

Based on the driving mechanism to explore the effective path of environmental control of Nanshan ring road on north slope of Qinling Mountains

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Keywords: driving mechanism ; Qinling Mountains ; ecological environment management

Abstract: North slope of Qinling Nanshan loop (Xi'an) drive mechanism of environmental governance is an important theoretical and practical problems, north slope of Qinling Nanshan loop (Xi'an) drive mechanism of environmental factors mainly include internal and external factors, through the analysis and the choice of driving factors in north slope of Qinling Nanshan loop (Xi'an) is taken as an example to analyze main factors, explore the north slope of Qinling Nanshan loop (Xi'an) environmental governance effective path, promote the ecological environment governance in Xi'an, Xi'an ecological economic sustainable development.

1. The introduction

Zhongnan mountain, one of the Qinling mountains, its main peak is 2604 meters above sea level. It is located in the south of Xi'an, therefore it is also known as Nanshan, the middle of Qinling, the core part of Qinling. Due to its steep mountains and beautiful scenery, it is known as "the best place in the world". Guanzhong loop greening projects consists of the south and north. Southern greening projects west from Zhuyu township, Zhouzhi county, east to Houzhen, Lantian county, cross Changan district, Hu county, Zhouzhi county and Lantian county with the total length of 171.92 kilometers. Because of this section is just near mount Zhongnan, it is also known as Nanshan loop to Xi'an. Xi'an Nanshan loop (Xi'an) biome, accounted for 54% of Xi'an area, known as "the back garden of the Xi'an". Relying on the loop of Nanshan (Xi'an) resources, we will conduct "plate and regionalization" product design for Nanshan ring line (Xi'an section), highlight the characteristics of their own, provide diversification, safety, high quality consuming demand, increase health leisure service products and improve the income of urban and rural residents; Modern ecological agriculture has a positive role for low carbon environmental protection, energy conservation and emissions reduction for Shaanxi construction of ecological civilization.

2. The north slope of qinling nanshan loop (xi 'an) driving mechanism analysis of the ecological environment governance

2.1 Internal driving factors

2.1.1 ecological benefit driven

At present, the reserve has a total population of 810,000, including 260,000 above the 25-degree slope line and 550,000 below. According to the ecological and environmental protection plan for Xi'an section of the greater Qinling mountains, ecological migration will be carried out in two stages: near and far.

Villages above the 25-degree slope line will be gradually relocated, and farmland will be returned to forests and ecological migration. Recently (2011-2020), a total of 222 villages with a population of 155,800 were relocated to water conservation areas, areas with high incidence of geological disasters and natural protection areas. Long-term (2021-2030) relocation of villages located in scenic spots and areas with poor geological conditions. In principle, villages with good current conditions and flat terrain, such as Lantian, Lintong and Zhouzhi old county should be rebuilt and upgraded, and some of them should be transformed into tourist reception villages. The villages below the 25-degree slope line shall be evacuated and merged, and the regional planning shall be carried out to realize the joint construction of the community and build ecological demonstration villages.

2.1.2 the ecological protection consciousness

The Qinling office of Xi'an city, together with the Qinling office of the six districts and counties along the mountain, has also actively carried out a publicity week for the ecological and environmental protection of the Qinling mountains with the theme of "protecting the Qinling mountains in accordance with the law and building a beautiful Xi'an". The various forms of publicity have created a good social atmosphere and raised people's awareness of caring for the Qinling mountains. Outside the city of Xi'an, along the road around the mountains, the foot of the Qinling mountains is a vibrant scene. Lush mountains covered by green vegetation, a cluster of greenhouses, a piece of miscellaneous fruit forest lush, a patchwork of farm buildings, beautiful rural natural landscape is unforgettable.

2.1.3 regional industrialization drive

We will explore the ecological environment protection, historical and cultural development, ecological tourism development and other topics, and research the ecological protection and development path with Qinling characteristics.

2.2 The external driving factors

2.2.1 the government's policy support

North slope of Qinling mountains on loop Nanshan project of ecological protection has promoted for three years. Xi'an established the Qinling ecological environment protection management committee office, compiled the "big Xi'an Qinling ecological environment protection planning" and "the big Xi'an Qinling protection use planning", established ecological and environmental protection index of Qinling mountains in Xi'an during the 13th five-year plan index, the main task and key projects, compiled Xi'an "13th five-year" qinling eco-environmental protection plan, and formed the qinling ecological environment protection rules; On December 25, 2016, the "Xi'an Qinling eco-environmental protection management measures" came into effect. This is the first time for a mountain legislation, and regulations stipulate that the Qinling eco-environmental protection adhere to the principles of overall planning, protection, scientific use, limited development, restoration management, ecological compensation. Qinling protection stepped into the "rule of law" era.

