



Xiamen City

City profile downloaded from CitiesWithNature

01 April 2026

Chapter 1

Profile overview



About

厦门市是副省级市、计划单列市，位于福建省东南部沿海，是国务院批复确定的中国经济特区和东南沿海重要的中心城市、港口及风景旅游城市。地形以滨海平原、台地和丘陵为主，属亚热带海洋性季风气候，温和多雨。曾荣获“联合国人居奖”。厦门市物种丰富，高等植物、海洋生物、鸟类以及哺乳动物等物种数量丰富、种类繁多。尤其是拥有丰富的海洋生物资源，各类海洋生物近2000种，海域内的文昌鱼和中华白海豚为国家一类保护动物。此外，厦门市还拥有丰富的森林和湿地资源，森林覆盖率41.65%，湿地面积超322.4平方千米，拥有1个珍稀海洋物种国家级自然保护区，6个自然公园与2个风景名胜区。

Overview

5327000

Population size

China

Country

Asia & Oceania

Region

Not Available, Mayor of Xiamen City

Head of government

Platform engagement statistics



32

Actions made on the Action Platform

Achievements

Profile awards

The city has updated their profile and achieved the following:



Starter profile
34% complete



Frontrunner profile
100% complete



Star profile
0% complete

The Nature Pathway

The city has engaged with the Nature Pathway to integrate nature throughout their city's plans, policies and operations.



Starter profile
0% complete



Frontrunner profile
0% complete



Star profile
0% complete

Tools & resources hub

The city has made uploads to the CitiesWithNature tools & resources hub, which provides a knowledge-sharing platform for cities to share information and inspire one another.



Starter profile
0% complete



Frontrunner profile
0% complete



Star profile
0% complete

Action Platform

The CitiesWithNature Action Platform is endorsed by the UN Convention on Biological Diversity for cities to make commitments, share their actions and set targets for people and nature to flourish.



Starter profile
100% complete



Frontrunner profile
100% complete



Star profile
50% complete

Chapter 2

The Action Platform



The Action Platform

The CitiesWithNature Action Platform is endorsed by the UN Convention on Biological Diversity for cities to make commitments, share their actions and set targets for people and nature to flourish.



Action area 1

Protect and restore nature

Commitment Made:

Protect, connect and restore ecosystems

Decrease conversion of natural areas and maintain natural/semi-natural areas

Description of how city is taking action

厦门市厦门市多措并举，强化生态环境分区管控，就是一项重点工作。据介绍，厦门市在全国率先启动“多规合一”改革，画出全域空间规划“一张蓝图”，将环境空间管控要求纳入“多规合一”平台，划定生态控制线981平方公里、占全市陆域面积58%，划定生态保护红线288平方公里、占全市陆域面积17%，划定海洋生态保护红线84平方公里、占全市海域面积25%。

Baseline:

The total area of land under the city jurisdiction is currently 1700.61 square km. The total area of converted or transformed land is currently 329.24 square km. The total area of natural/semi-natural areas is 982.8 square km.

Last update: 19 June 2025

Restore and/or rehabilitate terrestrial, freshwater and coastal ecosystems.

Description of how city is taking action

厦门市系统开展全域生态修复——坚持梳山理水，构建“一屏一湾十廊”生态安全格局和山海城相融的城市空间格局。随着“青山、绿水、碧廊”等工程的实施，裸露山体和森林生态得到了有力修复。随着“青山、绿水、碧廊”等工程的实施，裸露山体和森林生态得到了有力修复。生态湿地建设和保护成效明显，目前全市共有园林绿地1.8万公顷、林地6万多公顷，栗喉蜂虎等鸟类在繁华市区有了栖息的乐园。

Increase protected areas

Description of how city is taking action

厦门市自然保护区主要是厦门珍稀海洋物种国家级自然保护区，即在原来的中华白海豚省级自然保护区、白鹭省级自然保护区和文昌鱼市级自然保护区的基础上合并建立的。其中，中华白海豚是国家一级保护物种，文昌鱼、黄嘴白鹭、岩鹭属国家二级保护物种。另外，2011年由厦门市政府设立了厦门五缘湾栗喉蜂虎自然保护区。目前，共拥有中华白海豚保护区、白鹭保护区、文昌鱼保护区、栗喉蜂虎自然保护区。

Baseline:

In our city there are 982.8 areas of particular importance for biodiversity and its contributions to people, which include protected areas. The protected areas currently cover 138.9 square km.

