

Original Paper

On Environmental Protection and Sustainable Utilization of Land Resources

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Abstract

In today's era, with the rapid development of social economy and the rapid increase of urban population, the demand for land resources is becoming increasingly strong. However, as is well known, the land resources on Earth are limited. If we want to achieve long-term development, we must take the path of sustainable development and use land resources sustainably. At the same time, the sustainable use of land resources and environmental protection are also inseparable, and the two are complementary. At present, China should rely on the superiority of the socialist system, mobilize various forces, coordinate planning, highlight key points, and implement step by step, while following natural and economic laws, to achieve the goals of environmental improvement and sustainable land resource utilization as soon as possible.

Keywords

Environmental protection, Balance of nature, Land resources, sustainable development

1. Introduction

As is well known, China has a land area of about 9.6 million square kilometers, second only to Russia and Canada, and is the third largest country in the world in terms of area. Land is the home of human survival, and China has boundless territory and abundant land resources. However, due to its large population of about 1.3 billion, the per capita land occupation area is relatively small compared to other countries, So how to reasonably utilize land resources within limited resources has become a top priority. At the same time, developing and planning land will have a certain impact on the environment. How to plan and use more land without damaging the environment, avoid conflicts with the ecological environment during land remediation, and how to use planned land resources more efficiently and economically while promoting rational and sustainable development of resources, This is a question

worth pondering and exploring. With the rapid development of the economy and the continuous advancement of the times, high-tech means are becoming increasingly intelligent and practical, and China's land resources are relatively abundant. If traditional management methods are adopted, not only is efficiency very low, but also a large amount of human resources are wasted. Therefore, the application of high-tech means in land resource management in China can effectively improve the efficiency of land resource utilization.

2. Overview of Ecological Construction in China

China is rich in land resources, but in the process of development and transformation, it has seriously affected the Balance of nature of the environment. Currently, how to achieve environmental protection, rational utilization, and sustainable development of land resources has become a very important issue. As is well known, the land resources of the Earth are limited. To achieve long-term development, it is necessary to take the path of sustainable development and achieve sustainable utilization of land resources. At the same time, the sustainable use of land resources and environmental protection are inseparable and mutually reinforcing. Since the establishment of the People's Republic of China, China has vigorously improved the ecological environment, achieved tremendous achievements, and accumulated many valuable experiences. Generally speaking, land development and utilization planning requires the cooperation of multiple departments, as both the national and national per capita land use authorities are striving to incorporate the rational development of limited land resources into land use planning, in order to meet the requirements of more residential space and better living environment, and provide a good and comfortable living environment for humanity. Environmental protection has special significance in the planning of land and resources by relevant departments. Before land planning and consolidation, relevant personnel must be dispatched to conduct a large-scale survey, which is a very important preliminary survey. Only by fully understanding the geographical location, such as population, pillar industries, and economic development level, and whether the project can be reasonably allocated, can the direct geographical relationship be fully utilized, and the value and advantages of existing land be fully utilized to make correct guidance and contributions to socialist construction, Maximize the protection of the natural ecological environment. China's population base and total land resources rank first in the world, with a serious shortage of per capita land resources, which has become a scarce and valuable national strategic resource. How to improve the efficiency of social land use is a problem that must be considered when using limited resources to provide better services to the people. Through land use planning, unreasonable facility layout can be avoided, the utilization rate of land resources can be improved, and limited land resources can be utilized to higher social value.

3. Current Land Resource Dilemma in China

In recent years, with the rapid development of China's economy, environmental pollution has become increasingly severe, and the pollution of the entire ecological environment has also become increasingly severe, causing soil erosion in many places and having a very adverse impact on people's lives. According to relevant data, the current area of soil erosion in China is 3.67 million square kilometers, equivalent to one-third of the national land area, and this situation is still increasing year by year. The Loess Plateau is the region with the most severe soil erosion in China, which seriously affects economic development. According to relevant statistics, the area of soil erosion in China has reached 3.67 million square kilometers, accounting for 38.6% of the total land area. In recent years, its annual loss rate has been continuously accelerating. Especially the Loess Plateau is the region with the most severe soil erosion in China, with about 79% of land resources suffering from soil erosion. In addition, land desertification in China is also very serious. According to statistics from relevant department staff, the land desertification area in China has expanded from 1.6 billion acres to the current 3.9 billion acres. This phenomenon has been increasing year by year, posing a great threat to highways and railways, and having a significant impact on the lives of the people. The main feature of land Desertification is dust storm activity, which is similar to the desert environment. The landscape features are: large land area, coarse surface sand, decreased soil fertility, and sparse vegetation. North China is the main area of land desertification in China. According to relevant statistics, the area of desertification in China accounts for approximately 27.3% of the total land area. Desertification will destroy urban roads and railways. Even destroy people's original homes. Meanwhile, land salinization mainly refers to the high salt content of the soil, which leads to low or impossible production of crops. The formation of salinization is mainly due to factors such as drought, high groundwater level, low terrain, and lack of drainage. Groundwater contains a certain amount of salt. If it sleeps near the ground and is relatively dry, the water will evaporate, leaving behind salt. Over time, the salt content in the soil will gradually increase, forming saline soil. Alkali soil mainly includes saline soil, saline soil, alkaline soil and alkaline soil, which has a very adverse impact on people's lives. According to statistics from relevant departments, the area of land salinization in China is 99.13 million hectares, which seriously affects the utilization of land resources and people's livelihoods, and to some extent, is not conducive to economic development.