2.2.2 effective ecological compensation mechanism

The government has actively established a scientific compensation mechanism for ecological protection. First, we will accelerate the establishment of a long-term ecological compensation mechanism. Second, we will improve the ecological efficiency compensation financing mechanism. Finally, we should further explore the establishment of market-oriented and diversified financing channels. Special funds and protection funds for ecological and environmental protection were established for the Xi'an section of the Northern Slope and Nanshan ring road of the Qinling mountains, and market compensation models such as resource use right trading, emission right trading and carbon emission trading were carried out on a trial basis.

2.2.3 the lead of green technology innovation ideas

The report of the 19th party congress points out: advance green development. We will accelerate the establishment of a legal system and policy orientation for green production and consumption, and

establish a sound economic system for green, low-carbon and circular development. We will build a market-oriented green technology innovation system. Green water and green mountains need green development, and green water and green mountains need more scientific economic development mode. Only by promoting the greening of the mode of production and the optimization and upgrading of the economic structure can we turn green waters and green mountains into mountains of gold and silver.

3.The effective path of environmental governance for the north slope of Qinling Nanshan loop (Xi'an)

3.1 Developing the agricultural ecological tourism and improving the regional ecological benefits

Agricultural ecological park is to adopt the ecological park mode to conduct the layout and production of agriculture in the sightseeing park, integrate agricultural activities, natural scenery, scientific and technological demonstration, leisure and entertainment, environmental protection, etc., and realize the unification of ecological benefits, economic benefits and social benefits. Three parks will be built on the Northern Slope of the Qinling mountains and the south mountain circle. First, the eco-agriculture demonstration park will be built. Second, sightseeing agricultural tourism garden is for sightseeing, tour, tasting, shopping with many activities such as farming, leisure, vacation, forming the distinctive "sightseeing agricultural tourism garden" Third, the green food production park, in the "green consumption" trend of the world, organic agricultural products will be transformed into organic food conversion, the formation of a brand as well as the formation of a circular organic ecological park. It really kills three birds with one stone.

3.2 To promote the ecological protection consciousness

Nearly, under the strong leadership of the Xi'an Government, the city council works closely around the centre council, carries out publicity week "Xi 'an Qinling ecological and environmental protection regulations" with the subject "service and social development, economic development, enhance urban grade".

The film and TV works about the Xi'an Qinling ecological environment protection, big beauty of Xi 'an and the Qinling constantly grab people's attention; More and more social environmental group takes root, and a growing number of environmental volunteers and environmentalists will regard environmental protection as a mission and responsibility to contribute and promote the ecological protection consciousness.

3.3 Carrying out the performance evaluation of ecological environment counties

We will study the deployment of the ecological environmental protection and environmental protection supervision work, carry out the ecological environment performance evaluation of districts and counties, earnestly implement the "Xi'an environmental protection responsibility regulation (trying out)", strictly enforce the ecological environmental protection "party and government with responsibility, a pair of responsibilities," basically building up the party and government with responsibility, environmental protection, the government with full responsibility for the unified supervision, each department taking office in accordance with the law, the whole society participating in the "big pattern of ecological environment protection work. We will improve environmental quality as the goal, deepening the key industry pollution control, administrating according to law, providing efficient service, improving the

quality of ecological environment, carrying out the performance evaluation of ecological environment in the districts and counties.

3.4 Innovation on ecological environment management system

Xi 'an will take ecological protection as the core and implement the most stringent protection measures. Taking the opportunity of the disposal of illegal buildings, it is necessary to establish rules and regulations, strengthen regional linkage and comprehensive law enforcement, improve the accountability mechanism, increase the intensity of inspection, carry out comprehensive rectification, and crack down on the ecological environment destruction in qinling mountains.

4. Summary

The ecological environmental protection of Qinling mountains is a great undertaking that concerns the future generations, which requires the common concern and participation of the whole society, as well as the unremitting efforts of the contemporary and even several generations. Only by taking a highly responsible attitude towards history and the people and making concerted efforts to overcome difficulties, can we achieve the goal of "protecting one green mountain and eight rivers", make our sky bluer, our mountains greener and our water cleaner, achieve the sustainable development of the beautiful greater Xi 'an and strive for the sustainable development of Xi 'an's ecological economy.

Acknowledgement

This article for the 2017 Xi 'an science program (social development guiding plan soft science) the research on practical problems of the construction quality of xi 'an, "Xi'an" quality construction of driving mechanism of urban ecological environmental governance research - Nanshan loop xi 'an section of the ecological environment governance in north slope of Qinling mountains, for example "(project number: 20171095 / RK003-1) one of the achievements.

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