal from a drinking water supply with large free surface constructed wetlands prior to groundwater recharge,” *Ecological Engineering*, **14**, 33–47.
- Renn, O. and M.C. Roco (2006). “White paper on nanotechnology risk governance,” Geneva: International Risk Governance Council.
- Rippy, M.A., R. Stein, B.F. Sanders, K. Davis, K. McLaughlin, J.F. Skinner, J. Kappeler and S.B. Grant (2014). “Small drains, big problems: the impact of dry weather runoff on shoreline water quality at enclosed beaches,” *Environmental Science & Technology*, **48**, 14168–77.
- Rogers, E.M. (1983). *Diffusion of Innovations*, New York: Free Press.
- Rose, S. and N.E. Peters (2001). “Effects of urbanization on streamflow in the Atlanta area (Georgia, USA): a comparative hydrological approach,” *Hydrological Processes*, **15** (8), 1441–57.
- Rosenzweig, C. and W.D. Solecki (eds) (2001). “Climate change and a global city: the potential consequences of climate variability and change – Metro East Coast,” New York: Columbia Earth Institute, Columbia University, available at [http://metroeast\\_climate.ciesin.columbia.edu/](http://metroeast_climate.ciesin.columbia.edu/).
- Rosenzweig, C., D.C. Major, K. Demong, C. Stanton, R. Horton and M. Stults (2007). “Managing climate change risks in New York City’s water system: assessment and adaptation planning,” *Mitigation and Adaptation Strategies for Global Change*, **12** (8), 1391–409.
- Rotmans, J., R. Kemp and M. van Asselt (2001). “More evolution than



- revolution: transition management in public policy," *Foresight*, **3** (1), 15–31.
- Rousseau, D.P.L., E. Lesage, A. Story, P.A. Vanrolleghem and N. De Pauw (2008). "Constructed wetlands for water reclamation," *Desalination*, **218** (1–3), 181–9.
- Roy, A.H., L.K. Rhea, A.L. Mayer, W.D. Shuster, J.J. Beaulieu, M.E. Hopton, M.A. Morrison and A.S. Amand (2014). "How much is enough? Minimal responses of water quality and stream biota to partial retrofit storm water management in a suburban neighborhood," *PLoS One*, **9** (1), e85011.
- Roy, A.H., S.J. Wenger, T.D. Fletcher, C.J. Walsh, A.R. Ladson, W.D. Shuster, H.W. Thurston, and R.R. Brown (2008). "Impediments and solutions to sustainable, watershed-scale urban storm water management: lessons from Australia and the United States," *Environmental Management*, **42**, 344–59.
- Saha, D. and R.G. Paterson (2008). "Local government efforts to promote the 'three As' of sustainable development: survey in medium to large cities in the U.S.," *Journal of Planning Education and Research*, **28**, 21–37.
- Saliba, C. and K. Gan (2012). "Energy density maps in water demand management," Report No. E6109 to the Yarra Valley Water District, Melbourne: Yarra Valley Water.
- Satterthwaite, D. (2000). "Will most people live in cities?," *British Medical Journal*, **321** (7269), 1143–5.
- SCCWRP (Southern California Coastal Water Research Project) (2010). *Project Area: Dry-Weather Runoff Pollutant Loading*, Costa Mesa, CA: SCCWRP.
- Schnaiberg, A. and K.A. Gould (1994). *Environment and Society: The Enduring Conflict*, New York: St Martin's.
- Schnoor, J.L. (2009). "NEWater future?," *Environmental Science & Technology*, **43**, 6441–2.
- Schroeder, E., G. Tchobanoglous, H.L. Leverenz and T. Asano (2012). *Direct Potable Reuse: Benefits for Public Water Supplies, Agriculture, the Environment, and Energy Conservation*, Fountain Valley, CA: National Water Research Institute.
- Scott, W.R. (2013). *Institutions and Organizations: Ideas, Interests, and Identities*, 4th edn, Thousand Oaks, CA: Sage.
- Selbig, W.R. and R.T. Bannerman (2008). *A Comparison of Runoff Quantity and Quality from Two Small Basins Undergoing Implementation of Conventional and Low-Impact-Development (LID) Strategies: Cross Plains, Wisconsin, Water Years 1999–2005*, U.S. Geological Survey report 2008–5008, Washington, DC: U.S. Geological Survey.

