

# Study on sustainable design of urban landscape

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**Abstract:** Our country since reform and opening-up , urbanized process speeding up , great changes have taken place in the original and landscape patterns of the city . The local features and local style of the city fade away , Instead, the city squares and high-rise buildings are all the same .. the ideal urban landscape is with the the deep cultural heritage , Cornerstone of traditional practice , to show the city's unique history, culture and features

**Keywords:** City View ; sustainable ; Design

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## 1. Introduction

in five years of history , M The person passes the constant solid Practice , cumulative , forms the unique City Construction Theory and practice of the M base . exquisite artificial wood , borrow Day , is in the same location as . in ancient times M city Build , render ; I | blooming gesture , The dignified atmosphere of the capital City , has a riverGentle euphemism of South town , have a different style of Xiangxi building , with coastal land . These all embody me. M Historical details of urban construction and design creative , also show me M different feature styles One 3

And since the reform and opening-up , I M Rapid Economic development , D-Business into move with population from rural to urban transfer . Urbanization Construction continues speeding , City Environment issues R Benefit Highlighting . Urban Landscape is a city image important embodiment , and in modern urban landscape construction ,also ; I There are many problem : Urban construction blindly imitate big city , lacks its own humanities , History feature , pattern Landscape overrun , The loss of traditional style in different cities , Humanities Construction no longer exists . renders ; City side Posture ; to be washed and built in the city Set and expand , over request Natural Resources , break natural ring Border , causes serious urban ecological problems .

the need for sustainable urban landscape design back to me i ancient . produces a Heaven and Man in oneness The philosophy of want , Express people and people ,The idea of harmony between man and nature . and The idea runs through me M Construction and development of ancient traditional cities , set The is embodied in the city site selection and urban construction and the surrounding environment harmony. Save mode .

Modern city construction , Excessive while pursuing development speed Burn Natural Resources . ignores environmental protection . resulted in a two-oxygen Carbon emitting excessive , bring city Greenhouse effect , in many front-line cities even produces fog haze ; To social environment to human health , causes Q Large impact and damage m. This makes urban ecological conditions better to become an urgent problem . and the city landscape has always been the same. adjust City and natural Ecological heavy thousand , Urban Landscape for sustainable development View design to effectively adjust and improve existing urban air quality , temperature " room effects " .

at the same time , The urban landscape is spread across all aspects of the city , from city wide Farm to club K common with , from Green Street to waterfront Water-green, All City view contents . to adapt to urban landscape city in accordance with urban location and City City image , Landscape Design for people to live with . in

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city Landscape Design , Review City location , factor , Local conditions , use and protect the original ecological landscape ; More native plant varieties . To make the plant farm on live growth , Effective regulation of ecological environment through photosynthesis section ; design a landscape sketch facility with local features . reflect local culture with idea ,Increase city identification ; while building a city , focus on calendar Heritage and protection of historical features , embodying city details .

## 2. Essentials for Sustainable urban landscape design

### 2.1 low-carbon Green

Modern cities have a large density of densely populated buildings , Vehicle Air conditioning Carbon dioxide emissions , and green area scarce environment , Most now "" Greenhouse effect Phenomenon . " Greenhouse effect " now represents city-born State system is severely compromised , Quality of living environment significantly reduced . because this , Sustainable design of cities is primarily to restore ecological cities . Lower temperature Room effect . as landscape architect . in urban landscape planning and design when , through active technical means , make reasonable use of local climate special dot , using photosynthesis of the same forest plants ,transpiration to improve air quality amount , Increase air humidity , Climate tuning .

mainly uses power generation , If you care about the in your design Local lighting , direction etc , use solar energy , Wind energy etc renewable Energy power generation , Reducing consumption of energy such as coal oil , to create a ; I | Save energy minus row , Sustainable Comfort landscape environment .

### 2.2

Heritage and protection of human history City is a product of the high development of human civilization , City Landscape same as The has its own feature background and details . however , with globalization process acceleration , Traditional culture of local characteristics collide with foreign cultures procedure , Urban regional culture is gradually missing in urban landscape construction . Many cities in rapid development , Don't hesitate to split \* Original architecture , Build set ; I | Modern high-rise buildings . in the tide of Old City transformation . Treasure The cultural history of your city is ruined. , cause City style view to all , lack of recognition . so , in urban sustainable development