

Appendix A. Publications included in the in-depth review

ID	Authors	Year	Publication title	Source title
P001	Araral E., Ratra S.	2016	Water governance in India and China: comparison of water law, policy and administration	Water Policy
P002	Araral E., Yu DJ.	2013	Comparative water law, policies, and administration in Asia: evidence from 17 countries	Water Resources Research
P003	Argento D., Grossi G., Thomasson A.	2011	Governance and control of externalized water service management: comparing solutions adopted in Italy and Sweden	Corporate Ownership and Control
P004	Benson D., Gain A.K., Rouillard J.J.	2015	Water governance in a comparative perspective: from IWRM to a 'nexus' approach?	Water Alternatives
P005	Benson D., Jordan A.	2010	The scaling of water governance tasks: a comparative federal analysis of the European Union and Australia	Environmental Management
P006	Benson D., Jordan A., Smith L.	2013	Is environmental management really more collaborative? A comparative analysis of putative 'paradigm shifts' in Europe, Australia, and the United States	Environment and Planning
P007	Benson D., Jordan A., Huitema D.	2012	Involving the public in catchment management: an analysis of the scope for learning lessons from abroad	Environmental Policy and Governance
P008	Bettini Y., Brown R.R., de Haan F.J.	2015	Exploring institutional adaptive capacity in practice: examining water governance adaptation in Australia	Ecology and Society
P009	Beucher S.	2009	National/local policy tensions in flood risk management: an international comparison	Environmental Hazards
P010	Blomquist W., Dinar A., Kemper K.E.	2007	Comparative analysis of case studies	Integrated River Basin Management through Decentralization
P011	Bohn N., Goetten W.J.	2015	Groundwater Governance in the States of São Paulo, Paraná, Santa Catarina and Rio Grande Do Sul: An Analysis from the Instruments of the National Water Resources Policy	Proceedings - 2015 9th International Conference on Complex, Intelligent, and Software Intensive Systems

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P012	Borowski I., Le Bourhis J.-P., Pahl-Wostl C., Barraqué B.	2008	Spatial misfit in participatory river basin management: Effects on social learning, a comparative analysis of German and French case studies	Ecology and Society
P013	Bréthaut C.	2016	River management and stakeholders' participation: The case of the Rhone River, a fragmented institutional setting	Environmental Policy and Governance
P014	Brisbois M.C., de Loë R.C.	2017	Natural resource industry involvement in collaboration for water governance: influence on processes and outcomes in Canada	Journal of Environmental Planning and Management
P015	Brown C.	2015	Scale and subnational resource management: Transnational initiatives in the salish sea region	Review of Policy Research
P016	Brown C., Ruiz J.L.C., Lowery N., Wright R.	2003	Comparative analysis of transborder water management strategies: case studies on the US-Mexican border	The U.S.-Mexican Border Environment: Binational Water Management Planning
P017	Brown J.	2014	Evaluating participatory initiatives in south africa: Not just processes but outcomes too	SAGE Open
P018	Brown R.R., Sharp L., Ashley R.M.	2006	Implementation impediments to institutionalising the practice of sustainable urban water management	Water Science and Technology
P019	Chai Y., Schoon M.	2016	Institutions and government efficiency: Decentralized irrigation management in China	International Journal of the Commons
P020	Cuadrado-Quesada G.	2014	Groundwater governance and spatial planning challenges: examining sustainability and participation on the ground	Water International
P021	da Costa Silva G.	2011	Assessing environmental justice of community-based watershed management: A tool to build adaptive capacity in Latin America?	Local Environment
P022	de Boer C., Vinke-de Kruijf J., Özerol G., Bressers H.	2016	Collaborative Water Resource Management: What makes up a supportive governance system?	Environmental Policy and Governance
P023	Dinar A., Saleth R.M.	2005	Can water institutions be cured? A water institutions health index	Water Science and Technology: Water Supply
P024	Dombrowsky I., Hagemann N., Houdret A.	2014	The river basin as a new scale for water governance in transition countries? A comparative study of Mongolia and Ukraine	Environmental Earth Sciences