4. Strategic and Specific Measures for Environmental Protection and Sustainable Utilization of Land Resources

Nowadays, in the process of sustainable development, ecological construction is seriously insufficient. Therefore, the overall level of development of China's socialist modernization economic construction is relatively low, and there are problems such as comprehensiveness and uncontrollability, which greatly hinder the pace of sustainable development of land resources. We should actively mobilize various forces, coordinate planning, highlight key areas, implement them step by step, highlight key

areas and projects, have a wide impact, and achieve breakthroughs in ecological environment construction in a short period of time. In the process of ecological environment construction, it is necessary to always follow objective laws, adopt various engineering measures, biological measures, and agricultural measures according to local conditions, and strive to improve the efficiency of comprehensive governance. Adhere to legal protection and management. Supported by modern advanced science and technology, while accelerating the process of ecological environment construction, establish and improve environmental protection laws and regulations, and promote the legalization of ecological environment construction. Only through construction and protection, taking into account Pest control and benefits, and mobilizing the power of all sectors of society, can we effectively achieve the goal of environmental protection and sustainable use of land resources.

In order to break the monopoly, the government should strengthen the supervision of the primary land market, constrain the behavior of government officials, establish a more scientific and comprehensive regulatory mechanism, determine the distribution of land between the central and local governments, and then establish a more reasonable economic mechanism. We will actively promote the impact assessment mechanism for sustainable utilization decisions. To realize the sustainable use of land, it is necessary to actively establish a more perfect policy analysis mechanism and make scientific decisions, so that land use and management policies fully meet the basic requirements of social sustainable development. Environmental awareness needs to be disseminated and deepened. China has a vast territory and a large population, making it urgent to carry out environmental protection education and publicity work for the people and enterprises and institutions. Because environmental protection should be done for everyone. Only when everyone has environmental awareness can we prevent damage to the ecological environment from the source. The relevant national departments should actively carry out publicity work on land and resource protection. Encourage the public not only to have environmental awareness, but also to have the ability and methods to protect the environment. We will actively mobilize people to participate in this process, making them more concerned about the use of land resources and environmental protection. We should have a clear understanding and fear of the responsibility of pollution, waste, and misuse of land resources. Actively monitor and report related activities to jointly protect scarce land resources. With the development of the economy, China's environmental problems are becoming increasingly serious. Relevant departments must take effective management measures to address the serious pollution of the ecological environment and land resources. Although China has already issued some environmental protection laws and regulations, in the current situation, some laws and regulations have not yet been interconnected in some fields, which also indicates that China's environmental protection laws and regulations are not yet perfect, which has had a bad impact on environmental protection. Therefore, it is necessary to carry out special environmental protection work. The rational use and planning of land resources, strictly implementing the management system of this department, can improve the maximization of land use, protect the natural environment for human survival, pay attention to protecting the ecological environment, ensure

basic living and economic development goals, actively and effectively promote the development of economic benefits, and ultimately achieve sustainable development of environmental protection and land resource utilization. This is a win-win situation. With the serious pollution of the environment and land resources, ecological environment control is urgent. Relevant departments should strengthen environmental education and publicity to make the public aware of the importance of environmental protection, establish environmental protection concepts and ideas, and recognize that environmental protection is the responsibility of every citizen. Multimedia promotion, carrying out various environmental promotion activities in the classroom to enhance people's enthusiasm for environmental protection. In addition, relevant departments should strengthen land resource management, improve land use management systems, and formulate medium - and long-term sustainable land development plans.

5. Conclusion

In summary, from the current situation, environmental pollution and land use are very serious problems in China and should be taken seriously. In today's rapidly developing economy, people's living standards are constantly improving, but this phenomenon should be sustainable. This article explores environmental protection and sustainable use of land resources. Fully leverage the superiority of the socialist system, mobilize all aspects of social forces, adhere to China's national conditions, and follow natural and economic laws. Adhere to overall planning, highlight key areas, implement them step by step, prioritize key areas and projects that have a broader impact on the country, and strive to achieve breakthroughs in a short period of time. Therefore, relevant departments should attach importance to environmental protection and sustainable development of land resources in the process of economic construction, in order to achieve sustainable and healthy economic development. In order to fully realize the sustainable use of land resources, various measures must be taken to improve land use planning, making it more scientific and reasonable, in order to effectively protect land resources, fully utilize land resources, and make them the main driving force of China's economic growth.

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