Last update: 19 June 2025

Increase the extent of areas in the city that are conserved through Other Effective area-based Conservation Measures (OECMs).

Description of how city is taking action

近年来，根据省、市工作部署，市生态环境局会同相关部门，逐年开展“绿盾”自然保护地强化监督工作。同时，制定并印发配套的“绿盾”自然保护地强化监督工作实施方案，全面排查厦门珍稀海洋物种国家级自然保护区。深入开展湾区综合治理，相继推进海沧湾（西海域）、五缘湾、同安湾、杏林湾、马銮湾5个湾区的综合整治与开发工程。同时，科学选取筲箕湖、海沧湾、同安湾等宜林海域，实施红树林修复工程，红树林面积达到173.9公顷。先后实施观音山、鼓浪屿、会展中心等沙滩修复工程，总面积达到240万平方米。在此过程中，厦门珍稀海洋物种国家级自然保护区建立，中华白海豚种群数量增加到80多头。同时，厦门市率先实现文昌鱼人工繁育与增殖放流，文昌鱼种群数量达到63尾/平方米，较2018年提升

174%。持续通过人工繁育与增殖放流、建立珍稀物种自然保护区等手段，为提升物种多样性创造有利条件。

Baseline:

Currently, 138.9 square km are conserved through Other Effective area-based Conservation Measures (OECMs) in the city.

Last update: 19 June 2025

Increase connectivity between natural areas

Description of how city is taking action

厦门市划定981平方公里生态控制线，面积占厦门陆域面积的57.6%。划定生态保护红线288公里，占全市陆域面积的17%，划定海洋生态保护红线84平方公里，占全市海域面积的25%。持续实施海岛生态修复和海岛养护，实施沙滩修复工程和岸线修复工程，修复岸线30公里，建成人造沙滩100多万平方米。

Baseline:

Currently, the connectivity between natural areas, including protected areas and OECMs, is 982.8 square km, measured as effective mesh size.

Last update: 19 June 2025

Integrate ecosystem protection considerations across policies, plans and programmes.

Description of how city is taking action

厦门市生物多样性保护工作已纳入福建省及厦门市生物多样性保护战略、自然保护地总体布局、适应气候变化行动方案、国土空间规划、十四五生态文明建设规划、环境保护、林业、渔业、农业相关发展规划等多项城市政策、规划和计划中。

Baseline:

Currently, ecosystem protection considerations are integrated into福建省及厦门市生物多样性保护战略、自然保护地总体布局、适应气候变化行动方案、国土空间规划、十四五生态文明建设规划、环境保护、林业、渔业、农业相关发展规划等 of the city's policies, plans and programmes

Last update: 19 June 2025

Commitment Made:

Conserve and restore fauna and flora

Maintain or increase the diversity of native species

Description of how city is taking action

开展生态环境综合整治，建立自然保护区，中华白海豚种群数量增加到80多头。同时，厦门市率先实现文昌鱼人工繁育与增殖放流，文昌鱼种群数量达到63尾/平方米，较2018年提升174%。持续通过人工繁育与增殖放流、建立珍稀物种自然保护区等手段，为提升物种多样性创造有利条件。

Baseline:

Currently, 360种 native vascular plant species, 413种 native bird species and / native butterfly/moth species and 19 native mammal species occur within the city boundaries. Of these, / native vascular plant species are threatened, / native bird species are threatened, / native butterfly/moth species are threatened, and / (none selected) are threatened.

Last update: 19 June 2025

Restore habitat for threatened and locally valued species

Description of how city is taking action

近年来，根据省、市工作部署，市生态环境局会同相关部门，逐年开展“绿盾”自然保护区强化监督工作。同时，制定并印发配套的“绿盾”自然保护区强化监督工作实施方案，全面排查厦门珍稀海洋物种国家级自然保护区。深入开展湾区综合治理，相继推进海沧湾（西海域）、五缘湾、同安湾、杏林湾、马銮湾5个湾区的综合整治与开发工程。同时，科学选取筴筴湖、海沧湾、同安湾等宜林海域，实施红树林修复工程，红树林面积达到173.9公顷。先后实施观音山、鼓浪屿、会展中心等沙滩修复工程，总面积达到240万平方米。

Contribute to ensuring that the harvesting, trade and use of wild species is sustainable, legal, and safe for human health, by taking actions to support the implementation and enforcement of national policies and laws.

