

## CITY Blueprint Reports and Publications

We publish nearly all our work in open-access publications and the work of Stef Koop has formed the basis for his PhD in 2019. Here are the most relevant papers:

- Van Leeuwen, C.J., Frijns, J., van Wezel, A., van de Ven, F.H.M. 2012. City Blueprints: 24 indicators to assess the sustainability of the urban water cycle. *Water Resources Management* 26: 2177–2197.
- Van Leeuwen, C.J., Chandy, P.C. 2013. The city blueprint: experiences with the implementation of 24 indicators to assess the sustainability of the urban water cycle *Water Science and Technology: Water Supply* 13.3 769-781.
- Van Leeuwen, C.J. and N-P Bertram. 2013. Baseline assessment and best practices in urban water cycle services in the city of Hamburg. *Bluefacts* 2013: 10-16. <http://wvgw.de/blaettern/bluefacts/2013/>
- Van Leeuwen, C.J. 2013. City Blueprints: baseline assessment for water management in 11 cities of the future. *Water Resources Management* 27:5191–5206 DOI 10.1007/s11269-013-0462-5
- Van Leeuwen, K. 2014. Too little water in too many cities. *Learning Discourse. Integrated Environmental Assessment and Management* 11/1: 171-173. <http://onlinelibrary.wiley.com/doi/10.1002/ieam.1596/pdf>
- Easton, P., Sjerps, R., Van Leeuwen, K. (2015). Istanbul, City of Water. *Revolve Magazine. Water & Energy Around the Mediterranean*, 20-29. Available at: [http://issuu.com/revolve-magazine/docs/water\\_\\_energy\\_around\\_the\\_mediterra](http://issuu.com/revolve-magazine/docs/water__energy_around_the_mediterra)
- Van Leeuwen, C.J., Sjerps, R. (2015). The City Blueprint of Amsterdam. An assessment of integrated water resources management in the capital of the Netherlands. *Water Science and Technology; Water Supply* 15.2: 4040-410. Available at: [http://www.eip-water.eu/City\\_Blueprints\(click on documents\)](http://www.eip-water.eu/City_Blueprints(click%20on%20documents))
- Van Leeuwen, C.J., NP Dan and C. Dieperink. (2015). The challenges of water governance in Ho Chi Minh City. *Integrated Environmental Assessment and Management*. DOI: 10.1002/ieam.1664. <http://onlinelibrary.wiley.com/doi/10.1002/ieam.1664/abstract>
- Koop, S.H.A. and C.J. Van Leeuwen. (2015). Application of the Improved City Blueprint Framework in 45 municipalities and regions. *BlueSCities Deliverable D2.2. Coordination and Support Action 642354 of the European Commission (KWR report 2015.025)*, 130 pp. <http://www.bluescities.eu/wp-content/uploads/2015/09/D-2-2-BlueSCities-642354-Final-03-08-2015.pdf>.
- Koop, S.H.A. and C.J. Van Leeuwen. (2015). Assessment of the Sustainability of Water Resources Management: A Critical Review of the City Blueprint Approach. *Water Resources Management*. 29:5649–5670. DOI: 10.1007/s11269-015-1139-z .
- Koop, S.H.A. and C.J. Van Leeuwen. (2015). Application of the Improved City Blueprint Framework in 45 municipalities and regions. *Water Resources Management*, 29(13), 4629-4647. DOI: 10.1007/s11269-015-1079-7.
- Stef Koop, Kees van Leeuwen, Alexandre Bredimas, Mona Arnold, Christos Makropoulos and Frederic Clarens (2015). D2.3. Compendium of best practices for water, waste water, solid waste and climate adaptation. (KWR report 2015.025) <http://www.bluescities.eu/project->

view/compendium-of-best-practices-for-water-wastewater-solid-waste-and-climate-adaptation/.

