

Sustainable Smart Contraction: China Eco-district Evolution Research and Future Exploration

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Abstract : In the process of rapid urbanization, large-scale industrial production, and unreasonable planning and construction have caused various ecological and environmental problems, while hindered the sustainable development of cities. The ecological district not only realizes the coordinated development of society, economy, and environment but also conforms to the trend of smart contraction of the development of cities in China from the periphery to the center. This paper reviews the development of China's ecological district, including the full life cycle process of policy, planning, implementation, and operation. Based on sorting out the concept, connotation, and development status of China's ecological district, the relationship between the construction of the ecological district and the sustainable city is discussed. Summarizing the development trend of the ecological district, the ecological district should combine the construction of smart cities, actively respond to the digital information era, and improve the construction of the ecological district system. It proposes that the future direction of city's sustainable development needs to change from a thematic focus on ecology to the common urbanization of humanity, society, and nature. Focusing on people-oriented, ecological, and digital future communities will become an important construction method for the city's sustainable smart contraction.

Keywords : eco-district, smart contraction, sustainable development, future community

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