

**Table S1. The results of keyword analysis for Second-level indicators for Wuhan documents analyzed**

Second level indicators	W1	W2	W3	Wuhan mean
Water supply and utilisation	27.7%	11.5%	3.95%	14.4%
Water recycle	4.30%	3.84%	1.51%	3.22%
Water Resource Endowment	34.4%	31.1%	16.4%	27.3%
Water source safety	9.75%	6.21%	6.29%	7.42%
Flood Resilience and Drainage	3.67%	4.66%	18.6%	8.98%
Water regulation guarantee	6.60%	8.90%	24.2%	13.2%
Water ecological status	4.02%	10.3%	17.8%	10.7%
Water ecological restoration	5.08%	11.8%	5.05%	7.31%
Cultural heritage	2.30%	9.36%	3.63%	5.10%
Public awareness	2.14%	2.17%	2.39%	2.23%

**Table S2. The results of First-level indicators for Wuhan**

	Water resources management	Water safety guarantee	Water ecological health	Water culture system
W1	66.4%	20.0%	9.11%	4.4%
W2	46.5%	19.7%	22.1%	11.5%
W3	21.9%	49.1%	22.9%	6.03%
Wuhan mean	44.9%	29.6%	18.0%	7.33%

**Table S3. The results of Second-level indicators for Cleveland**

Second-level indicators	C1	C2	C3	Cleveland mean
Water supply and utilisation	5.38%	39.4%	8.28%	17.6%
Water recycle	3.46%	0.650%	3.41%	2.51%
Water Resource Endowment	17.7%	10.0%	11.9%	13.2%
Water source safety	15.1%	4.20%	19.4%	12.9%
Flood Resilience and Drainage	9.75%	1.13%	5.85%	5.58%
Water regulation guarantee	20.3%	24.0%	31.9%	25.4%
Water ecological status	17.6%	0.00%	1.75%	6.47%
Water ecological restoration	7.08%	15.3%	12.5%	11.6%
Cultural heritage	2.22%	0.00%	1.07%	1.10%
Public awareness	1.19%	5.17%	3.61%	3.32%

**Table S4. The results of First-level indicators for Cleveland**

	Water resources management	Water safety guarantee	Water ecological health	Water culture system
C1	26.5%	45.3%	24.7%	3.40%
C2	50.0%	29.4%	15.3%	5.17%

<b>C3</b>	23.6%	57.3%	14.3%	4.68%
<b>Cleveland mean</b>	33.4%	44.0%	18.1%	4.42%

**Table S5. The results of Second-level indicators for Sydney**

<b>Second-level indicators</b>	<b>S1</b>	<b>S2</b>	<b>S3</b>	<b>Sydney mean</b>
Water supply and utilisation	14.7%	8.43%	32.5%	18.5%
Water recycle	16.0%	8.92%	7.79%	10.9%
Water Resource Endowment	10.5%	3.27%	7.35%	7.05%
Water source safety	8.52%	2.24%	5.27%	5.34%
Flood Resilience and Drainage	15.2%	6.82%	4.40%	8.81%
Water regulation guarantee	5.83%	59.8%	26.4%	30.6%
Water ecological status	19.1%	1.36%	1.26%	7.26%
Water ecological restoration	4.74%	4.45%	10.7%	6.64%
Cultural heritage	4.13%	3.52%	2.71%	3.45%
Public awareness	1.09%	1.20%	1.55%	1.28%

**Table S6. The results of First-level indicators for Sydney**

	<b>Water resources management</b>	<b>Water safety guarantee</b>	<b>Water ecological health</b>	<b>Water culture system</b>
<b>S1</b>	41.3%	29.5%	23.9%	5.22%
<b>S2</b>	20.6%	68.8%	5.81%	4.72%
<b>S3</b>	47.6%	36.0%	11.9%	4.26%
<b>Sydney mean</b>	36.5%	44.8%	13.9%	4.73%

**S1. Explanation of each evaluation index**

<b>Evaluation index</b>	<b>Explanation</b>
Average monthly precipitation in wet season	Monthly average rainfall for the six consecutive months with most rainfall
Average monthly precipitation in dry season	Monthly average rainfall for the six consecutive months with least rainfall
Water environment-related civic features	Civic features that have water environmental functions (e.g. water-culture museums and theatres, parks with water features, parks with water play areas)
Water resources per capita	Total water resources per capita (including groundwater and surface water)
Forest cover rate	The proportion of forest area in the city boundary to the total urban land area
Wetland area cover rate	The proportion of wetlands in the city boundary to the total urban land area. Natural wetlands include marshes, peatlands, lakes, rivers, beaches, and salt marshes. Artificial wetlands mainly include rice fields, reservoirs, and ponds.

Water function area water quality compliance rate	<p>Water function area: refers to the area designated by the government in order to protect the use function of the water body. The water quality in the area must meet the corresponding classification standards.</p> <p>Compliance rate: each functional area category has corresponding water quality index. If each index does not exceed the water quality standard value of this category, it is said to meet the standard.</p> <p>Water function area water quality compliance rate: the proportion of water bodies meeting the standard.</p>
Drinking water quality compliance rate	The proportion of the drinking water supplied to the urban area that meets drinking water standards
The population density	Number of people per unit urban land area
GDP per capita	The GDP achieved in a urban accounting period (usually one year) per resident in the urban area
Secondary industry output value as a percentage of GDP	<p>Proportion of output value of secondary industry in GDP.</p> <p>Secondary industries include manufacturing, extractive industries, construction and public works, hydropower, oil and gas, pharmaceutical manufacturing</p>
Tertiary industry output value as a percentage of GDP	<p>Proportion of output value of Tertiary industry in GDP</p> <p>The tertiary industry includes commerce, finance, transportation, communication, education, service and other non-material production sectors</p>
Water consumption per year	Average daily water consumption per capita.
Average water consumption per ha of farmland irrigation	Average irrigation water consumption per ha of farmland in the city boundary
Water consumption per GBP 10,000 of industrial added value	The water resources consumed to obtain the output industrial value of 10,000 GBP
Proportion of groundwater in water supply	Dependence of drinking water on groundwater
Sewage treatment compliance rate	The proportion of treated domestic sewage and industrial wastewater up to the standard in the total amount of treated water
Recycling rate of water used by industry	Proportion of water used by industry in the city that it recycled