- Sessions, George (1995). *Deep Ecology for the 21st Century*, Boston, MA: Shambhala Publications.
- Shaughnessy, Edward L. (2000). *China: Empire and Civilization*, Oxford: Oxford University Press.
- Shove, Elizabeth (2003a). *Comfort, Cleanliness and Convenience*, Oxford: Berg.
- Shove, Elizabeth (2003b). "Converging conventions of comfort, cleanliness and convenience," *Journal of Consumer Policy*, **26** (4), 395–418.
- Shuster, W.D., J. Bonta, H. Thurston, E. Warnemuende and D.R. Smith (2005). "Impacts of impervious surface on watershed hydrology: a review," *Urban Water Journal*, **2** (4), 263–75.
- Shuster, W. and L. Rhea (2013). "Catchment-scale hydrologic implications of parcel-level storm water management (Ohio USA)," *Journal of Hydrology*, **485**, 177–87.
- Siriwardene, N., M. Quilliam and P. Roberts (2011). "How effective is Target 155 in Melbourne? Insight from climate correction modelling," paper presented at the 4th AWA National Water Efficiency Conference, Melbourne.
- Smart Water Fund (2002). "Smart water fund changes," City West Water, South East Water, Yarra Valley Water, Melbourne Water and the Department of Environment and Primary Industries, available at <http://www.smartwater.com.au>.
- Smith, A. and A. Stirling (2010). "The politics of social-ecological resilience and sustainable sociotechnical transitions," *Ecology and Society*, **15**, 11–23.
- Sofoulis, Zoë (2005). "Big water, everyday water: a sociotechnical perspective," *Continuum: Journal of Media & Cultural Studies*, **19** (4), 445–63.
- Sofoulis, Zoë (2006). "Changing water cultures," in E. Probyn, S. Muecke and A. Shoemaker (eds), *Creating Value: The Humanities and Their Publics*, Canberra: Australian Academy of the Humanities, pp. 105–15.
- Sofoulis, Zoë and Carolyn Williams (2008). "From pushing atoms to growing networks: cultural innovation and co-evolution in urban water conservation," *Social Alternatives*, **27** (3), 50–57.
- Srinivasan, V., S.M. Gorelick and L. Goulder (2010). "Sustainable urban water supply in south India: Desalination, efficiency improvement, or rainwater harvesting?," *Water Resources Research*, **46**, W10504.
- Starr, K. (1985). *Inventing the Dream: California through the Progressive Era*, New York: Oxford University Press.
- Stephens and Associates Inc. (2013). "Hydrologic characterization and water balance development, Newport Bay Watershed, Swamp of the Frogs, Orange County, California," technical report prepared for Orange

- County Public Works, Albuquerque, NM: Daniel B. Stephens and Associates Inc.
- Stevens, T.H., J. Miller and C. Willis (1992). "Effect of price structure on residential water demand," *Journal of the American Water Resources Association*, **28**, 681–5.
- Stokes, J.R. and A. Horvath,(2009). "Energy and air emission effects of water supply," *Environmental Science & Technology*, **43** (8), 2680–87.
- Sule, S. (2003). "Understanding our civic issues: Mumbai's water supply," Mumbai: The Bombay Community Public Trust.
- Supski, Sian and Jo Lindsay (2013). *Australian Domestic Water Use Cultures: A Literature Review*, Melbourne: Cooperative Research Centre for Water Sensitive Cities.
- Surbeck, C.Q., S.C. Jiang and S.B. Grant (2010). "Ecological control of fecal indicator bacteria in an urban stream," *Environmental Science & Technology*, **44**, 631–7.
- Swyngedouw, Eric (2007). "Water, money, and power," *Socialist Register*, **43**, 195–212.
- Taylor, S.L., S.C. Roberts, C.J. Walsh and B.E. Hatt (2004). "Catchment urbanization and increased benthic algal biomass in streams: linking mechanisms to management," *Freshwater Biology*, **49** (6), 835–51.
- The Age* (2014). "Office of Living Victoria killed off by new government," 12 December, available at <http://www.theage.com.au/victoria/office-of-living-victoria-killed-off-by-new-government-20141212-125vmd.html>.
- Tokyo Waterworks Bureau (2013). "Outline of the Tokyo Waterworks Bureau," available at [http://www.waterprofessionals.metro.tokyo.jp/pdf/wst\\_02.pdf](http://www.waterprofessionals.metro.tokyo.jp/pdf/wst_02.pdf).
- Tortajada, C. (2006). "Who has access to water? Case study of Mexico City Metropolitan Area," Human Development Report Office Occasional Paper, available at [http://www.unwater.org/fileadmin/templates/unwater/unwater\\_new/images/teaser.png](http://www.unwater.org/fileadmin/templates/unwater/unwater_new/images/teaser.png).
- Tortajada, C. and E. Casteian (2003). "Water management for a megacity: Mexico City Metropolitan Area," *Ambio*, **32** (2), 124–9.
- Townsend-Small, A. and C.I. Czimczik (2010). "Carbon sequestration and greenhouse gas emissions in urban turf," *Geophysical Research Letters*, **37** (2).
- Townsend-Small, A., D.E. Pataki, H. Liu, Z. Li, Q. Wu and B. Thomas (2013). "Increasing summer river discharge in southern California, USA, linked to urbanization," *Geophysical Research Letters*, **40** (17), 4643–7.
- Turner, A., S. White, K. Beatty and A. Gregory (2004). "Results of the largest residential demand management program in Australia," Study Report, Sydney: Institute for Sustainable Futures for Sydney Water Corporation.

