

A Study on the Relationship between the Exploitation of the Changbai Mountain National Nature Reserve and the Protection of the Ecological Environment

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Summary

Guided by a philosophy of sustainable development, this paper discusses the exploitation of nature reserves and protection of the ecological environment. The paper introduces the essential characteristics of the Changbai Mountain National Nature Reserve, the division of the reserve into functional zones, and existing problems which include those resulting from the exploitation of natural resources and tourism resources.

The paper also analyzes ecological security in the Changbai Mountain National Nature Reserve and holds that the reserve is under imminent threat and that the ecological environment there should be protected and improved urgently. Thoughts on the development model for the Changbai Mountain National Nature Reserve are then introduced. Based on the analysis of the evaluation criteria and practical models of the exploitation of the Changbai Mountain National Nature Reserve, the paper concludes that the best choice for the Changbai Mountain National Nature Reserve is to stick to sustainable development.

Based on an introduction of the actual situation, the paper puts forward countermeasures and suggestions for resolving the problems resulting from the exploitation of nature reserves and protection of the ecological environment in the Changbai Mountain National Nature Reserve. First, ecological monitoring should be strengthened and environmental impact assessments should be strictly implemented. Second, sustainable development in the Changbai Mountain National Nature Reserve should be realized. The overall quality of the Changbai Mountain National Nature Reserve should be enhanced through perfecting the construction of infrastructure, enhancing the level of management and service in the tourism zone, and optimizing tourism projects and further developing tourism products. Finally, the government should play an active role in the exploitation and protection of the Changbai Mountain National Nature Reserve. Institutional reform at the forestry-bureau level should be perfected, planning, supervision and inspection of the management work in the nature reserve should be strengthened, and awareness of ecotourism among the general public should be raised.