## S2. Sources of Data for the index values for the 15 study cities

Indicator	Chengdu, Wuhan, Xiangyang, Zhuzhou and Suining; CN
A1	China Meteorological Data Service Centre. 'Monthly data set of China's terrestrial cumulative years'
A2	China Meteorological Data Service Centre. 'Monthly data set of China's terrestrial cumulative years'

A3	Chengdu, Wuhan, Xiangyang, Zhuzhou and Suining City Garden and Forestry Bureau. '2019 Annual Report on Government Information Disclosure of City Garden and Forestry Bureau'
A4	Municipal water authority (Chengdu, Wuhan, Xiangyang, Zhuzhou and Suining). '2018 (Chengdu, Wuhan, Xiangyang, Zhuzhou and Suining) Water Resources Bulletin'
B1	China statistics press. '2018 (Chengdu, Wuhan, Xiangyang, Zhuzhou and Suining) Statistical Yearbook'
B2	China statistics press. '2018 (Chengdu, Wuhan, Xiangyang, Zhuzhou and Suining) Statistical Yearbook'
B3	Changjiang River Scientific Research Institute. '2019 (Chengdu, Wuhan, Xiangyang, Zhuzhou and Suining) Water Ecological Civilization City Construction Pilot Technology Evaluation Report'
B4	Changjiang River Scientific Research Institute. '2019 (Chengdu, Wuhan, Xiangyang, Zhuzhou and Suining) Water Ecological Civilization City Construction Pilot Technology Evaluation Report'
C1	China statistics press. '2019 (Chengdu, Wuhan, Xiangyang, Zhuzhou and Suining) Statistical Yearbook'
C2	China statistics press. '2019 (Chengdu, Wuhan, Xiangyang, Zhuzhou and Suining) Statistical Yearbook'
C3	China statistics press. '2019 (Chengdu, Wuhan, Xiangyang, Zhuzhou and Suining) Statistical Yearbook'
C4	China statistics press. '2019 (Chengdu, Wuhan, Xiangyang, Zhuzhou and Suining) Statistical Yearbook'
D1	Municipal water authority (Chengdu, Wuhan, Xiangyang, Zhuzhou and Suining). '2018 (Chengdu, Wuhan, Xiangyang, Zhuzhou and Suining) Water Resources Bulletin'
D2	Municipal water authority (Chengdu, Wuhan, Xiangyang, Zhuzhou and Suining). '2018 (Chengdu, Wuhan, Xiangyang, Zhuzhou and Suining) Water Resources Bulletin'
D3	Chengjiang River Scientific Research Institute. '2019 (Chengdu, Wuhan, Xiangyang, Zhuzhou and Suining) Water Ecological Civilization City Construction Pilot Technology Evaluation Report'
D4	Changjiang River Scientific Research Institute. '2019 (Chengdu, Wuhan, Xiangyang, Zhuzhou and Suining) Water Ecological Civilization City Construction Pilot Technology Evaluation Report'
D5	Changjiang River Scientific Research Institute. '2019 (Chengdu, Wuhan, Xiangyang, Zhuzhou and Suining) Water Ecological Civilization City Construction Pilot Technology Evaluation Report'
D6	Municipal water authority (Chengdu, Wuhan, Xiangyang, Zhuzhou and Suining). '2018 (Chengdu, Wuhan, Xiangyang, Zhuzhou and Suining) Water Resources Bulletin'
<b>Indicator</b>	<b>Cleveland, USA</b>
A1	U.S. climate Data: <a href="https://www.usclimatedata.com/climate/cleveland/ohio/united-states/usoh1176">https://www.usclimatedata.com/climate/cleveland/ohio/united-states/usoh1176</a>
A2	U.S. climate Data: <a href="https://www.usclimatedata.com/climate/cleveland/ohio/united-states/usoh1176">https://www.usclimatedata.com/climate/cleveland/ohio/united-states/usoh1176</a>
A3	US Water Alliance. 'AN EQUITABLE WATER FUTURE Cleveland'

A4	CITY OF CLEVELAND, DIVISION OF WATER. 'Cleveland water 2018 water quality report'
B1	The Cleveland Tree Plan 2017
B2	The Cleveland Tree Plan 2017
B3	CITY OF CLEVELAND, DIVISION OF WATER. 'Cleveland water 2018 water quality report'
B4	CITY OF CLEVELAND, DIVISION OF WATER. 'Cleveland water 2018 water quality report'
C1	World population available at <a href="https://worldpopulationreview.com/us-cities/cleveland-population/">https://worldpopulationreview.com/us-cities/cleveland-population/</a>
C2	U.S. Bureau of Labor statistics. 'Economic report of Cleveland 2018'
C3	Federal Reserve Bank of Cleveland. 2020. 'Cleveland—Improved Economic Conditions'
C4	Federal Reserve Bank of Cleveland. 2020. 'Cleveland—Improved Economic Conditions'
D1	CITY OF CLEVELAND, DIVISION OF WATER. 'Cleveland water 2018 water quality report'
D2	United States Geological Survey water resources. 'USGS Water Use Data for Ohio in 2018'
D3	United States Geological Survey water resources. 'USGS Water Use Data for Ohio in 2018'
D4	City of Cleveland, Division of Drinking and Ground Waters. 2018. 'Ground Water in Ohio'
D5	US Water Alliance. 'AN EQUITABLE WATER FUTURE Cleveland'
D6	Ohio Environmental Protection Agency. 'Ohio 2018 Integrated Water Quality Monitoring and Assessment Report'

Indicator	Minneapolis, USA
A1	U.S. climate Data Available at: <a href="https://www.usclimatedata.com/climate/minneapolis/minnesota/united-states/usmn0503">https://www.usclimatedata.com/climate/minneapolis/minnesota/united-states/usmn0503</a>
A2	U.S. climate Data Available at: <a href="https://www.usclimatedata.com/climate/minneapolis/minnesota/united-states/usmn0503">https://www.usclimatedata.com/climate/minneapolis/minnesota/united-states/usmn0503</a>
A3	Meet Minneapolis. 2020. Amusement & Waterparks - Meet Minneapolis. [online] Available at: < <a href="https://www.minneapolis.org/things-to-do/amusement-and-waterparks/">https://www.minneapolis.org/things-to-do/amusement-and-waterparks/</a> > [Accessed 24 June 2020]. <a href="https://www.minneapolis.org/parks__destinations/parks__lakes/">https://www.minneapolis.org/parks__destinations/parks__lakes/</a>
A4	Minneapolis Public works. 'About Minnesota water' [online] Available at: < <a href="http://minneapolismn.gov/publicworks/water/water_waterfacts">http://minneapolismn.gov/publicworks/water/water_waterfacts</a> >