- Turner, B.L. and Jeremy A. Sabloff (2012). "Classic period collapse of the Central Maya Lowlands: insights about human–environment relationships for sustainability," *PNAS*, **109** (35), 13908–914.
- UN Water (2014). The United Nations Inter-agency Mechanism on all Freshwater Related Issues. <http://www.unwater.org/statistics/statistics-detail/en/c/246663/>.
- UNESCO-IHE – Institute for Water Education (2011). *Water Solutions – UNESCO-IHE in Partnership*, Delft: UNESCO.
- United Nations Human Settlements Programme (2011). *Cities and Climate Change: Global Report on Human Settlements, 2011*, London: Earthscan.
- U.S. Department of the Interior, Bureau of Reclamation (USBR) (2008). "Summary of smart controller water savings studies: literature review of water savings studies for weather and soil moisture based landscape irrigation control devices," Final Technical Memorandum No. 86-68210-SCAO-01.
- U.S. Environmental Protection Agency (U.S. EPA) (1972). Clean Water Act, 33 U.S.C. §1251 et seq.
- U.S. Environmental Protection Agency (U.S. EPA) (2004). *Guidelines for Water Reuse*, Washington, DC. EPA/624/R-04/108.
- U.S. Environmental Protection Agency (U.S. EPA) (2012). "Chapter 3 – Development and Implementation of The TMDL – Guidance for Water Quality-Based Decisions: The TMDL Process," March 2012 update.
- U.S. Environmental Protection Agency (U.S. EPA) (2016). "National Pollutant Discharge Elimination System (NPDES)," available at <http://cfpub.epa.gov/npdes/>.
- Utz, R.M., K.N. Eshleman and R.H. Hilderbrand (2011). "Variation in physicochemical responses to urbanization in streams between two Mid-Atlantic physiographic regions," *Ecological Applications*, **21**, 402–15.
- Van de Meene, S., R.R. Brown and M.A. Farrelly (2011). "Towards understanding governance for sustainable urban water management," *Global Environmental Change*, **21** (3), 1117–27.
- Van der Brugge, R. and J. Rotmans (2007). "Towards transition management of European water resources," *Water Resources Management*, **21**, 249–67.
- VanderBrug, Brian (2009). "In the Owens Valley, resentment again flows with the water," *Los Angeles Times*, 16 May, B-1.
- Varon, M.P. and D. Mara (2004). "Waste stabilisation ponds," IRC International Water and Sanitation Centre.
- Vietz, G.J., M.J. Sammonds, C.J. Walsh, T.D. Fletcher, I.D. Rutherford and M.J. Stewardson (2014). "Ecologically relevant geomorphic attributes of streams are impaired by even low levels of watershed effective imperviousness," *Geomorphology*, **206**, 67–78.

