



Daozhen Gelao and Miao Autonomous County

City profile downloaded from CitiesWithNature

08 April 2026

Chapter 1

Profile overview



About

道真地处黔渝之交，位于云贵高原向四川盆地过渡的斜坡地带，总面积2156平方公里，轴11镇3乡1街道91个村（社区），总人口35万人，其中他佬族17万人、苗族9万多人，素有“黔蜀门屏”之称。道真历史悠久，文化优秀。道真秦属巴国，汉隶巴郡，隋归信阳，唐、宋、元为真州，明置真安州。1941年置县，因纪念汉儒尹珍先贤而得名。1987年撤县设亿佬族苗族自治县，是全国两个亿佬族苗族自治县之一道真风光秀美，生态优良。道真常年雨量充沛，四季分明，气候宜人，冬无严寒，夏无酷暑，年平均气温16°C。有3000多种名贵物种，其中有濒临绝迹的银杉、红豆杉等珍稀植物550余种，森林覆盖率达61.35%。良好的自然生态和独特的喀斯特地貌，妆点成秀美的自然风光，是“中国最佳生态环境宜居县”。有大沙河国家级自然保护区，、大沙河传佬文化旅游度假区中华亿佬文化园、玉龙谷湿地公园、亿山茶海、蓉江文化长廊、十二盆山体公园、云顶山森林公园等景区景点，是休的避暑的资的最佳食的地

Overview

350000

Population size

China

Country

Asia & Oceania

Region

, Mayor of Daozhen Gelao and Miao Autonomous County

Head of government

Platform engagement statistics



27

Actions made on the Action Platform

Achievements

Profile awards

The city has updated their profile and achieved the following:



Starter profile
0% complete



Frontrunner profile
80% 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

1.强化政策执行与监管力度：集中整治侵占自然保护区环境污染问题，严守保护地划定红线。2.规范企业项目审批与运营：明确禁止以牺牲生态环境换取经济增长。3.提升公众保护意识与责任：通过政策宣传和案例警示，强化全社会对自然保护区重要性的认知，形成尊重自然、保护生态的共识。

Increase protected areas

Description of how city is taking action

严格执行《中华人民共和国自然保护区条例》《中华人民共和国野生动植物保护法》等相关法律法规和制度，坚持实施“绿盾”自然保护区监督管理、国家森林督查卫片执法等行动，加强对道真大沙河国家级自然保护区、华山林场自然保护区、芙蓉江大口鲜鱼保护区、大磏镇地下水晶官的管理，严厉打击生态环境相关违法行为；完成自然保护区优化调整，强化对自然保护区的管理。

Baseline:

In our city there are 28831.73 areas of particular importance for biodiversity and its contributions to people, which include protected areas. The protected areas currently cover 28831.73 square km.

Last update: 07 April 2026

Target:

严格执行《中华人民共和国自然保护区条例》《中华人民共和国野生动植物保护法》等相关法律法规和制度，坚持实施“绿盾”自然保护区监督管理、国家森林督查卫片执法等行动，加强对道真大沙河国家级自然保护区、华山林场自然保护区、芙蓉江大口鲜鱼保护区、大磏镇地下水晶官的管理，严厉打击生态环境相关违法行为；完成自然保护区优化调整，强化对自然保护区的管理。

Last update: 23 December 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

1.通过连接城市绿地、公园、自然保护区等形成连续的生态廊道，促进生物多样性流动，同时为野生动植物提供迁徙通道，扩大保护覆盖范围。2.加强历史文化遗产保护对城市中的历史建筑、传统街区等文化遗产实施保护，通过修复、再利用等方式保留城市文化记忆，扩大文化保护区域。3.识别并划定城市中具有生态服务功能的绿肺区域（如大型森林公园、湿地公园），以及生态核心区（如水源涵养区、重要生态节点），实施严格保护。

Increase connectivity between natural areas

Description of how city is taking action

加强对优化调整后4个自然保护区的连通性，通过开展森林防火通道、绿道项目建设，实施森林防火监测系统平台、保护地监控平台，以及野生动物野外监测等设施建设，搭建保护地之间信息共享平台，推进信息共享，互联互通；林业、农业、生态环保、公安、法院、检察院以及保护地管理机构积极开展保护地联动执法监管行动，完成现场执法与案件办理、生态损害赔偿等方面的联动协作机制。

Integrate ecosystem protection considerations across policies, plans and programmes.