A5	United States Department of Agriculture. 'Forests of Minnesota, 2018'
A6	United States Department of Agriculture. 'Forests of Minnesota, 2018'
A7	Minneapolis Public works. '2018 Water Quality Report'
A8	Minneapolis Public works. '2018 Water Quality Report'
A9	World population Available at <a href="https://worldpopulationreview.com/us-cities/minneapolis-population/">https://worldpopulationreview.com/us-cities/minneapolis-population/</a>
A10	U.S. Bureau of Labor statistics. 'Economic report of Minneapolis 2018'
A11	Colliers International   Minneapolis-St. Paul. '2018Minneapolis St Paul Overview'
A12	Colliers International   Minneapolis-St. Paul. '2018Minneapolis St Paul Overview'
A13	Minnesota Department of Natural resources. 'Minnesota Water Use Data 1988-2018'
A14	United States Geological Survey water resources. 'USGS Water Use Data for Minnesota in 2018'
A15	United States Geological Survey water resources. 'USGS Water Use Data for Minnesota in 2018'
A16	Minnesota Department of Natural Resources. 2020. <i>Groundwater</i> . [online] Available at: < <a href="https://www.dnr.state.mn.us/waters/groundwater_section/index.html">https://www.dnr.state.mn.us/waters/groundwater_section/index.html</a> > [Accessed 24 June 2020].
A17	Minnesota Department of Natural resources. 'MINNESOTA WATER CONSERVATION REPORT 2018'
A18	Minnesota Water Resources Centre. 'Advancing Safe and Sustainable Water Reuse in Minnesota 2018 REPORT OF THE INTERAGENCY WORKGROUP ON WATER REUSE'

Indicator	St. Paul, USA
A1	U.S. climate Data Available at: <a href="https://www.usclimatedata.com/climate/saint-paul/minnesota/united-states/usmn1299">https://www.usclimatedata.com/climate/saint-paul/minnesota/united-states/usmn1299</a>
A2	U.S. climate Data Available at: <a href="https://www.usclimatedata.com/climate/saint-paul/minnesota/united-states/usmn1299">https://www.usclimatedata.com/climate/saint-paul/minnesota/united-states/usmn1299</a>
A3	<a href="https://www.stpaul.gov/departments/parks-recreation/aquatics">https://www.stpaul.gov/departments/parks-recreation/aquatics</a>
A4	CITY OF SAINT PAUL COMPREHENSIVE PLAN. 'Water Resources Management '
B1	United States Department of Agriculture. 'Forests of Minnesota, 2018'
B2	Saint Paul Department of Parks and Recreation-Forestry Unit. 'Saint Paul, Minnesota Urban Canopy Assessment 2021'
B3	Saint Paul Regional Water Services. 'Water Quality Report 2018'
B4	Saint Paul Regional Water Services. 'Water Quality Report 2018'
C1	World population Available at <a href="https://worldpopulationreview.com/us-cities/st-paul-population/">https://worldpopulationreview.com/us-cities/st-paul-population/</a>
C2	Minnesota Department of Employment and Economic Development. 'Compare Minnesota: See how Minnesota compares to other states'

C3	Colliers International   Minneapolis-St. Paul. '2018 Minneapolis St Paul Overview'
C4	Colliers International   Minneapolis-St. Paul. '2018 Minneapolis St Paul Overview'
D1	Minnesota Department of Natural resources. 'Minnesota Water Use Data 1988-2018'
D2	United States Geological Survey water resources. 'USGS Water Use Data for Minnesota in 2018'
D3	United States Geological Survey water resources. 'USGS Water Use Data for Minnesota in 2018'
D4	Minnesota Department of Natural Resources. 2020. <i>Groundwater</i> . [online] Available at: < <a href="https://www.dnr.state.mn.us/waters/groundwater_section/index.html">https://www.dnr.state.mn.us/waters/groundwater_section/index.html</a> > [Accessed 24 June 2020].
D5	Minnesota Department of Natural resources. 'MINNESOTA WATER CONSERVATION REPORT 2018'
D6	Minnesota Water Resources Centre. 'Advancing Safe and Sustainable Water Reuse in Minnesota 2018 REPORT OF THE INTERAGENCY WORKGROUP ON WATER REUSE'

Indicator	Toronto, Canada
A1	toronto.weatherstats.ca Available at: <a href="https://toronto.weatherstats.ca/charts/precipitation-monthly.html">https://toronto.weatherstats.ca/charts/precipitation-monthly.html</a>
A2	toronto.weatherstats.ca Available at: <a href="https://toronto.weatherstats.ca/charts/precipitation-monthly.html">https://toronto.weatherstats.ca/charts/precipitation-monthly.html</a>
A3	Counted by google information+ <a href="https://trca.ca/conservation/restoration/wetlands/">https://trca.ca/conservation/restoration/wetlands/</a> <a href="https://en.wikipedia.org/wiki/List_of_Toronto_parks">https://en.wikipedia.org/wiki/List_of_Toronto_parks</a>
A4	Toronto.ca. '2019 Drinking Water System Summary Report Final_AODA'
B1	Toronto.ca. 'SUSTAINING AND EXPANDING THE URBAN FOREST: TORONTO'S STRATEGIC FOREST MANAGEMENT PLAN 2012-2022'
B2	Environmental Commissioner of Ontario. '2018 Environmental Protection Report, Chapter 1-Protecting Southern Ontario's Wetlands'
B3	Toronto and Region Conservation Authority. 'Regional Watershed Monitoring Program: Surface Water Quality Summary, 2018'
B4	Toronto.ca. 'Drinking Water Analysis SUMMARY 2018'
C1	Canada Population 2018. 'Population of Toronto 2018' Available at:< <a href="https://canadapopulation2018.com/population-of-toronto-2018">https://canadapopulation2018.com/population-of-toronto-2018</a> >
C2	Toronto.ca. '2018 Issue Briefing: Toronto's Economy'