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P025	Doorn N.	2017	Allocating responsibility for environmental risks: A comparative analysis of examples from water governance	Integrated Environmental Assessment and Management
P026	Eberhard R., Margerum R., Vella K., Mayere S., Taylor B.	2017	The practice of water policy governance networks: An international comparative case study analysis	Society and Natural Resources
P027	Edelenbos J., Meerkerk I., van Leeuwen C.	2015	Vitality of complex water governance systems: Condition and evolution	Journal of Environmental Policy and Planning
P028	Erickson A.	2015	Efficient and resilient governance of social–ecological systems	Ambio
P029	Fournier M., Larrue C., Alexander M., Hegger D., Bakker M., Pettersson M., Crabbé A., Mees H., Chorynski A.	2016	Flood risk mitigation in Europe: How far away are we from the aspired forms of adaptive governance?	Ecology and Society
P030	Franks T., Bdliya H., Mbuya L.	2011	Water governance and river basin management: Comparative experiences from nigerian and Tanzania	International Journal of River Basin Management
P031	Garrick D., Siebentritt M.A., Aylward B., Bauer C.J., Purkey A.	2009	Water markets and freshwater ecosystem services: Policy reform and implementation in the Columbia and Murray-Darling Basins	Ecological Economics
P032	Gemmer M., Wilkes A., Vaucel L.M.	2011	Governing climate change adaptation in the EU and China: An analysis of formal institutions	Advances in Climate Change Research
P033	Grossi G., Thomasson A.	2011	Jointly owned companies as instruments of local government: Comparative evidence from the swedish and italian water sectors	Policy Studies
P034	Hamidov A., Thiel A., Zikos D.	2015	Institutional design in transformation: A comparative study of local irrigation governance in Uzbekistan	Environmental Science and Policy
P035	Harris L., Kleiber D., Goldin J., Darkwah A., Morinville C.	2016	Intersections of gender and water: comparative approaches to everyday gendered negotiations of water access in underserved areas of Accra, Ghana and Cape Town, South Africa	Journal of Gender Studies

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P036	Harris LM, Alatout S	2010	Negotiating hydro-scales, forging states: Comparison of the upper Tigris/Euphrates and Jordan River basins	Political Geography
P037	Heikkila T.	2004	Institutional boundaries and common-pool resource management: A comparative analysis of water management programs in california	Journal of Policy Analysis and Management
P038	Herrala M.E., Huotari H., Haapasalo H.J.O.	2012	Governance of Finnish waterworks - A DEA comparison of selected models	Utilities Policy
P039	Hill Clarvis M., Engle N.L.	2013	Adaptive capacity of water governance arrangements: a comparative study of barriers and opportunities in Swiss and US states	Regional Environmental Change
P040	Holley C., Sinclair D., Lopez-Gunn E., Schlager E.	2016	Conjunctive management through collective action	Integrated Groundwater Management: Concepts, Approaches and Challenges
P041	Hughes S.	2013	Authority Structures and Service Reform in Multilevel Urban Governance: The Case of Wastewater Recycling in California and Australia	Urban Affairs Review
P042	Huntjens P., Pahl-Wostl C., Grin J.	2010	Climate change adaptation in European river basins	Regional Environmental Change
P043	Huntjens P., Pahl-Wostl C., Rihoux B., Schlüter M., Flachner Z., Neto S., Koskova R., Dickens C., Kiti I.N.	2011	Adaptive water management and policy learning in a changing climate: A formal comparative analysis of eight water management regimes in Europe, Africa and Asia	Environmental Policy and Governance
P044	Hurlbert M.	2009	Comparative water governance in the four western provinces	Prairie Forum
P045	Hurlbert M.A., Diaz H.	2013	Water governance in Chile and Canada: A comparison of adaptive characteristics	Ecology and Society
P046	Ibele B., Sandri S., Zikos D.	2016	Endogenous Versus Exogenous Rules in Water Management: An Experimental Cross-country Comparison	Mediterranean Politics
P047	Jacobs J.W.	1999	Comparing river basin development experiences in the Mississippi and the Mekong	Water International
P048	Jager N.W.	2016	Transboundary Cooperation in European Water Governance – A set-theoretic analysis of International River Basins	Environmental Policy and Governance
P049	Kadirbeyoglu Z., Özertan G.	2015	Power in the Governance of Common-Pool Resources: A comparative analysis of irrigation management decentralization in Turkey	Environmental Policy and Governance