Description of how city is taking action

1.严守生态保护红线：我市提出并实施生态保护红线制度，确定并加强生物多样性保护优先区域的监管。2.生态系统保护和修复：大力推进山水林田湖草沙冰系统保护和修复，提升生态系统质量和稳定性。3.社区参与：重视地方社区在保护区管理中的角色，改进社区参与和利益共享安排，减轻负面社会影响。

Commitment Made:

Conserve and restore fauna and flora

Maintain or increase the diversity of native species

Description of how city is taking action

1.划定核心区域：通过建立自然保护区、湿地公园等，为本地物种提供原生栖息地，减少人类活动干扰。2.生态修复：对受损生态系统进行修复，恢复植被覆盖和生态功能，增强物种多样性。3.开展生态研究：通过物种物候观测、生态样地监测等科研活动，掌握本地物种动态变化。4.制定和执行生物多样性保护制度，打击非法捕猎、贸易等行为。5.对退化土地、水域进行生态修复，改善本地物种生存环境。

Restore habitat for threatened and locally valued species

Description of how city is taking action

禁止在大沙河国家级保护区进行资源开发利用，拆除保护内的违法建筑。禁止保护区内的项目审批。

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

严格执行《中华人民共和国自然保护区条例》《中华人民共和国野生动植物保护法》等相关法律法规和制度，严厉打击在自然保护区内进行砍伐、放牧、符猎、捕猎、采药等活动；制定道真市“十五五”社会经济发展规划、生态环境保护规划、林业规划等重要综合和专项规划，完成自然保护地优化调整，适时调整更新风景名胜等保护地规划；建立跨区域、跨部门联动执法监管机制，强化生态系统保护，促进国家政策和法律得到有效实施和执行，确保野生物种的采伐、贸易和利用的可持续性合法性和对人们健康的安全性做出贡献

Commitment Made:

Manage invasive alien species

Identify and assess priority invasive alien species

Description of how city is taking action

1.组建专业评估团队成立由农业农村、植保、农业生态等技术骨干组成的专家，负责对第三方机构开展的外来入侵物种普查工作进行技术研讨和层层把关，确保数据科学性和准确性。2.科学分析生态与农业特征结合当地自然生态条件、农业生产对普查季节、踏查点海拔、入侵物种种类等关键因素进行深入分析，识别潜在风险区域和物种。3.多维度评估危害程度通过踏查、样方调查等手段，全面掌握入侵物种的分布范围、发生面积及危害程度，评估其对农业经济、环境的具体影响。4.动态监测与数据整合建立动态监测机制，定期更新入侵物种信息，整合多部门数据资源，形成科学评估体系，为制定防治策略提供依据。通过以上措施，县级部门能够精准识别重点外来入侵物种，为生物多样性保护、农业生态修复及乡村振兴提供决策支持。

Control or eradicate invasive alien species and prevent their introduction

Description of how city is taking action

每年度开展鲈鱼、紫萼泽兰、小龙虾、福寿螺、水葫芦、空心莲子草等外来有害生物监测除治工作。

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

1.加强污水处理三级处理：在城市污水处理中采用三级处理工艺（化学法或生物法），去除氮磷等营养物质，防止水体富营养化。污水资源化利用：建设循环用水系统，利用处理后的废水进行设备冲洗、绿化灌溉等，减少用水总量。2.监测和法规在线监测：建立工业废水在线监测系统，实时监测废水流量、水质和污染物浓度，及时发现和处理超标排放。3.合理使用生物杀灭剂和化肥合理使用：选择低毒性、环保型的生物杀灭剂和化肥，减少使用量，避免过量施用。4.科学施肥：实施定量施肥、配方施肥等措施，控制氮磷肥过量使用，减少化肥流失。5.推广环保型产品生物农药：推广生物农药和绿色农药，替代化学农药，减少对环境的污染。高效活性污泥法：在废水处理中引入高效活性污泥法、接触氧化法或生物膜法，降低废水中的有污染物。

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

Description of how city is taking action

1.鼓励居民将塑料垃圾与其他垃圾分类，政府在公共区域设置垃圾分类桶，提高塑料垃圾的回收率。2.推广再生塑料支持企业采用可降解材料或回收再利用技术，减少新塑料生产。3.出台限塑政策，规范塑料制品生产与使用。4.提升环保意识通过社交媒体、社区活动宣传减塑知识。5.组织环境整治行动，鼓励群众加入河流、公园等地的塑料垃圾清理活动，改善环境。

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

Description of how city is taking action

我市建有垃圾填埋场1个，目前已封场。为确保生活垃圾有效处理，我市将加强对垃圾填埋场渗滤液的处置，14个乡镇均建有垃圾转运站以提高垃圾收集处置效率减少垃圾对生态环境的影响。我市无大型工业企业，近几年未出现空气污染信访投诉。我市每季度开展功能区噪声监测，每年开展区域噪声和交通噪声监测，未发现噪声污染现象。

Baseline:

Currently, the amount of waste disposed of in landfills within the region is 0 tonnes per person per year.