- Village of Croton (2010). "History of the New Croton Dam," available at [http://village.croton-on-hudson.ny.us/public\\_documents/croton\\_hudsonny\\_webdocs/historicalsociety/crotondam](http://village.croton-on-hudson.ny.us/public_documents/croton_hudsonny_webdocs/historicalsociety/crotondam).
- Vorosmarty, C.J., P. Green, J. Salisbury and R.B. Lammers (2000). "Global water resources: vulnerability from climate change and population growth," *Science*, **289** (5477), 284–8.
- Victoria Water Management Strategy (VWMS) (1994). Catchment and Land Protection Act 1994 (the CaLP Act), available at <http://delwp.vic.gov.au/water/governing-water-resources/catchment-management-authorities#sthash.9pJN4HVS.dpuf>.
- Walsh, Chris (2007). "The keys to restoring the Yarra River," paper presented at the seminar "Water quality in the Yarra River," Port Phillip and Westernport Catchment Management Authority and Yarra Riverkeepers Association, Melbourne, 15 June.
- Walsh, C.J., T.D. Fletcher and M.J. Burns (2012). "Urban storm water runoff: a new class of environmental flow problem," *PLoS One*, **7** (9), e45814.
- Walsh, C.J., T.D. Fletcher and A.R. Ladson (2005b). "Stream restoration in urban catchments through redesigning storm water systems: looking to the catchment to save the stream," *Journal of the North American Benthological Society*, **24**, 690–705.
- Walsh, C.J. and J. Kunapo (2009). "The importance of upland flow paths in determining urban effects on stream ecosystems," *Journal of the North American Benthological Society*, **28** (4), 977–90.
- Walsh, C.J., A.H. Roy, J.W. Feminella, P.D. Cottingham, P.M. Groffman and R.P. Morgan (2005a). "The urban stream syndrome: current knowledge and the search for a cure," *Journal of the North American Benthological Society*, **24** (3), 706–23.
- Walton, J. (1993). *Western Times and Water Wars: State, Culture, and Rebellion in California*, Berkeley, CA: University of California Press.
- Wang, U. (2014). "New technology tools aim to reduce water use," *The Wall Street Journal*, 18 May.
- Water Education Foundation (2013). *Layperson's Guide to Integrated Regional Water Management*, Sacramento, CA: Water Education Foundation.
- Water Innovation Centre (2013). "Governance and management," International Institute for Sustainable Development, available at <http://www.iisd.org/wic/research/governance/>.
- Watson, F., R. Vertessy, T. McMahon, B. Rhodes and I. Watson (2001). "Improved methods to assess water yield changes from paired-catchment studies: application to the Maroondah catchments," *Forest Ecology and Management*, **143** (1), 189–204.

- Welty, C., L. Band, R.T. Bannerman, D.B. Booth, R.R. Horner, C.R. O'Melia, R.E. Pitt et al. (2009). *Urban Stormwater Management in the United States*, Water Science and Technology Board, Washington, DC: National Research Council.
- Wenger, S.J., A.H. Roy, C.R. Jackson, E.S. Bernhardt, T.L. Carter, S. Filoso and C.A. Gibson (2009). "Twenty-six key research questions in urban stream ecology: an assessment of the state of the science," *Journal of the North American Benthological Society*, **28** (4), 1080–98.
- Westchester County Department of Planning (2009). *The Croton Plan for Westchester: The Comprehensive Croton Watershed Water Quality Protection Plan*, September, available at [www.westchestergov.com/crotonplan](http://www.westchestergov.com/crotonplan).
- Willensky, Elliot and Norval White (1988). *American Institute of Architects Guide to New York City*, 3rd edn, Orlando, FL: Harcourt Brace.
- Williams, W.D. (2001). "Anthropogenic salinization of inland waters," *Hydrobiologia*, **466**, 329–37.
- Willoughby, L. 1999. *Flowing through Time: A History of the Lower Chattahoochee River*, Tuscaloosa, AL: University of Alabama Press.
- Wong, S. (2007). "China bets on massive water transfers to solve crisis," *International Rivers*, 15 December, reproduced from *World Rivers Review*.
- Wong, Tony H.F., R. Allen, J. Beringer, R.R. Brown, V. Chaudhri, A. Deletić, T.D. Fletcher et al. (2011). *Blueprint 2011: Stormwater Management in a Water Sensitive City*, Centre for Water Sensitive Cities, University of Melbourne.
- World Civil Society Forum (2002). *Strengthening International Cooperation*, Geneva, available at <http://www.worldcivilsociety.org/pages/164>.
- World Health Organization (WHO) (2006). "WHO guidelines for the safe use of wastewater, excreta and greywater," Geneva: World Health Organization.
- World Health Organization (2014). "Water-related diseases," 1 June, Geneva: World Health Organization.
- World Resources Institute (2012). "AQUEDUCT – Measuring and mapping water risk," Washington, DC: World Resources Institute.
- Wu, Z., J. McKay and G. Keremane (2012). "Issues affecting community attitudes and intended behaviors in stormwater reuse: A case study of Salisbury, South Australia," *Water*, **4** (4), 835–47.
- Yarra Riverkeepers (2015a). "Description," available at [http://yarrariver.org.au/?page\\_id=14](http://yarrariver.org.au/?page_id=14).
- Yarra Riverkeepers (2015b). "River issues," available at [http://yarrariver.org.au/?page\\_id=18](http://yarrariver.org.au/?page_id=18).
- Yusuf, K.A. (2007). "Evaluation of groundwater quality characteristics in Lagos City," *Journal of Applied Sciences*, **7** (13), 1780–84.