C3	Toronto.ca. 'Toronto's Economy, Labour Force & Demographics-Gross Domestic Product (GDP) for City'
C4	Toronto.ca. 'Toronto's Economy, Labour Force & Demographics-Gross Domestic Product (GDP) for City'
D1	Toronto.ca. 'City of Toronto average water consumption'
D2	Toronto.ca. 'Water Consumption Report 2018'
D3	Toronto.ca. '2018 Water and Wastewater Consumption Rates and Service Fees'
D4	Toronto and Region Conservation Authority. 'Environmental Monitoring and Data Management: Program Highlights 2018'
D5	Toronto.ca. 'Sewers and Water Supply By-laws 2017 Compliance and Enforcement Annual Report NORTH TORONTO TREATMENT PLANT 2019 Annual Report'
D6	Toronto.ca. 'ASHBRIDGES BAY WASTEWATER TREATMENT PLANT 2019 Annual Report' 'HIGHLAND CREEK TREATMENT PLANT 2019 Annual Report' 'HUMBER TREATMENT PLANT 2019 Annual Report' 'NORTH TORONTO TREATMENT PLANT 2019 Annual Report'

Indicator	Copenhagen, Denmark
A1	European climate-data Available at: <a href="https://en.climate-data.org/europe/denmark/capital-region-of-denmark/copenhagen-23/">https://en.climate-data.org/europe/denmark/capital-region-of-denmark/copenhagen-23/</a>
A2	European climate-data Available at: <a href="https://en.climate-data.org/europe/denmark/capital-region-of-denmark/copenhagen-23/">https://en.climate-data.org/europe/denmark/capital-region-of-denmark/copenhagen-23/</a>
A3	<a href="https://en.wikipedia.org/wiki/List_of_parks_and_open_spaces_in_Copenhagen">https://en.wikipedia.org/wiki/List_of_parks_and_open_spaces_in_Copenhagen</a>
A4	Danish Ministry of the environment. 'Water supply in Denmark'
B1	AARHUS UNIVERSITY. 2014. 'ESTIMATING LAND USE/LAND COVER CHANGES IN DENMARK FROM 1990 – 2012'
B2	AARHUS UNIVERSITY. 2014. 'ESTIMATING LAND USE/LAND COVER CHANGES IN DENMARK FROM 1990 – 2012'
B3	European Environment Agency. 2018. 'Surface water quality monitoring - summary: Denmark'
B4	Can you drink tap water in Copenhagen? 'Can you drink tap water in Copenhagen?' <a href="https://www.canyoudrinktapwaterin.com/copenhagen-tap-water/">https://www.canyoudrinktapwaterin.com/copenhagen-tap-water/</a>
C1	The london school of economics and political science. 2020. 'Copenhagen-Green Economy Leader Report'
C2	The london school of economics and political science. 2020. 'Copenhagen-Green Economy Leader Report'
C3	The london school of economics and political science. 2020. 'Copenhagen-Green Economy Leader Report'



C4	The london school of economics and political science. 2020. 'Copenhagen-Green Economy Leader Report'
D1	Danva. 'Water-in-figures_2018'
D2	Danish Agriculture & Food Council. 2019. 'Facts and Figures Denmark-a food and farming Country '
D3	Morten Bidstrup Yana Konstantinova Ramsheva. 2012. 'The Virtual Water Consumption of Denmark- an Application of the Water Footprint Methodology'
D4	Danish Ministry of the environment. 'Water supply in Denmark'
D5	Danva. 'Water-in-figures_2018'
D6	Statistics Denmark. 'Water and waste water' <a href="https://www.dst.dk/en/Statistik/emner/geografi-miljoe-og-energi/groent-nationalregnskab/vand-og-spildevand">https://www.dst.dk/en/Statistik/emner/geografi-miljoe-og-energi/groent-nationalregnskab/vand-og-spildevand</a>

Indicator	London, UK
A1	Metoffice.gov.uk. UK climate averages Available at: <a href="https://www.metoffice.gov.uk/research/climate/maps-and-data/uk-climate-averages/u10hb54gm">https://www.metoffice.gov.uk/research/climate/maps-and-data/uk-climate-averages/u10hb54gm</a>
A2	Metoffice.gov.uk. UK climate averages Available at: <a href="https://www.metoffice.gov.uk/research/climate/maps-and-data/uk-climate-averages/u10hb54gm">https://www.metoffice.gov.uk/research/climate/maps-and-data/uk-climate-averages/u10hb54gm</a>
A3	<a href="https://en.wikipedia.org/wiki/Parks_and_open_spaces_in_London">https://en.wikipedia.org/wiki/Parks_and_open_spaces_in_London</a>
A4	Thames Water. 'Final Water Resources Management Plan 2015 - 2040 Main Report'
B1	MAYOR OF LONDON. 'Trees and woodlands' Available at: <a href="https://www.london.gov.uk/what-we-do/environment/parks-green-spaces-and-biodiversity/trees-and-woodlands">https://www.london.gov.uk/what-we-do/environment/parks-green-spaces-and-biodiversity/trees-and-woodlands</a>
B2	London.gov.uk. 'VALUING LONDON'S URBAN FOREST Results of the London i-Tree Eco Project'
B3	MAYOR OF LONDON. 'Water quality' Available at: <a href="https://www.london.gov.uk/what-we-do/environment/climate-change/climate-adaptation/water-quality">https://www.london.gov.uk/what-we-do/environment/climate-change/climate-adaptation/water-quality</a>
B4	TripSavvy. 'Is Tap Water Safe to Drink in London and the UK?' <a href="https://www.tripsavvy.com/is-london-tap-water-safe-1583358">https://www.tripsavvy.com/is-london-tap-water-safe-1583358</a>
C1	Mayor of London London datastore. 'Land Area and Population Density, Ward and Borough Greater London Authority (GLA)' <a href="https://data.london.gov.uk/dataset/land-area-and-population-density-ward-and-borough">https://data.london.gov.uk/dataset/land-area-and-population-density-ward-and-borough</a>
C2	Office for National Statistics. 'Statistical bulletin Regional economic activity by gross domestic product, UK: 1998 to 2018'
C3	Office for National Statistics. 'Statistical bulletin Regional economic activity by gross domestic product, UK: 1998 to 2018'
C4	Office for National Statistics. 'Statistical bulletin Regional economic activity by gross domestic product, UK: 1998 to 2018'

D1	WWT. 2019. 'PR19 Challenge Report #5 Water consumption'
D2	The UK water partnership. 2015. 'Subreport-Agriculture's impacts on water availability'
D3	Thames Water. 'Final Water Resources Management Plan 2015 - 2040 Main Report'
D4	<a href="https://londonist.com/london/features/where-s-my-tap-water-from">https://londonist.com/london/features/where-s-my-tap-water-from</a>
D5	CITY OF LONDON ENVIRONMENTAL & ENGINEERING SERVICES DEPARTMENT WASTEWATER TREATMENT OPERATIONS. 2019. 'GREENWAY WASTEWATER TREATMENT CENTRE 2018 ANNUAL REPORT'
D6	Thames Water. 'Non-Potable Water Reuse as a Demand Management Option for WRMP19 Options Appraisal Report'