- Van Leeuwen, CJ, Koop, SHA, Sjerps, RMA (2016). City Blueprints: baseline assessments of water management and climate change in 45 cities. *Environment, Development and Sustainability* 18 (4), 1113–1128. DOI 10.1007/s10668-015-9691-5. Open Access
- Van Leeuwen, C.J. and Sjerps R. (2016). Istanbul: the challenges of integrated water resources management in Europa's Megacity. *Environment, Development and Sustainability* Volume 18, Issue 1, pp 1-17. DOI 10.1007/s10668-015-9636-z.
- Drewes, J.E., Verstraete, W., Van Leeuwen, K., Elelman, R. 2016. The role of water in the circular economy. *The Source* (the quarterly magazine of the International Water Association), Q1, 62-67. <http://www.thesourcemagazine.org/the-role-of-water-in-the-circular-economy/>
- Van Leeuwen, K. and Koop, S. 2016. City Blueprints: Assessment of sustainable water management in European cities. *Global Water Forum*. Posted on March 21, 2016 in Urban Water. <http://www.globalwaterforum.org/2016/03/21/city-blueprints-assessment-of-sustainable-water-management-in-european-cities/>
- Koop, S.H.A. and Van Leeuwen, C.J. 2016. The challenges of water, waste and climate change in cities. *Global Water Forum*. Posted on June 13, 2016 in Governance, Urban Water, Water Quality. <http://www.globalwaterforum.org/2016/06/13/the-challenges-of-water-waste-and-climate-change-in-cities/>
- Anna Strzelecka, Stef Koop, Bogumil Ulanicki, Kees van Leeuwen, Ifigeneia Koutiva, Christos Makropoulos, C.Arena; N.Bazzurro; G.Capannelli; P-Castiglieri; A.Fortunato; S.Gianazzi; A.Marchese, Eetta Saarimäki, Mona Arnold, Cevza Melek Kazezyılmaz Alhan, Sezar Gülbaz. D3.2 Report on the four case studies. [http://www.bluescities.eu/wp-content/uploads/2015/08/BLUESCITIESD3.2\\_final.pdf](http://www.bluescities.eu/wp-content/uploads/2015/08/BLUESCITIESD3.2_final.pdf)
- Van Leeuwen, C.J. (2017). Water governance and the quality of water services in the city of Melbourne. *Urban Water Journal* 14(3):247 -254. DOI 10.1080/1573062X.2015;
- Koop S.H.A. and Leeuwen, C.J. (2017). The challenges of water, waste and climate change in cities. *Environment, Development and Sustainability* 19(2): 385–418. DOI :10.1007/s10668-016-9760-4. <http://link.springer.com/article/10.1007%2Fs10668-016-9760-4>
- Gawlik BM, Easton P, Koop S, Van Leeuwen K, Elelman R (eds) 2017. *Urban Water Atlas for Europe*. European Commission, Publication Office of the European Union, Luxembourg, 160 pp. ISBN: 978-92-79-63050-7; DOI: 10.2788/003176. The Urban Water Atlas for Europe can be obtained from the EU Bookshop.
- Koop SHA, Koetsier L, Doornhof A, Reinstra O, Van Leeuwen CJ, Brouwer S, Dieperink C, Driessen PPJ (2017) Assessing the Governance Capacity of Cities to Address Challenges of Water, Waste, and Climate Change. *Water Resources Management*. 31(11), 3427-3443. doi:10.1007/s11269-017-1677-7
- Koop S.H.A., Aartsen M., Goswami B., Oost J., Schmidt G., Van Leeuwen C.J. (2017). City Blueprint Approach: Key opportunities for India's urban water challenges. *Water Digest India*, March 22: 66-73. [http://thewaterdigest.com/Emagazine\\_2017/magazine.html](http://thewaterdigest.com/Emagazine_2017/magazine.html)
- Van Leeuwen CJ, Koop SHA (2017) E-Brochure of the City Blueprint Approach <https://www.eip-water.eu/sites/default/files/E-Brochure%20City%20Blueprint%20Approach%20%28v8-SEPT%202017%29.pdf>