Last update: 07 April 2026

Commitment Made:

Climate change adaptation and mitigation

Reduce the urban heat island effect by working with nature

Description of how city is taking action

积极开展城市绿化项目建设，增加建成区绿化面积；推进节能降耗，推广使用清洁能源，开展绿色生产和低碳出行，加强对工业企业的管理，控制大气污染物排放，减少城市热岛效应。

Baseline:

Currently, the total green cover in the city is 52.63%, of which 36.88% is tree cover and 15.75% 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: 07 April 2026

Target:

积极开展城市绿化项目建设，增加建成区绿化面积；推进节能降耗，推广使用清洁能源，开展绿色生产和低碳出行，加强对工业企业的管理，控制大气污染物排放，减少城市热岛效应。

Increase the carbon sequestration potential of urban nature

Description of how city is taking action

1.构建绿色国土空间格局完成国土空间规划，划定生态保护红线，严格管控林地转为非林地，保护草原、湿地等生态系统，降低灾害对固碳能力的损害；2.推进重大生态工程实施森林、草原、湿地等生态系统保护和修复工程，提升生态系统的碳汇能力；3.优先增加森林、草地等绿色空间面积，通过土地功能置换和生态廊道建设扩展固碳范围；4.提高碳汇密度选择乡土树种提升森林质量，增强抗逆性和固碳效率。



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

加强水、森林、土地等资源保护和利用，相关自然资源和生物多样性保护，格执行“十四五”水资源、土地利用和林业产业发展等规划，编制“十五五”社会经济发展、水资、森林、土地等资源保护和利用相关规划，将陆地、淡水和海洋野生物种的可持续利用纳入纳入城市发展及管理。

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

制定农业、水产养殖和林业产业发展等相关规划、方案和文件时，将生物多样性保护纳入产业发展和管理决策中，严禁引进外来入侵物种，科学制定有效的外来入侵物种控制、根除或监测方案及措施，防治新增、扩大外来入侵物种种类、数量和面积，减少外来入侵物种对生态造成的影响。

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

1.推动公共资源均等化加大对公共绿地、公园、自然保护区等基础设施的投，确保城乡居民都能便捷接触自然环境。2.社区环境优化在社区内建设小型绿地、花园或户外活动空间，鼓励居民参与绿化和休闲活动，增强社区归属感。3.推广自然疗法（如森林浴、吸负氧离子），结合心理健康研究，帮助缓解压力、提升情绪。

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

Description of how city is taking action

积极开展科普宣教，在每年的“世界地球日”、“世界野生动植物日”、实际生物多样性日”、“世界环境日”“植树节”等宣传日开展系列宣传活动并发动群众参与。



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

将生态系统和生物多样性保护纳入社会经济发展全过程，编制各项综合性规划和专项规划，在项目招商引资及选址时，严格执行“三线一单”、“三区三线”和“生态红线”等管控要求，严格执行环境影响评价和排污许可制度，充分论证产业发展及项目建设对生态环境及生态的产生影响，减少因盲目开展项目建设造成生态影响。

Include ecosystem and biodiversity values across urban economic sectors

Description of how city is taking action

将生态系统和生物多样性保护履职纳入林业、住建、自然资源局、生态环境、发改、财政、审计等政府部门职能职责，加强对生态系统和生物多样性的保护与修复项目建设与资金投入；深度挖掘生态系统等方面的生态产品价值实现，大力推进生态林业、生态工业、生态旅游等生态产业发展，充分践行“绿水青山就是金山银山”理论转化，提高生态价值。

Commitment Made:

Sustainable production and consumption

Reduce the city's material consumption

Description of how city is taking action

1.可再生材料：使用竹子、木材、麻等可再生资源，减少对石油基材料的依赖。2.生物可降解材料：采用聚乳酸（PLA）、聚羟基脂肪酸酯（PHA）等可降解塑料，降低长期污染风险。3.低VOC涂料/环保纤维：在建筑和纺织领域使用低挥发性有机化合物（VOC）涂料及环保纤维，减少空气污染。4.实现80%以上的废物回收率，分类处理废纸、塑料、金属等可再生资源。5.废料再加工：将废旧材料转化为新材料，形成闭环生产模式，例如将废塑料制成纤维。6.减少一次性使用：倡导减少一次性筷子、塑料袋等消耗品，推广可降解替代品。

Baseline:

Currently, the city is taking 6 measures to reduce the resource intensity of consumption in the infrastructure development and maintenance sector.