Indicator	Hamburg, Germany
A1	Weather Atlas. 'Hamburg, Germany-Detailed Climate Information And Monthly Weather Forecast'
A2	Weather Atlas. 'Hamburg, Germany-Detailed Climate Information And Monthly Weather Forecast'
A3	<a href="https://en.wikipedia.org/wiki/List_of_parks_and_gardens_in_Hamburg">https://en.wikipedia.org/wiki/List_of_parks_and_gardens_in_Hamburg</a> <a href="https://en.wikipedia.org/wiki/List_of_museums_in_Hamburg">https://en.wikipedia.org/wiki/List_of_museums_in_Hamburg</a>
A4	The German Association of Cities. 'Profile of the German Water Sector 2015'
B1	Federal Minister of Food and Agriculture. 2015. 'The Forests in Germany-Selected Results of the Third National Forest Inventory'
B2	Federal Minister of Food and Agriculture. 2015. 'The Forests in Germany-Selected Results of the Third National Forest Inventory'
B3	Hamburgh.com. 'Trinkwasser Analysedaten Hamburg' <a href="https://www.hamburg.com/residents/housing/12792124/water-quality/">https://www.hamburg.com/residents/housing/12792124/water-quality/</a>
B4	Hamburg Water Department. '2018 Annual Drinking Water Quality Report'
C1	Staff (2016), Hamburger Melderegister (PDF) (in German), Statistical office Hamburg and Schleswig-Holstein (Statistisches Amt für Hamburg und Schleswig-Holstein)
C2	CEICDATA. 'Germany GDP per Capita: Hamburg 1991 - 2019   Yearly   EUR   Federal Statistics Office Germany' <a href="https://www.ceicdata.com/en/germany/esa-2010-gdp-per-capita-by-region/gdp-per-capita-hamburg">https://www.ceicdata.com/en/germany/esa-2010-gdp-per-capita-by-region/gdp-per-capita-hamburg</a>
C3	CEICDATA. 'Germany GDP per Capita: Hamburg 1991 - 2019   Yearly   EUR   Federal Statistics Office Germany' <a href="https://www.ceicdata.com/en/germany/esa-2010-gdp-per-capita-by-region/gdp-per-capita-hamburg">https://www.ceicdata.com/en/germany/esa-2010-gdp-per-capita-by-region/gdp-per-capita-hamburg</a>

C4	CEICDATA. 'Germany GDP per Capita: Hamburg 1991 - 2019   Yearly   EUR   Federal Statistics Office Germany' <a href="https://www.ceicdata.com/en/germany/esa-2010-gdp-per-capita-by-region/gdp-per-capita-hamburg">https://www.ceicdata.com/en/germany/esa-2010-gdp-per-capita-by-region/gdp-per-capita-hamburg</a>
D1	VERSORGUNGSSICHERHEIT FÜR HAMBURG (Hamburg Wasser). 'GESCHÄFTSBERICHT 2019 VERSORGUNGSSICHERHEIT FÜR HAMBURG JAHRESABSCHLÜSSE DER GESELLSCHAFTEN' <a href="https://www.hamburgwasser.de/fileadmin/hhw-privatkunden/unternehmen/Geschaeftsberichte/Geschaeftsbericht_2019/hamburgwasser-geschaeftsbericht2019.pdf">https://www.hamburgwasser.de/fileadmin/hhw-privatkunden/unternehmen/Geschaeftsberichte/Geschaeftsbericht_2019/hamburgwasser-geschaeftsbericht2019.pdf</a>
D2	The German Association of Cities. 'Profile of the German Water Sector 2015'
D3	The German Association of Cities. 'Profile of the German Water Sector 2015'
D4	<a href="https://tappwater.co/us/can-i-drink-the-tap-water-in-hamburg/">https://tappwater.co/us/can-i-drink-the-tap-water-in-hamburg/</a>
D5	VERSORGUNGSSICHERHEIT FÜR HAMBURG (Hamburg Wasser). 'GESCHÄFTSBERICHT 2019 VERSORGUNGSSICHERHEIT FÜR HAMBURG JAHRESABSCHLÜSSE DER GESELLSCHAFTEN' <a href="https://www.hamburgwasser.de/fileadmin/hhw-privatkunden/unternehmen/Geschaeftsberichte/Geschaeftsbericht_2019/hamburgwasser-geschaeftsbericht2019.pdf">https://www.hamburgwasser.de/fileadmin/hhw-privatkunden/unternehmen/Geschaeftsberichte/Geschaeftsbericht_2019/hamburgwasser-geschaeftsbericht2019.pdf</a>
D6	VERSORGUNGSSICHERHEIT FÜR HAMBURG (Hamburg Wasser). 'GESCHÄFTSBERICHT 2019 VERSORGUNGSSICHERHEIT FÜR HAMBURG JAHRESABSCHLÜSSE DER GESELLSCHAFTEN' <a href="https://www.hamburgwasser.de/fileadmin/hhw-privatkunden/unternehmen/Geschaeftsberichte/Geschaeftsbericht_2019/hamburgwasser-geschaeftsbericht2019.pdf">https://www.hamburgwasser.de/fileadmin/hhw-privatkunden/unternehmen/Geschaeftsberichte/Geschaeftsbericht_2019/hamburgwasser-geschaeftsbericht2019.pdf</a>

