

Abstract

Since China Reform and opening-up, Chinese economic development gets great success. But there are some problems becoming more serious than before, such as natural resources over-used、environmental pollution、biodiversity loss. These negative impacts would obstruct chinese development in future.

Chinese medicine resource is a complex resource in China, which includes animal、mineral and plant. In recent years, the demand of Chinese medicine resource is increasing rapidly, as the chinese medicine industry growth and “herbal food or medicine” is popular in the worldwide. The demand of chinese medicine resource specially chinese medicinal plant resource brings some issues in china, such as sandstorm and soil degradation. How to utilize chinese medicinal plant resource is a important issue for chinese medicinal industry.

In this dissertation, we reviewed the history of sustainable development, compared the difference of nature resources management between China and European Union, and chose licorice resource for case study. According the view of licorice resource, we put forward the suggestion of sustainable utilization of chinese medicinal plant resource. The innovation of dissertation is analyzing chinese medicinal plant resource by economic and ecologic side.

The dissertation includes 5 chapters. In chapter 1, we described the background of chinese medicine resource and the reason why sustainable utilization of chinese medicinal plant resource was research purpose. And research method was review of literature. In chapter 2, introduced the situation of chinese medicinal plant resource in China, including geography and characteristic. And compared the difference of natural resource manage in China and EU. In chapter 3, reviewed the history of sustainable development and analyze the principle of sustainable development. Then discuss the characteristic of sustainable development of chinese medicinal plant resource.

Chapter 4 is the key point of this dissertation. Analyze licorice resource as case study for sustainable utilization of chinese medicinal plant resource. We use the ‘Driving force- Pressure- Situation- Influence- Response’ index model analyzing licorice resource. The conclusion of licorice resource is 3 points: first, increasing usage in medicinal factory; second, encourage imports licorice; finally, protect current licorice resource. In chapter 5, according licorice resource’s conclusion, summarize the suggestion of sustainable utilization of chinese medicinal plant resource.

Key Word: Sustainable Development, Chinese Medicinal Plant Resource, Licorice, Economy and Ecology