Description of how city is taking action

厦门市生物多样性保护工作已纳入福建省及厦门市生物多样性保护战略、自然保护地总体布局、适应气候变化行动方案、国土空间规划、十四五生态文明建设规划、环境保护、林业、渔业、农业相关发展规划等多项城市政策、规划和计划中。

Commitment Made:

Manage invasive alien species

Identify and assess priority invasive alien species

Description of how city is taking action

本市农业农村局、市政园林局等多部门已经开展了关于外来入侵生物的普查及防范工作，坚持风险预防、源头管控、综合治理、协同配合、公众参与，突出重点领域和关键环节，建立健全管理制度，强化联防联控、群防群治，全面提升外来入侵物种管理水平。

Baseline:

Currently, the city has assessed which invasive alien species occur in the city jurisdiction, has assessed the distribution of invasive alien species in the city, and has assessed the impacts of invasive alien species in the city.

Last update: 19 June 2025

Control or eradicate invasive alien species and prevent their introduction

Description of how city is taking action

一是规范引种管理。因品种培育等特殊需要从境外引进农作物和林草种子苗木、水产苗种等外来物种的，应当依据审批权限办理进口审批与检疫审批。属于首次引进的，引进单位应当进行风险分析，并向审批部门提交风险评估报告。二是强化口岸防控。海关应当加强口岸防控，对非法引进、携带、寄递、走私外来物种等违法行为进行打击，对发现的外来入侵物种依法进行处置。三是加强境内检疫。县级以上农业农村、林业草原主管部门要加强境内跨区域调运农作物和林草种子苗木、植物产品、水产苗种等检疫监管，防止外来入侵物种扩散传播。

Baseline:

Currently, the city has developed management plans targeting 49 invasive alien species.

Last update: 19 June 2025

Commitment Made:

Control Pollution

Reduce water pollution by biocides and excess nutrients from domestic and industrial sources to protect ecosystems and people's health.

Description of how city is taking action

厦门市通过开展强化饮用水水源地规范化建设、全面推进水源保护区污染整治、强化饮用水水源地监管、推进流域精细化管理、强化流域系统整治、深入开展入河（湖）排污口整治、强化水资源保障等措施保障生态系统和人们的健康。

Baseline:

Currently, 地表水国控水位点优良率 100% of the water bodies in the city jurisdiction have good ambient water quality that meets national standards.

Last update: 19 June 2025

Reduce plastic consumption and the amount of plastic waste generated and discarded

Description of how city is taking action

严格执行厦门市关于加强塑料污染治理措施，进一步加强塑料污染治理，建立健全塑料制品长效管理机制。鼓励全生物降解塑料替代产品的研发和推广，推动塑料制品和替代品产业化、绿色化。在餐饮、娱乐、商场等领域推广可重复利用、再利用或者可降解的产品。提高废塑料的回收利用水平，建立涵盖生产、流通、消费等领域的废塑料源头减量机制。实施监督快递行业落实国家快递绿色包装标准，推进快递包装减量化、绿色化、可循环。

Reduce other types of pollution, such as solid waste, air pollution, noise pollution and light pollution

Description of how city is taking action

积极打造无废城市，深入推行垃圾分类。完善垃圾分类处理体系，健全垃圾规范分类全链条管理配套法规和标准，健全垃圾处理运管机制。增强垃圾处置能力。完善生活垃圾处理设施配套建设，有效提升无害化处理能力，规范处置城市生活垃圾。提高建筑垃圾综合利用效率 统筹全市建筑废土的处置利用，实行建筑垃圾统一收运制度，推进建筑垃圾储运消纳场和综合利用场所建设。

Commitment Made:

Climate change adaptation and mitigation

Reduce the urban heat island effect by working with nature

Description of how city is taking action

将城市气候资源统筹纳入城市规划建设中。加强城市通风廊道的研究、规划和建设，避免或减轻城市热岛效应对城市的影响，提高城市宜居性和舒适度水平，构建可持续发展的绿色生态型城市环境。严格控制高耗能、高排放项目建设，统筹推进污染物排放和温室气体协同控制，实现减污降碳协同增效。

Baseline:

Currently, the total green cover in the city is 45.65%, of which 42.93% is tree cover and 2.72% is covered by other types of vegetation (for example grass, or green roofs). This helps to reduce the urban heat island effect and enhance people's health and wellbeing.