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P050	Kayser G.L., Amjad U., Dalcanale F., Bartram J., Bentley M.E.	2015	Drinking water quality governance: A comparative case study of Brazil, Ecuador, and Malawi	Environmental Science and Policy
P051	Keessen A.M., van Kempen J.J.H., van Rijswijk M., Robbe J., Backes C.W.	2010	European river basin districts: Are they swimming in the same implementation pool?	Journal of Environmental Law
P052	Keskinen M., Guillaume J.H.A., Kattelus M., Porkka M., Räsänen T.A., Varis O.	2016	The water-energy-food nexus and the transboundary context: Insights from large Asian rivers	Water
P053	Knieper C., Holtz G., Kastens B., Pahl-Wostl C.	2010	Analysing water governance in heterogeneous case studies-Experiences with a database approach	Environmental Science and Policy
P054	Knieper C., Pahl-Wostl C.	2016	A Comparative Analysis of Water Governance, Water Management, and Environmental Performance in River Basins	Water Resources Management
P055	Knüppe K., Pahl-Wostl C., Vinke-de Kruijf J.	2016	Sustainable Groundwater Management: A Comparative Study of Local Policy Changes and Ecosystem Services in South Africa and Germany	Environmental Policy and Governance
P056	Larrue C., Bressers N., Bressers H.	2016	Towards a drought policy in north-west European regions?	Governance for Drought Resilience: Land and Water Drought Management in Europe
P057	Lawford R., Bogardi J., Marx S., Jain S., Pahl-Wostl C., Knüppe K., Ringler C., Lansigan F., Meza F.	2013	Basin perspectives on the water–energy–food security nexus	Current Opinion in Environmental Sustainability
P058	Lebel L., Nikitina E., Pahl-Wostl C., Knieper C.	2013	Institutional fit and river basin governance: A new approach using multiple composite measures	Ecology and Society
P059	Lieberherr E., Truffer B.	2015	The impact of privatization on sustainability transitions: A comparative analysis of dynamic capabilities in three water utilities	Environmental Innovation and Societal Transitions

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P060	Lopez-Gunn E.	2003	The role of collective action in water governance: A comparative study of groundwater user associations in La Mancha aquifers in Spain	Water International
P061	Lowry W.R.	2009	Policy changes on Canada's rivers: Different but not isolated	Review of Policy Research
P062	Mahalingam A., Devkar G.A., Kalidindi S.N.	2011	A comparative analysis of public- private partnership (PPP) coordination agencies in India: What works and what doesn't	Public Works Management and Policy
P063	Mees H., Suykens C., Crabbé A.	2017	Evaluating Conditions for Integrated Water Resource Management at Sub-basin Scale. A Comparison of the Flemish Sub-basin Boards and Walloon River Contracts	Environmental Policy and Governance
P064	Mees H.L.P., Driessen P.P.J., Runhaar H.A.C.	2014	Legitimate adaptive flood risk governance beyond the dikes: The cases of Hamburg, Helsinki and Rotterdam	Regional Environmental Change
P065	Meijerink S., Huitema D	2010	Policy Entrepreneurs and Change Strategies: Lessons from Sixteen Case Studies of Water Transitions around the Globe	Ecology and Society
P066	Montaña E., Diaz H.P., Hurlbert M.	2016	Development, local livelihoods, and vulnerabilities to global environmental change in the South American Dry Andes	Regional Environmental Change
P067	Moore M.L.	2013	Perspectives of Complexity in Water Governance: Local Experiences of Global Trends	Water Alternatives
P068	Mosello B.	2015	How to deal with climate change?: Institutional adaptive capacity as a means to promote sustainable water governance	Springer
P069	Mukherji, A. Shah, T.	2005	Groundwater socio-ecology and governance: a review of institutions and policies in selected countries	Hydrogeology Journal
P070	Neville K.J.	2011	Adversaries versus partners: Urban water supply in the Philippines	Pacific Affairs
P071	Newig J., Fritsch O.	2009	Environmental Governance: Participatory, Multi-Level – and Effective?	Environmental Policy and Governance
P072	Nielsen H.T., Frederiksen P., Saarikoski H., Rytönen A.-M., Pedersen A.B.	2013	How different institutional arrangements promote integrated river basin management. Evidence from the Baltic Sea Region	Land Use Policy
P073	Pahl-Wostl C., Becker G., Knieper C., Sendzimir J.	2013	How multilevel societal learning processes facilitate transformative change: A comparative case study analysis on flood management	Ecology and Society

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P074	Pahl-Wostl C., Knieper C.	2014	The capacity of water governance to deal with the climate change adaptation challenge: Using fuzzy set Qualitative Comparative Analysis to distinguish between polycentric, fragmented and centralized regimes	Global Environmental Change
P075	Pahl-Wostl C., Lebel L., Knieper C., Nikitina E.	2012	From applying panaceas to mastering complexity: Toward adaptive water governance in river basins	Environmental Science and Policy
P076	Poddar R., Qureshi M.E., Shi T.	2014	A Comparison of Water Policies for Sustainable Irrigation Management: The Case of India and Australia	Water Resources Management
P077	Rabelo D.C., Espluga J., Teixeira E.C., Brugué Q.	2014	Citizenship participation in water management plans in the Doce River Basin, Brazil and Catalonia, Spain	Water Policy
P078	Ravesteijn W., Song X., Wennersten R.	2009	The 2000 EU water framework directive and Chinese water management: Experiences and perspectives	WIT Transactions on Ecology and the Environment
P079	Ross A.	2016	Groundwater governance in Australia, the European union and the western usa	Integrated Groundwater Management: Concepts, Approaches and Challenges
P080	Schlager E., Heikkila T.	2009	Resolving water conflicts: A comparative analysis of interstate river compacts	Policy Studies Journal
P081	Scott T.	2015	Does Collaboration Make Any Difference? Linking Collaborative Governance to Environmental Outcomes	Journal of Policy Analysis and Management
P082	Sehring J.	2009	The politics of water institutional reform in neopatrimonial states: A comparative analysis of Kyrgyzstan and Tajikistan	The Politics of Water Institutional Reform in Neopatrimonial States: A Comparative Analysis of Kyrgyzstan and Tajikistan
P083	Serrao-Neumann S., Renouf M., Kenway S.J., Low Choy D.	2017	Connecting land-use and water planning: Prospects for an urban water metabolism approach	Cities
P084	Silveira A., Junier S., Hüesker F., Qunfang F., Rondorf A.	2016	Organizing cross-sectoral collaboration in river basin management: case studies from the Rhine and the Zhujiang (Pearl River) basins	International Journal of River Basin Management