Last update: 07 April 2026

Target:

1.可再生材料：使用竹子、木材、麻等可再生资源，减少对石油基材料的依赖。2.生物可降解材料：采用聚乳酸（PLA）、聚羟基脂肪酸酯（PHA）等可降解塑料，降低长期污染风险。3.低VOC涂料/环保纤维：在建筑和纺织领域使用低挥发性有机化合物（VOC）涂料及环保纤维，减少空气污染。4.实现80%以上的废物回收率，分类处理废纸、塑料、金属等可再生资源。5.废料再加工：将废旧材料转化为新材料，形成闭环生产模式，例如将废塑料制成纤维。6.减少一次性使用：倡导减少一次性筷子、塑料袋等消耗品，推广可降解替代品。

Last update: 23 December 2025

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

Description of how city is taking action

1.政府主导宣传通过媒体、社区活动普及可持续消费理念，强调减少资源浪费、降低碳足迹的重要性。2.政策激励措施制定环保补贴政策，鼓励购买节能产品、使用公共交通，同时规范企业生产流程以减少污染。3.学校教育融入在中小学课程中增加环保知识，培养儿童从小养成绿色生活习惯。4.社区活动实践组织垃圾分类、绿色市集、自然保护讲座等活动，增强居民的环保参与感。5.企业绿色生产鼓励企业采用节能技术、减少废弃物排放。6.积极开展科普宣教，在每年的“世界地球日”、“世界野生动植物日”、“国际生物多样性日”、“世界环境日”“树节”等宣传日开展系列宣传活动并发动群众参与。

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

积极开展自然保护区生物多样性保护相关的调查评估和监测，摸清我市3个自然保护区等野生动植物本底情况，科学指导我市生物多样性保护工作；加强与中国环科院等可研机构的交流合作，开展大沙河国家级自然保护区和华山林场自然保护区、芙蓉江大口链鱼保护区野生动植物调查、监测和研究，加强保护地管理机构技术学习，提升管理水平。

Promote the value of nature through awareness and education campaigns

Description of how city is taking action

积极开展科普宣教，在每年的“世界地球日”、“世界野生动植物日”、“国际生物多样性日”、“世界环境日”“植树节”等宣传日开展系列宣传活动并发动群众参与。并通过举办科普讲座、展览、科学实验等活动，让公众近距离感受科学魅力；加强了对青少年的科学教育，组织开展科技竞赛、科技创新、生物多样性保护镜学习等活动，通过组织户外探险、自然观察、生态保护等活动，引导公众解自然、尊重自然、保护自然。

Commitment Made:

Equitable and effective participation of indigenous peoples and local communities in biodiversity-related decision-making

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

推进自然保护地群众公平有效参与生物多样性保护，通过聘请原住民社区、妇女、青年和其他弱势群体参与森林防火、保护区种群调查、山林巡护、生态修复等项目建设，多形式动员群众参与生物多样性保护活动；发展有利于保护地原住民和社区经济等发展等项目建设，动员群众参与村集体经济入股分红等方式，增加群众收入，提高公众参与度；同时，在保护地划定、调查评估、项目建设等方面充分征求群众意见，参与保护地管理等决策决定

Commitment Made:

Mobilize resources for biodiversity actions

Other commitments under this action area

Mobilize resources for biodiversity actions

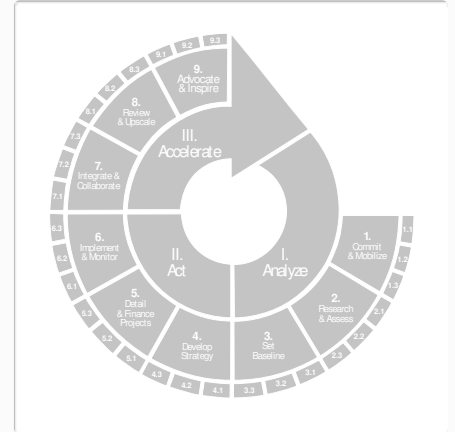
Chapter 3

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

Daozhen Gelao and Miao Autonomous County has not started on this biodiversity index section

Ecosystem services provided by biodiversity

Core Component Total Score: 0 of 20 points

Daozhen Gelao and Miao Autonomous County has not started on this biodiversity index section

Governance and management of biodiversity

Core Component Total Score: 0 of 56 points

Daozhen Gelao and Miao Autonomous County 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.

Daozhen Gelao and Miao Autonomous County has not yet posted any tools and resources



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