Last update: 19 June 2025

Increase the use of nature-based solutions and ecosystem-based adaptation

Description of how city is taking action

加强重要陆地生态系统保护与修复。加强生态保护红线监管，推进森林生态系统保护和修复工程，全面保护原生性森林生态系统。加强海岸带生态系统保护修复。以美丽海湾建设为导向，加强陆海统筹的综合治理、系统治理和源头治理，持续改善近岸海域环境质量。提升海洋及海岸带防灾减灾能力。建设精细化海洋气象灾害监测预警预报服务体系，提升台湾海峡综合感知能力和应急处置能力。

Baseline:

Currently, the city's climate change action plan and disaster risk reduction plan incorporate ecosystem-based approaches.

Last update: 19 June 2025

Promote integration of nature-based solutions and ecosystem-based approaches into urban infrastructure maintenance & development.

Description of how city is taking action

加强重要陆地生态系统保护与修复。加强生态保护红线监管，推进森林生态系统保护和修复工程，全面保护原生性森林生态系统。加强海岸带生态系统保护修复。以美丽海湾建设为导向，加强陆海统筹的综合治理、系统治理和源头治理，持续改善近岸海域环境质量。提升海洋及海岸带防灾减灾能力。建设精细化海洋气象灾害监测预警预报服务体系，提升台湾海峡综合感知能力和应急处置能力。

Baseline:

Currently, the city has policies/regulations that encourage the inclusion of nature-based solutions and ecosystem-based approaches into the design of new infrastructure development projects and into the maintenance of existing infrastructure across the city.

Last update: 19 June 2025

Increase the carbon sequestration potential of urban nature

Description of how city is taking action

持续推进造林绿化，不断增加林业碳汇。大力推广秸秆粉碎还田技术，推进秸秆肥料化利用，科学施肥，采取保护性耕作措施，提升土壤固碳水平，增加农田碳汇能力。加强湿地保护和修复，开展海洋碳汇技术研发，探索利用红树林、藻类等海洋生物进行固碳。

Baseline:

The city currently has tree cover of 42.93% which contributes to carbon sequestration and biodiversity and, provides benefits to people.

Last update: 19 June 2025



Action area 2

Use nature sustainably

Commitment Made:

Equitable benefits through sustainable use of wild species

Ensure the sustainable management and use of wild terrestrial, freshwater and marine species to provide nutritional, food security, medicinal and livelihood benefits for urban communities, especially sustainable customary use by vulnerable groups

Description of how city is taking action

厦门市已开展开展生态系统价值核算，是为了摸清生态环境的“家底”，并随时掌握发展过程中，生态资源的“损耗”，以便于适时地调整发展策略，确保生态环保与经济社会的协调发展，切实践行“绿水青山就是金山银山”的理念。

Baseline:

Currently, the sustainable use of wild terrestrial, freshwater and marine species is included in 农业、渔业、林业及生态保护等 policies, plans and programmes of the city.

Last update: 19 June 2025

Commitment Made:

Biodiversity in urban agriculture, aquaculture and forestry

Include biodiversity in decision-making about the development and management of urban agriculture, - aquaculture and - forestry.

Description of how city is taking action

厦门市生物多样性保护工作已纳入福建省及厦门市生物多样性保护战略、自然保护地总体布局、适应气候变化行动方案、国土空间规划、十四五生态文明建设规划、环境保护、林业、渔业、农业相关发展规划等多项城市政策、规划和计划中。

Baseline:

Currently, the sustainable use and management of urban agriculture, -aquaculture and -forestry is included in 农业、渔业、林业及生态保护等 policies, plans and programmes.

Last update: 19 June 2025

Commitment Made:

Promote people's access to green and blue spaces

Increase equitable and inclusive access to nature to enhance people's health and wellbeing.

