

Discussion on environmental planning and sustainable development

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Abstract: Urban Ecological environment is the basic condition for people to survive , is the symbol and standard for the development of urban social civilization . in urban planning , targeted Effective governance and resolution of urban pollution is a prerequisite for ensuring sustainable urban development . People-oriented construction of green Ecological city is the highest state and goal of urban construction .

Keywords : City Planning ; Eco Environment ; Sustainability

1. The significance of environment and sustainable development in urban planning

In recent years with the rapid development of the economy and the acceleration of the urbanization process , Our country Urban-rural development is very fast , Urban and rural landscape changed dramatically . with human society development , Play regional politics , The role of the Economic and cultural center is also increasingly apparent with . However, at present, the urban planning and construction of our country has brought social and economic development . Show and a brand-new city face ,on the other hand, the ecological environment of the city is created by Strong impact . so , from the point of view of human-oriented ecological environment City City Planning design methods and development strategy , for sustainable urban development , real Harmonious development of urban and rural areas and promotion of urban green ecological process, etc. all have 10 for important meaning .

2. Planning and design ideas for environment and sustainable development

The problem of urban economic development and urban environmental governance itself is a pair of contradictions , They are interdependent , Mutual Restrictions .sustainable Urban planning is to create A good structure for the economic and ecological optimization of the . Economic Sustainability Emphasis Three major industries coordinated development , Industrial structure is the main body of urban economic structure , affects City ecosystem nodes and functions . to improve urban ecological structure , promoting material good sex loops and energy flow , must improve the industrial structure of the city .

2.1 Agroforestry and fishery aspects

from the perspective of addressing economic development and environmental issues , plan to develop a batch of agriculture , model Agriculture , featured Agriculture ,Eco-agriculture and foreign exchange agriculture , plan more Eco Agriculture mode , make full use of space resources and land resources agriculture and forestry three-dimensional junction eco-economic system , to form a good surface exchange material cycling ecosystem , Agriculture , , fish , Avian Aquatic eco-economic system , Wetland Comprehensive Development complex eco-Economics department system , Multifunctional sewage self-purification eco-economic Systems , Creating a versatile farmer , vice, [work] United Eco-economic System .

2.2 Industrial Aspects

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to be eco-efficient on an enterprise level , through product eco-design , Clear Clean production , product packaging " Green " measures , Minimize pollutant emissions ;at the regional level , According to industrial ecology principle , Through the substance of the enterprise ask the integration , Energy Integration and information integration ,forms a symbiotic relationship between enterprises , Building Industrial Ecology

Campus .

2.3 service Aspect

from resolving conflicts between production and life , Focus Planning High , Radiant Professional Market , combining city planning and development to build upscale business center . Planning and Building Information network , speeding up technology services , The focus of the community service business Development , form coverage wide , service level High , penetration to industry , Comprehensive Service system : Rational planning of real estate industry , adherence "" Unified planning , Reasonable layout , matching construction , Comprehensive Development strategy , strictly control real estate Extended extension , Digest Idle Commercial housing , Real Estate management improvement of residential district level , Improve citizen living environment ; actively plan the tourism industry , to be in the feature brigade Work on trips ,Create a batch of regional features " " travel brand " , Development Scale Travel , make it the pillar of the tertiary industry.

3. Environment and sustainable development planning design requirements

ecologically sustainable urban planning is the use of ecology , Eco-Economy principles and other relevant scientific knowledge and methods , from city ecological function complete sex , departure of urban resource and environmental characteristics and socio-economic conditions , regulating Urban Society , Ecological relationship between

economic and natural sub-systems and their parts , rationally Plan City resources

Development and utilization approaches and socio-economic development methods , To reach the resource benefit with , benign cycle of environmental protection and economic growth , continuously improve the city's sustainable Development capability , achieving harmony and unity of human socioeconomic development and ecological environment , Enter and show harmony between man and nature , to promote resource and environment Sustainability And the city's sustainable development .

4. major work on environment and sustainable development planning

4.1 scientifically and reasonably planning

a complete and comprehensive eco-urban planning design must first be comprehensively evaluated eco-system affordability , as a basis for planning or based on earlyplan for audits and corrections ; for planning purposes in larger areas ,, determining system structure from an ecological perspective ; Planning for a new space-planning model Style and applicable mode ; Select the appropriate energy and raw materials system , Eco-Technology shipped for specific projects , adopting new traffic and infrastructure models ; last from The continuous perspective of scientific and reasonable planning .

4.2 correctly handle the relationship between urban construction and environmental protection

evaluates whether a city is suitable for living , does not depend on the size of the city small , Building height , but to see if the layout of the city is reasonable , have health Kang's eco-environment , Urban Environmental planning is human-friendly , Has The potential for sustainable development . so , We need to handle urban construction and environment correctly protected relationships . a good ecological environment is the basis for achieving sustainable urban development and the conditions, The quality of life of urban residents depends not only on the development of urban economy Ping , improvement of city facilities , also depends on a good ecological environment . Sustainable urban planning should be guided by the theory of urban sustainable development , from resources and environmental protection and improving urban eco-carrying capacity and social affordability for Supreme Purpose , to increase

social , Economic and environmental best results for the final goal .

4.3 Make good use of land resources and environmental protection

The relationship between land resources development and ecological protection is the of urban planning The is most important . to Scientifically determine the industrial layout and functional area layout of the urban areas , The construction of environmental protection in the urban District should be scientifically done, speeding up pollutant discharge License System , Scientific and efficient use of limited environmental resources ; To determine an economic increase Long Scientific energy consumption indicator ,persisting savings , Open Source and protection-equal policy , further refine the resource reuse , Maximize economic growth , Minimum number of Target energy consumption , continue to implement the main source of flue gas desulfurization Air Pollution Comprehensive treatment , To further strengthen the infrastructure construction of the urban areas , key Construction sewage treatment Plant , reclaimed water Project , River Regulation Works , Create good production environment , Living Environment and development environment .

5. Epilogue

City Economy , Social development does not necessarily lead to the destruction of the ecological environment , destruction of urban environment , Because humans simply pursue certain economic goals ,, without Eco-economic Awareness . Urban Development is not just an economic development , and and full human development ,City is the carrier of development , and people are the main of urban development body , people-oriented urban sustainable development is the highest state and goal of urban development subscript .