Indicator	Melbourne, Australia
A1	Australian Government Bureau of Meteorology. Climate statistics for Australian locations Available at: <a href="http://www.bom.gov.au/jsp/ncc/cdio/cvg/av?p_stn_num=086071&amp;p_prim_element_index=0&amp;p_comp_element_index=0&amp;redraw=null&amp;p_display_type=statistics_summary&amp;normals_years=1991-2020&amp;tablesizebutt=normal">http://www.bom.gov.au/jsp/ncc/cdio/cvg/av?p_stn_num=086071&amp;p_prim_element_index=0&amp;p_comp_element_index=0&amp;redraw=null&amp;p_display_type=statistics_summary&amp;normals_years=1991-2020&amp;tablesizebutt=normal</a>
A2	Australian Government Bureau of Meteorology. Climate statistics for Australian locations Available at: <a href="http://www.bom.gov.au/jsp/ncc/cdio/cvg/av?p_stn_num=086071&amp;p_prim_element_index=0&amp;p_comp_element_index=0&amp;redraw=null&amp;p_display_type=statistics_summary&amp;normals_years=1991-2020&amp;tablesizebutt=normal">http://www.bom.gov.au/jsp/ncc/cdio/cvg/av?p_stn_num=086071&amp;p_prim_element_index=0&amp;p_comp_element_index=0&amp;redraw=null&amp;p_display_type=statistics_summary&amp;normals_years=1991-2020&amp;tablesizebutt=normal</a>
A3	<a href="https://whatson.melbourne.vic.gov.au/Placestogo/ParksandGardens/Pages/ParksandGardens.aspx?start=20">https://whatson.melbourne.vic.gov.au/Placestogo/ParksandGardens/Pages/ParksandGardens.aspx?start=20</a> <a href="https://whatson.melbourne.vic.gov.au/placestogo/museumsandlibraries/museums/pages/museums.aspx">https://whatson.melbourne.vic.gov.au/placestogo/museumsandlibraries/museums/pages/museums.aspx</a>
A4	Melbourne Water. 'Melbourne Water Annual Report 2018/19'
B1	Melbourne Water. 'Melbourne Water Annual Report 2018/19'
B2	Environment Defenders Office (Victoria) Ltd. 2012. 'Protecting Victorian Wetlands'
B3	Melbourne Water. 'Melbourne Water Annual Report 2018/19'

B4	Victoria State Government Health and Human Service. 'Annual report on drinking water quality in Victoria 2017–18 Delivering quality drinking water to Victorians'
C1	Idcommunity demographic resources. 'Greater Melbourne population density' <a href="https://profile.id.com.au/s_greater-melbourne/population-density">https://profile.id.com.au/s_greater-melbourne/population-density</a> <a href="https://profile.id.com.au/australia/about?WebID=260">https://profile.id.com.au/australia/about?WebID=260</a>
C2	SGS Economics & Planning. 2019. 'Economic performance of Australia's cities and regions'
C3	SGS Economics & Planning. 2019. 'Economic performance of Australia's cities and regions'
C4	SGS Economics & Planning. 2019. 'Economic performance of Australia's cities and regions'
D1	Melbourne Water. 'Melbourne Water Outlook 2019'
D2	Melbourne Water. 'Melbourne Water Annual Report 2018/19'
D3	Melbourne Water. 'Melbourne Water Annual Report 2018/19'
D4	<a href="https://www.melbournewater.com.au/water/water-facts-and-history/why-melbournes-water-tastes-great-tap">https://www.melbournewater.com.au/water/water-facts-and-history/why-melbournes-water-tastes-great-tap</a>
D5	Melbourne Water. 'Melbourne Water Outlook 2019'
D6	Melbourne Water. 'Melbourne Water Outlook 2019'

Indicator	Sydney, Australia
A1	Australian Government Bureau of Meteorology. Climate statistics for Australian locations Available at: <a href="http://www.bom.gov.au/jsp/ncc/cdio/cvg/av?p_stn_num=066062&amp;p_prim_element_index=0&amp;p_comp_element_index=0&amp;redraw=null&amp;p_display_type=statistics_summary&amp;normals_years=1991-2020&amp;tablesizebutt=normal">http://www.bom.gov.au/jsp/ncc/cdio/cvg/av?p_stn_num=066062&amp;p_prim_element_index=0&amp;p_comp_element_index=0&amp;redraw=null&amp;p_display_type=statistics_summary&amp;normals_years=1991-2020&amp;tablesizebutt=normal</a>
A2	Australian Government Bureau of Meteorology. Climate statistics for Australian locations Available at: <a href="http://www.bom.gov.au/jsp/ncc/cdio/cvg/av?p_stn_num=066062&amp;p_prim_element_index=0&amp;p_comp_element_index=0&amp;redraw=null&amp;p_display_type=statistics_summary&amp;normals_years=1991-2020&amp;tablesizebutt=normal">http://www.bom.gov.au/jsp/ncc/cdio/cvg/av?p_stn_num=066062&amp;p_prim_element_index=0&amp;p_comp_element_index=0&amp;redraw=null&amp;p_display_type=statistics_summary&amp;normals_years=1991-2020&amp;tablesizebutt=normal</a>
A3	<a href="https://www.cityofsydney.nsw.gov.au/explore/facilities/parks/local-parks">https://www.cityofsydney.nsw.gov.au/explore/facilities/parks/local-parks</a>
A4	<a href="https://www.waternsw.com.au/supply/Greater-Sydney/greater-sydneys-dam-levels">https://www.waternsw.com.au/supply/Greater-Sydney/greater-sydneys-dam-levels</a>
B1	<a href="https://www.cityofsydney.nsw.gov.au/live/trees/urban-forest">https://www.cityofsydney.nsw.gov.au/live/trees/urban-forest</a>
B2	R.T. Kingsford, K. Brandis, R. Thomas, P. Crighton, E. Knowles and E. Gale. 2003. 'The Distribution of Wetlands in New South Wales'
B3	Sydney Water. 'Quarterly Drinking Water Quality Report Macarthur Delivery System 1 October 2018 to 31 December 2018'
B4	Sydney Water. 'Quarterly Drinking Water Quality Report Macarthur Delivery System 1 October 2018 to 31 December 2018'
C1	<a href="https://www.cityofsydney.nsw.gov.au/learn/research-and-statistics/the-city-at-a-glance/greater-sydney">https://www.cityofsydney.nsw.gov.au/learn/research-and-statistics/the-city-at-a-glance/greater-sydney</a>

C2	SGS Economics & Planning. 2019. 'Economic performance of Australia's cities and regions'
C3	SGS Economics & Planning. 2019. 'Economic performance of Australia's cities and regions'
C4	SGS Economics & Planning. 2019. 'Economic performance of Australia's cities and regions'
D1	Sydney Water. 'Sydney Water Annual Report 2018/19'
D2	Sydney Water. 'Sydney Water Annual Report 2018/19'
D3	Sydney Water. 'Sydney Water Annual Report 2018/19'
D4	<a href="https://www.sydneywater.com.au/SW/education/drinking-water/Water-sources/index.htm">https://www.sydneywater.com.au/SW/education/drinking-water/Water-sources/index.htm</a>
D5	Sydney Water. 'Sydney Water Annual Report 2018/19'
D6	Sydney Water. 'Sydney Water Annual Report 2018/19'