Description of how city is taking action

多年来，厦门市大力推进自然保护区建设、社区公园、游园(口袋公园)建设。因地制宜建设游园不断丰富园区功能性，主要是要根据地块地形特点、周边群众需求等，服务市民日常游憩、改善城市生态环境，更好地满足市民游客的休闲需求。

Enable meaningful experiences of nature for the health and well-being of urban communities

Description of how city is taking action

持续举办国际生物多样性日主场宣传活动，宣讲海洋生态环境保护与修复，以及海洋生物和鸟类保护。积极组织开展第39届-42届爱鸟周主题宣传活动，提高公众生物多样性保护意识、传播爱鸟护鸟理念，引导全民共建人与自然和谐共生的美丽家园。以视频播放、展板展示、多媒体宣传推广等多种方式开展“世界湿地日”主题活动。



Action area 3

Develop tools and solutions

Commitment Made:

Mainstreaming biodiversity values

Integrate ecosystem and biodiversity values into local policies, strategies, environmental assessments, planning and development processes, poverty eradication strategies and accounts

Description of how city is taking action

厦门市生物多样性保护工作已纳入福建省及厦门市生物多样性保护战略、自然保护地总体布局、适应气候变化行动方案、国土空间规划、十四五生态文明建设规划、环境保护、林业、渔业、农业相关发展规划等多项城市政策、规划和计划中。

Baseline:

Currently, the city has integrated ecosystem and biodiversity values into多项城市农业、渔业、林业及生态保护等 planning and development policies, strategies and decision-making processes.

Last update: 19 June 2025

Include ecosystem and biodiversity values across urban economic sectors

Description of how city is taking action

厦门市生物多样性保护与生态系统管理工作已被纳入地方生态环境局、市政园林局、自然资源和规划局、海洋发展局、农业农村局等部门。

Baseline:

Currently, ecosystem and biodiversity values are integrated into local economic development across环境保护、市政园林、渔业、农业、林业等 sectors.

Last update: 19 June 2025

Promote the reduction of biodiversity-related risks to investment and the private sector

Description of how city is taking action

厦门市已陆续推进完成21个生态修复项目，投资57.8亿元，已修复面积1261公顷。

Commitment Made:

Sustainable production and consumption

Promote sustainable practices in production and consumption across all economic sectors.

Description of how city is taking action

面向厦门市碳达峰碳中和目标需求，着力加强低碳科技创新的协同部署，推动绿色低碳创新基地建设和人才培养，推进资金、项目、平台、人才一体化配置，提升创新驱动合力和创新体系整体效能。强化科技投入保障制度，支持低碳技术研发、产品应用、重大科技创新，确保关键核心技术、重大示范应用。

Baseline:

Currently, the city has a circular economy policy and does incorporate circular economy principles in sector policies.

Last update: 19 June 2025

Reduce the city's material consumption

Description of how city is taking action

积极打造无废城市，深入推行垃圾分类。完善垃圾分类处理体系，健全垃圾规范分类全链条管理配套法规和标准，健全垃圾处理运管机制。增强垃圾处置能力。完善生活垃圾处理设施配套建设，有效提升无害化处理能力，规范处置城市生活垃圾。提高建筑垃圾综合利用效率 统筹全市建筑废土的处置利用，实行建筑垃圾统一收运制度，推进建筑垃圾储运消纳场和综合利用场所建设。

Provide urban residents with information for sustainable consumption and lifestyles in harmony with nature.

Description of how city is taking action

厦门市多次共同开展增殖放流等活动，多角度、全方位让市民朋友认识到生物多样性和保护生态系统的重要性，凝聚共识、共同守护厦门美好生态环境。同时广泛开展进社区、进学校、进公园等形式多样的宣传活动，通过野生动植物保护及生物多样性科普知识讲座、生态摄影展、爱鸟标本展、生态书画展等方式，进一步提高全社会对鸟类保护重要性的认识，调动社会各界爱鸟护鸟，保护生物多样性的积极性。此外，以视频播放、展板展示、多媒体宣传推广等多种方式开展“世界湿地日”主题活动。

Commitment Made:

Use relevant knowledge, including traditional knowledge, for effective biodiversity management

Promote inclusive monitoring, evaluation and learning

Description of how city is taking action

强化生物多样性观测站点和观测样区建设，开展常态化观测、监测、评价和预警。加强海洋赤潮预警和防范应对工作。加大对互花米草的防范和控制力度，建立外来入侵物种监测监视系统和风险评估及应急处置制度，减轻其对厦门市海洋生态环境的危害。加强自然保护区监测数据集成分析和综合应用，及时评估和预警生态风险。充分运用在线监控、卫星遥感、无人机等科技手段，加快构建和完善生态系统数量、质量、结构、服务功能四位一体的自然生态监测网络。

Baseline:

Currently, the city has a Monitoring, Evaluation and Learning strategy/plan that incorporates relevant knowledge, including from scientific, local and traditional sources, for biodiversity decision-making.