- Zérah, M.H. (2008). "Splintering urbanism in Mumbai: contrasting trends in a multilayered society," *Geoforum*, **39**, 1922–32.
- Zhang, L., W.R. Dawes and G.R. Walker (1999). *Predicting the Effect of Vegetation Changes on Catchment Average Water Balance; Technical Report 99/12*, Cooperative Research Centre for Catchment Hydrology: Victoria, Australia.
- Zhang, L., W.R. Dawes and G.R. Walker (2001). "Response of mean annual evapotranspiration to vegetation changes at catchment scale," *Water Resources Research*, **37** (3), 701–708.

## SELECTED PRIMARY SOURCES ON MELBOURNE

- City of Melbourne. Eastern Melbourne Parks and Gardens Stormwater Harvesting Scheme 2013. Accessed 24 September 2014 at <http://www.environment.gov.au/node/25191>.
- City West Water. Altona Recycled Water Project Information Sheet. Accessed 1 September 2014 at [http://www.citywestwater.com.au/documents/Altona\\_RW\\_Project.pdf](http://www.citywestwater.com.au/documents/Altona_RW_Project.pdf).
- City West Water, South East Water, Yarra Valley Water, Melbourne Water. Melbourne Joint Water Conservation Plan. Annual Report 2010/2011.
- Darling Street Stormwater Harvesting Project. Accessed 1 September 2014 at <http://www.clearwater.asn.au/resource-library/case-studies/darling-street-stormwater-harvesting-project.php>.
- Melbourne Water. 2013 Water Plan. Accessed 1 September 2014 at [http://melbournewater.com.au/aboutus/reportsandpublications/Documents/Melbourne\\_Water\\_2013\\_Water\\_Plan.pdf](http://melbournewater.com.au/aboutus/reportsandpublications/Documents/Melbourne_Water_2013_Water_Plan.pdf).
- Ministerial Advisory Council for the Living Melbourne, Living Victoria Plan for Water. Living Melbourne, Living Victoria Roadmap 2011, March. Accessed 1 September 2014 at [http://www.depi.vic.gov.au/\\_\\_data/assets/pdf\\_file/0009/176472/3770\\_DSE\\_Living\\_Victoria\\_Roadmap\\_1.3MG.pdf](http://www.depi.vic.gov.au/__data/assets/pdf_file/0009/176472/3770_DSE_Living_Victoria_Roadmap_1.3MG.pdf).
- Office of Living Victoria. State Government of Victoria. Melbourne's Water Future 2013, July. Accessed 1 September 2014 at [http://www.livingvictoria.vic.gov.au/PDFs/Melbourne's\\_Water\\_Future\\_full.pdf](http://www.livingvictoria.vic.gov.au/PDFs/Melbourne's_Water_Future_full.pdf).
- Official launch of Darling Street Stormwater Harvesting Project. 10 June 2012. Accessed 1 September 2014 at <http://www.clearwater.asn.au/news/official-launch-of-darling-street-stormwater-harvesting-project.php>.
- Southern Rural Water, Melbourne Water, URS. Regional Environment

- Improvement Plan Werribee Irrigation District Class A Recycled Water Scheme. Accessed 16 September 2014 at [http://www.srw.com.au/Files/Technical\\_reports/WID\\_REIP\\_Final\\_July\\_2009.pdf](http://www.srw.com.au/Files/Technical_reports/WID_REIP_Final_July_2009.pdf).
- State Government of Victoria. Right Water. Accessed 24 September 2014 at <http://www.rightwater.vic.gov.au/list.html>.
- Yarra Valley Water. Wallan Sewage Treatment Plant Fact Sheet. Accessed 1 September 2014 at <https://www.yvw.com.au/yvw/groups/public/documents/document/yvw1002064.pdf>.
- Yarra Valley Water. Whittlesea Sewage Treatment Plant Fact Sheet. Accessed 1 September 2014 at <http://www.yvw.com.au/yvw/groups/public/documents/document/yvw1002065.pdf>.