Indicator	Curitiba, Brazil
A1	Weather Atlas. 'Curitiba, Brazil-Detailed Climate Information And Monthly Weather Forecast'
A2	Weather Atlas. 'Curitiba, Brazil-Detailed Climate Information And Monthly Weather Forecast'
A3	<a href="https://www.pbs.org/frontlineworld/fellows/brazil1203/parks.html">https://www.pbs.org/frontlineworld/fellows/brazil1203/parks.html</a>
A4	SANEPAR. 'RELATÓRIO ANUAL DA QUALIDADE DA ÁGUA 2015 SISTEMA DE ABASTECIMENTO DE CURITIBA' Available at: <a href="http://www.sanepar.com.br/sanepar/RelatorioQualidadeAgua/2015/001.pdf">http://www.sanepar.com.br/sanepar/RelatorioQualidadeAgua/2015/001.pdf</a>
B1	The Natural conservancy. 'URBAN WATER BLUEPRINT of Curitiba' Available at: <a href="http://water.nature.org/waterblueprint/city/curitiba/#/c=10:-25.52328:-49.32778">http://water.nature.org/waterblueprint/city/curitiba/#/c=10:-25.52328:-49.32778</a>
B2	The Natural conservancy. 'URBAN WATER BLUEPRINT of Curitiba' Available at: <a href="http://water.nature.org/waterblueprint/city/curitiba/#/c=10:-25.52328:-49.32778">http://water.nature.org/waterblueprint/city/curitiba/#/c=10:-25.52328:-49.32778</a>
B3	<a href="https://www.rcenetwork.org/portal/rce-curitiba-parana-2019-1">https://www.rcenetwork.org/portal/rce-curitiba-parana-2019-1</a>
B4	<a href="https://www.ana.gov.br/noticias-antigas/situaassapso-dos-rios-de-curitiba-esta-entre-ruim.2019-03-15.6895607577">https://www.ana.gov.br/noticias-antigas/situaassapso-dos-rios-de-curitiba-esta-entre-ruim.2019-03-15.6895607577</a>
C1	<a href="https://www.citypopulation.de/en/brazil/parana/curitiba/410690205__curitiba/">https://www.citypopulation.de/en/brazil/parana/curitiba/410690205__curitiba/</a>
C2	<a href="https://www.rcenetwork.org/portal/rce-curitiba-parana-2019-1">https://www.rcenetwork.org/portal/rce-curitiba-parana-2019-1</a>
C3	<a href="http://icities4greengrowth.in/city/curitiba-brazil">http://icities4greengrowth.in/city/curitiba-brazil</a>
C4	<a href="http://icities4greengrowth.in/city/curitiba-brazil">http://icities4greengrowth.in/city/curitiba-brazil</a>
D1	PREFEITURA MUNICIPAL DE CURITIBA PANORAMA DO SANEAMENTO BÁSICO EM CURITIBA. 2017. Available at: 'PLANO MUNICIPAL DE ABASTECIMENTO DE ÁGUA' <a href="https://mid.curitiba.pr.gov.br/2017/00213385.pdf">https://mid.curitiba.pr.gov.br/2017/00213385.pdf</a>

D2	PREFEITURA MUNICIPAL DE CURITIBA PANORAMA DO SANEAMENTO BÁSICO EM CURITIBA. 2017. Available at: 'PLANO MUNICIPAL DE ABASTECIMENTO DE ÁGUA' <a href="https://mid.curitiba.pr.gov.br/2017/00213385.pdf">https://mid.curitiba.pr.gov.br/2017/00213385.pdf</a>
D3	PREFEITURA MUNICIPAL DE CURITIBA PANORAMA DO SANEAMENTO BÁSICO EM CURITIBA. 2017. Available at: 'PLANO MUNICIPAL DE ABASTECIMENTO DE ÁGUA' <a href="https://mid.curitiba.pr.gov.br/2017/00213385.pdf">https://mid.curitiba.pr.gov.br/2017/00213385.pdf</a>
D4	The Natural conservancy. 'URBAN WATER BLUEPRINT of Curitiba' Available at: <a href="http://water.nature.org/waterblueprint/city/curitiba/#/c=10:-25.52328:-49.32778">http://water.nature.org/waterblueprint/city/curitiba/#/c=10:-25.52328:-49.32778</a>
D5	<a href="https://www.rcenetwork.org/portal/rce-curitiba-parana-2019-1">https://www.rcenetwork.org/portal/rce-curitiba-parana-2019-1</a>
D6	PREFEITURA MUNICIPAL DE CURITIBA PANORAMA DO SANEAMENTO BÁSICO EM CURITIBA. 2017. Available at: 'PLANO MUNICIPAL DE ABASTECIMENTO DE ÁGUA' <a href="https://mid.curitiba.pr.gov.br/2017/00213385.pdf">https://mid.curitiba.pr.gov.br/2017/00213385.pdf</a>

### S3. Relevant documents considered for documentary analysis for the selected three cities

	Document title	Date published	Number of Pages
Wuhan	Wuhan Urban Drainage Regulations	2002.12.1	9
Wuhan	Wuhan Water Function Division	2004.12.20	2
Wuhan	Wuhan Water Conservation Regulations	2005.1.31	3
Wuhan	Wuhan Groundwater Management Measures	2006.1.14	4
Wuhan	Regulations of Wuhan Municipality on the Construction of Supporting Water Saving Facilities for Construction Projects	2007.12.7	2
Wuhan	Wuhan Water Resources Comprehensive Plan (2010-2030)	2012.10.1	375
Wuhan	Wuhan Water Supply and consumption Regulations	2012.3.29	3
Wuhan	Wuhan Water Resources Protection Regulations	2013.4.10	10
Wuhan	Wuhan City Drainage Construction Management Measures	2014.11.10	4
Wuhan	Wuhan Water Ecological Civilisation City Construction Pilot Implementation Plan (2015 ~ 2017)	2015.1.31	161
Wuhan	The 13th Five-Year Plan for Water Development in Wuhan City, Hubei Province (2016-2020)	2015.10.1	144
Wuhan	Administrative Measures for Secondary Water Supply Facilities of Urban Residents in Wuhan	2015.2.6	3
Wuhan	Wuhan City Sponge City Planning and Design Guidelines	2015.8.21	68
Wuhan	Wuhan City Sponge City Construction Pilot Implementation Plan	2016.3.21	10
Wuhan	Wuhan City Water Pollution Prevention Action Plan (2016-2020)	2016.6.30	19
Wuhan	Wuhan Flood Control Management Regulations	2018.3.30	3
Wuhan	Wuhan Lake Protection Regulations	2018.5.11	11