Last update: 19 June 2025

Promote the value of nature through awareness and education campaigns

Description of how city is taking action

社会宣教。厦门保护区创作全国第一首中华白海豚之歌《换我来守护你》，拍摄了第一部白海豚动画短片《白海豚乐乐》，建立全国第一个城市“中华白海豚文化广场”等，推动了全国中华白海豚保护科普文化事业的发展。厦门保护区科普教育“进四区”宣传模式被保护区主管部门向全国推广。高校教育，实施“一流课程”与“精品教材”工程，重点推进海洋生态学、生态之美大讲堂、植物生态学等一流课程和环境与生态虚拟仿真课程建设，以及“可持续生态学”“生态实验与设计”“生态学研究方法”“生态大数据处理”“环境生态工程”“动物生物研究”等方面，为生境与生物多样性保护工作注入强有力的理论支撑。

Support and strengthen participation of local and indigenous communities, women, youth and other vulnerable groups in the management of urban nature

Description of how city is taking action

厦门市多次共同开展增殖放流等活动，多角度、全方位让市民朋友认识到生物多样性和保护生态系统的重要性，凝聚共识、共同守护厦门美好生态环境。同时广泛开展进社区、进学校、进公园等形式多样的宣传活动，通过野生动植物保护及生物多样性科普知识讲座、生态摄影展、爱鸟标本展、生态书画展等方式，进一步提高全社会对鸟类保护重要性的认识，调动社会各界爱鸟护鸟，保护生物多样性的积极性。此外，以视频播放、展板展示、多媒体宣传推广等多种方式开展“世界湿地日”主题活动。

Increase financial and technical support for biodiversity actions

Description of how city is taking action

落实生物多样性保护责任，合理制定规划和实施方案，上下联动开展科学部署和规划设计，积极争取多方资金支持，加大资金投入，提供有效保障条件和措施，切实执行生物多样性保护工作。

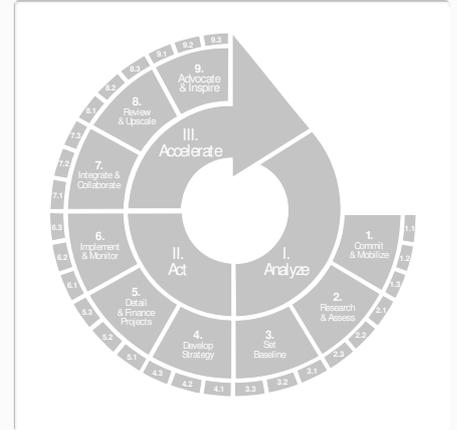
Chapter 3

Nature Pathway



Nature Pathway

The Nature Pathway assists cities with integrating nature throughout their city's plans, policies and operations.



I. Analyze

1. Commit & mobilize

No uploads or resources have been linked

2. Research & assess

No uploads or resources have been linked

3. Set Baseline

No uploads or resources have been linked

II. Act

4. Develop strategy

No uploads or resources have been linked

5. Detail & finance projects

No uploads or resources have been linked

6. Implement & monitor

No uploads or resources have been linked

III. Accelerate

7. Integrate & collaborate

No uploads or resources have been linked

8. Review & upscale

No uploads or resources have been linked

9. Advocate & inspire

Chapter 4

City Biodiversity Index



City Biodiversity Index

The City Biodiversity Index (CBI) is a self-assessment tool for cities to evaluate and monitor the progress of their biodiversity conservation efforts against their own individual baselines.

This city has measured the following total CBI score out of 112 points:

0 Points

Native biodiversity in the city

Core Component Total Score: 0 of 36 points

Xiamen City has not started on this biodiversity index section

Ecosystem services provided by biodiversity

Core Component Total Score: 0 of 20 points

Xiamen City has not started on this biodiversity index section

Governance and management of biodiversity

Core Component Total Score: 0 of 56 points

Xiamen City has not started on this biodiversity index section

Chapter 5

Tools & resources



Tools & resources

All tools & resources the city has uploaded to the CitiesWithNature Tools & resources hub.

Xiamen City has not yet posted any tools and resources



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