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P085	Speelman S., Frija A., Buysse J., Van Huylbroeck G.	2011	The importance of irrigation water rights: Lessons from South Africa and Tunisia	Water Policy
P086	Srinivasan V., Lambin E.F., Gorelick S.M., Thompson B.H., Rozelle S.	2012	The nature and causes of the global water crisis: Syndromes from a meta-analysis of coupled human-water studies	Water Resources Research
P087	Swamikannu X., Radulescu D., Young R., Allison R.	2003	A comparative analysis: Storm water pollution policy in California, USA and Victoria, Australia	Water Science and Technology
P088	Teamsuwan V., Satoh M.	2009	Comparative analysis of management of three water users' organizations: Successful cases in the Chao Phraya Delta, Thailand	Paddy and Water Environment
P089	Van Buuren A., Vink M., Warner J.	2016	Constructing authoritative answers to a latent crisis? Strategies of puzzling, powering and framing in Dutch climate adaptation practices compared	Journal of Comparative Policy Analysis: Research and Practice
P090	Varady R.G., Zuniga-Teran A.A., Gerlak A.K., Megdal S.B.	2016	Modes and approaches of groundwater governance: A survey of lessons learned from selected cases across the globe.	Water
P091	Venot J.-P., de Fraiture C., Acheampong E.N.	2012	Revisiting dominant notions: A review of costs, performance and institutions of small reservoirs in sub-Saharan Africa	IWMI Research Report
P092	Vink M.J., Benson D., Boezeman D., Cook H., Dewulf A., Termeer C.	2015	Do state traditions matter? comparing deliberative governance initiatives for climate change adaptation in dutch corporatism and British pluralism	Journal of Water and Climate Change
P093	Vinnaria E.M., Hukkab J.J.	2010	An international comparison of the institutional governance of water utility asset management and its implications for Finland	Water Policy
P094	Wang Y., Mukherjee M., Wu D., Wu X.	2016	Combating river pollution in China and India: Policy measures and governance challenges	Water Policy
P095	Wehn U., Rusca M., Evers J., Lanfranchi V.	2015	Participation in flood risk management and the potential of citizen observatories: A governance analysis	Environmental Science and Policy

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P096	Wiering M., Kaufmann M., Mees H., Schellenberger T., Ganzevoort W., Hegger D.L.T., Larrue C., Matczak P.	2017	Varieties of flood risk governance in Europe: How do countries respond to driving forces and what explains institutional change?	Global Environmental Change
P097	Wiering M., Verwijmeren J.	2012	Limits and Borders: Stages of Transboundary Water Management	Journal of Borderlands Studies
P098	Wu H., Leong C.	2016	A composite framework of river sustainability: Integration across time, space and interests in the Yellow River and Ganges River	Water Policy
P099	Wu X., Ching L.	2013	The French model and water challenges in developing countries: Evidence from Jakarta and Manila	Policy and Society
P100	Yang Y.	2009	From decentralized autonomy to central governance: Case of Murray-Darling River Basin and its implication for the governance of Tai Lake Basin	2009 International Conference on Management Science and Engineering - 16th Annual Conference Proceedings
P101	Yu H.	2016	Can water users' associations improve water governance in China? A tale of two villages in the Shiyang River basin	Water International
P102	Yu H.H., Edmunds M., Lora-Wainwright A., Thomas D.	2016	Governance of the irrigation commons under integrated water resources management - a comparative study in contemporary rural China	Environmental Science and Policy
P103	Zhao C., Wang P., Zhang G.	2015	A comparison of integrated river basin management strategies: a global perspective	Physics and Chemistry of the Earth
P104	Zingraff-Hamed A., Greulich S., Wantzen K.M., Pauleit S.	2017	Societal drivers of European water governance: a comparison of urban river restoration practices in France and Germany	Water