Wuhan	Special plan for urban sewage collection and treatment in Wuhan (2018-2035)	2019.12.24	7
Cleveland	NOACA: Clean water 2000	2003.12	18
Cleveland	Lower Euclid Creek Green Greenway Plan	2006.6	79
Cleveland	Euclid Creek Watershed Action Plan	2006.6	212
Cleveland	City of Cleveland Floodplain Ordinance	2011.8	22
Cleveland	Big creek watershed plan	2013.12	308
Cleveland	Cleveland Lakefront Reservation Master Plan	2015.3	6
Cleveland	CLEVELAND DIVISION OF WATER DESIGN AND CONSTRUCTION MANUAL	2017.2.6	249
Cleveland	NOACA: Water Quality Strategic Plan	2017.12	51
Cleveland	Gold Cleveland Water Application	2018.12	16
Cleveland	NORTHEAST OHIO (NOACA): Clean water 2020 (Draft)	2020.6	268
Cleveland	Connecting Cleveland: The Waterfront District Plan	2004.12.17	4
Cleveland	REIMAGINING A MORE SUSTAINABLE CLEVELAND	2008.12.19	40
Cleveland	SUSTAINABLE CLEVELAND MUNICIPAL ACTION PLAN	2013.10.1	78
Cleveland	Riparian Setback Ordinance	2015.5.7	22
Cleveland	Cleveland Climate Action Plan 2018 UPDATE	2018.9.19	82
Cleveland	AN EQUITABLE WATER FUTURE Cleveland	2020.2.25	20
Sydney	Sydney Water Sewer mining policy	2009.1	5
Sydney	DEVELOPER HANDBOOK for WATER SENSITIVE URBAN DESIGN	2013.11	116
Sydney	Sydney Corporate Strategic Plan	2013.7	7
Sydney	Plan of Management Botany Wetlands 2018 - 2028	2013.7	29
Sydney	Sydney Interim Floodplain Management Policy	2014.5	17
Sydney	Sydney Pesticide use notification plan	2014.6	8
Sydney	SYDNEY STORMWATER MANAGEMENT & WATER SENSITIVE URBAN DESIGN POLICY	2016.10	21
Sydney	Opportunities for a Water Sensitive Greater Sydney: The importance of water in our city's future	2016.2	18
Sydney	Sydney Enhancing the liveability of our cities	2016.3	19
Sydney	Sydney Decentralised Water Master Plan 2012–2030	2017.3	82
Sydney	SYDNEY'S WATER FUTURE PLANNING FOR AN UNRAINY DAY	2017.12	24
Sydney	2017 Metropolitan Water Plan for Sydney	2017.3	80
Sydney	SYDNEY WSUD Guideline – Transport Projects	2017.5	42
Sydney	Sydney Environment Strategy 2018-2030	2018.3	18
Sydney	Sydney Pollution Incident Response Management Plan	2018.6	9
Sydney	Sydney Water's Research & Innovation Strategy	2018.7	34
Sydney	Sydney Environment Plan 2019–20	2019.04	16
Sydney	Sydney Water Regulation 2017	2017.8.25	14
Sydney	Sydney Water Recycled Water Management Policy	2018.6.21	2
Sydney	Sydney Water Drinking Water Management Policy	2018.6.21	2
Sydney	Sydney Drinking Water Management Manual	2018.7.27	77

Sydney	Sydney Water Environmental Policy	2019.2.3	2
Sydney	Sydney Water Stormwater fencing policy	2020.6.2	5

Note: Selected documents are shown as color-shaded documents

#### S4. Key word extraction results

Destination layer	First-level indicators	Second-level indicators	Key words	W1	W2	W3	C1	C2	C3	S1	S2	S3
Urban Water policy construction	Water resources management	Water supply and utilisation	X1	372	2345	54	79	174	18	217	110	501
			X2	19	29	0	6	0	38	0	2	51
			X3	3	33	9	9	52	12	29	16	14
			X4	65	886	0	66	10	4	27	28	16
			X5	86	492	5	14	8	12	50	68	40
			X6	185	1493	21	3	0	1	16	85	51
		Water recycling	X7	12	83	1	77	1	1	26	6	77
			X8	15	93	0	0	3	0	76	165	37
			X9	80	287	26	36	0	23	266	53	8
			X10	9	33	0	0	0	0	1	0	9
			X11	127	324	7	1	0	11	0	103	30
		Water Resource Endowment	X12	1	35	78	67	0	5	73	3	19
			X13	3	9	1	26	0	3	2	2	6
			X14	1892	4147	99	406	47	102	102	92	116
			X15	74	2375	193	84	15	13	65	23	11
	Water safety guarantee	Water source safety	X16	11	15	0	0	0	0	3	2	1
			X17	39	103	14	19	0	2	13	5	50
			X18	165	515	15	72	26	38	53	12	31
			X19	176	770	79	200	0	157	58	56	24
			X20	0	120	2	37	0	0	13	0	0
			X21	0	170	31	51	0	2	0	0	3
			X22	2	165	1	120	0	1	56	7	0
		Flood Resilience and Drainage	X23	90	160	13	26	0	10	6	9	11
			X24	62	21	24	51	0	8	45	31	0
			X25	63	364	126	112	4	12	26	8	0
			X26	24	38	223	12	0	0	207	155	36
			X27	56	117	34	120	3	30	66	47	44
		Water regulation guarantee	X28	164	472	271	552	96	286	100	2138	441
			X29	217	107	26	6	0	18	16	49	68
			X30	149	588	248	31	52	18	8	2	6
			X31	33	91	2	82	1	6	10	4	31
	Water	Water ecological status	X32	479	457	43	44	0	0	11	2	4
			X33	14	15	0	7	0	0	0	0	0
			X34	104	148	322	272	0	16	278	23	21
			X35	54	145	29	258	0	2	151	25	1



ecological health		X36	4	2	9	0	0	0	1	0	0
	Water ecological restoration	X37	96	87	3	60	0	18	0	10	4
		X38	498	431	99	17	93	50	80	122	103
		X39	152	434	11	156	2	60	29	27	41
		X40	0	17	1	0	0	1	0	4	74
Water culture system	Cultural heritage	X41	267	4	0	0	0	1	0	0	1
		X42	202	150	62	20	0	7	58	122	26
		X43	123	285	20	53	0	3	37	7	29
	Public awareness	X44	86	269	23	29	64	24	16	29	20
		X45	15	20	0	5	0	9	0	6	8
		X46	7	101	31	1	0	1	0	0	1
		X47	29	17	0	4	0	3	9	9	3