- Schreurs, E., Koop, S.H.A., Van Leeuwen, C.J (2018). Application of the City Blueprint Approach to assess the challenges of water management and governance in Quito (Ecuador). *Environment, Development and Sustainability* 20(2): 509-525. DOI 10.1007/s10668-017-9916-x
- Feingold, D, Koop S, Van Leeuwen K (2018) The City Blueprint Approach: Urban Water Management and Governance in Cities in the U.S. *Environmental Management* (2018) 61:9–23 DOI: 10.1007/s00267-017-0952-y
- Van Leeuwen K, de Vries E, Roest, K en Koop, S. (2018) The Energy & Raw Materials Factory of the Dutch Water Authorities: its Role in the Circular Economy of the Netherlands. *Environmental Management* 61(5):786-795 <https://doi.org/10.1007/s00267-018-0995-8>
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- Aartsen M., Koop S.H.A., Hegger D.L.T., Goswami B., Oost J. and Van Leeuwen C.J. (2018) Towards meaningful science-policy interaction: Lessons from a systematic water governance analysis in the city of Ahmedabad, India *Regional Environmental Change* 18(8) 2445–2457; <https://doi.org/10.1007/s10113-018-1363-1>
- Marketa Šteflová, Steven Koop, Richard Elelman, Jordi Vinyoles, Kees Van Leeuwen (2018). Governing Non-Potable Water-reuse to Alleviate Water Stress: the Case of Sabadell, Spain. *Water* 2018, 10(6), 739; <https://doi.org/10.3390/w10060739>
- Koop SHA, Monteiro Gomes F, Schoot L, Dieperink C, Driessen PPJ and Van Leeuwen CJ. Assessing the capacity to govern flood risk in cities. The role of contextual factors. *Sustainability* 2018, 10(8), 2869; <https://doi.org/10.3390/su10082869>
- Trommsdorff, C, Koop, S, van Leeuwen, K (2018) Water Challenges and Water Management in European Cities. The European Report for the World Water Forum (WWF8) (submitted and under final editing).
- Kim H., Son J., Lee S., Koop S., van Leeuwen K., Choi Y.J., Park J. Assessing Urban Water Management Sustainability of a Megacity: Case Study of Seoul, South Korea. *Water* 2018, 10, 682. doi: [10.3390/w10060682](https://doi.org/10.3390/w10060682)
- Rahmasya AN, Robert S, Chang I-S, Jing W Park J, Bluemling B, Koop S, V Leeuwen K (2019) Overcoming the challenges of water, waste and climate change in Asian cities. *Environmental Management* 63(4), 520-535. <http://link.springer.com/article/10.1007/s00267-019-01137-y>
- Madonsela BT, Koop SHA, Van Leeuwen CJ, Carden KJ (2019). Improving the capacity to govern water challenges in urban South Africa – an indicator assessment approach. Proceedings of the Water Institute of Southern Africa (WISA) WISA biennial conference and exhibition, Cape Town SA 2019, <https://www.eip-water.eu/sites/default/files/Madonsela%20et%20al%20-%20WISA%202018%20final.pdf>
- Madonsela BT, Koop SHA, Van Leeuwen CJ, Carden KJ (2019). Evaluation of Water Governance Processes Required to Transition towards Water Sensitive Urban Design—An Indicator Assessment Approach for the City of Cape Town. *Water* 2019, 11(2), 292; <https://doi.org/10.3390/w11020292>
- Nicklin H, Leicher AM, Dieperink C, Van Leeuwen K. Understanding the Costs of Inaction—An Assessment of Pluvial Flood Damages in Two European Cities *Water* 2019, 11(4), 801; <https://doi.org/10.3390/w11040801>

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- Munkhsuld E, Ochir A, Koop S, van Leeuwen K, Batbold T (2020) Application of the City Blueprint Approach in Landlocked Asian Countries: A Case Study of Ulaanbaatar, Mongolia. Water, 12-199; doi:10.3390/w12010199 <https://www.mdpi.com/2073-4441/12/1/199>
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