

HJ

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

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Standard for assessment of nature reserve management

自然保护区管理评估规范

(English Translation)

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Foreword

In order to carry out the "Environmental Protection Law", "Nature Reserve Ordinance" and other laws and regulations, regulate the construction of natural reserves management, Improve the management level of nature reserves in our country and formulate this standard.

This standard specifies the basic principles, objectives, working procedures, content, methods, etc. of the nature reserve management assessment.

This standard is released for the first time.

This standard by the Ministry of Environmental Protection Science and Technology Standards Division, the Department of Natural Ecology Protection formulated.

1 Scope of application

This standard specifies the basic principles, objectives, work procedures, content and methods of nature reserve management assessment.

This standard applies to the People's Republic of China at all levels of various types of nature reserves management assessment.

2 Terms and definitions

The following terms and definitions apply to this standard.

Nature reserve

Natural representative of the natural ecosystem, the natural distribution of rare and

endangered species of wild flora, there are special natural heritage such as land, land water bodies or sea areas where the object of protection is located, draw out a certain area for special protection and management according to law.

Nature reserve management Work and achievements made by the nature reserve management agencies in performing their management responsibilities include the basis of management, measures, management Security, management effectiveness and negative impact.

Core zone

The main protected objects of important natural ecosystems, endangered species and natural sites in the nature reserve are concentrated and well preserved, Areas that require strict management measures.

Buffer zone

In order to buffer the impact of external interference on the core area, a certain area is delineated outside the core area and can only enter into scientific observation activities Area (strip).

Experimental zone

In order to explore the effective combination of natural resources conservation and sustainable use, we should draw a proper concentration outside the buffer zone of nature reserves Engaged in a variety of teaching internships, visits, the traditional production and living area (Strip).

Protected objects protected objects According to the relevant laws and regulations of the country and the localities as well as the characteristics of nature reserves, measures should be taken to be protected within the nature reserves, no destruction of natural ecosystems, treasure the endangered wildlife species and natural heritage in general.

Major protected objects major protected objects According to the national and local laws and regulations as well as the characteristics of nature reserves, it is necessary to take measures to focus on the nature reserves Protect or prohibit the destruction of certain types of natural ecosystems or some, cherish the endangered species of wild plants and natural heritage.

Management rules and regulations Relevant job responsibilities, personnel employment, finance, education, training, daily management and protection, patrol enforcement, community Co-management, information management, emergency (major disasters, major environmental pollution, etc.) emergency management and other regulatory rules and regulations.

Managment and protection facilities for the protection of nature reserves management facilities, including management and protection sites, warning signs, boundary markers,

boundary markers, signs, checkpoints, lookout Taiwan Other management and maintenance facilities.

3.1 Scientific Principles

Nature reserve management assessment should adhere to rigorous scientific attitude, the use of scientific and technical methods, highlighting the commonalities of nature reserve management, the nature of management objectives of different types of nature reserves, assessment of management's core objectives and major issues, and guidance of nature reserves promotion Management level.

3.2 The principle of fairness and openness Based on the actual data of nature reserve management, combined with on-the-spot investigation, objective, fair and open evaluation of natural reserve management the actual situation.

3.3 The principle of moderation Systematic assessment of the basic management of nature reserves, focusing on in-depth evaluation of the effectiveness of the management of nature reserves, so that the results of the assessment are conducive to promotion Effectiveness of nature reserve management.

3.4 The principle of operability the evaluation index system for nature reserves management designed in this standard proves that the data and information are easy to obtain and the scoring is easy to operate.

4 Assessment purposes

Discover the problems existing in the nature reserve management, put forward the suggestions to solve the problems, improve the management level of nature reserves, However, comprehensive supervision of protected areas.

5 Assessment of working procedures

Evaluation of management of nature reserves is generally divided into three stages, namely, assessment preparation stage, on-site assessment stage, assessment results analysis and Feedback phase, the assessment process shown in Figure 1.

Assessment preparation stage, the relevant departments of nature reserve management assessment organization set up a natural reserve management evaluation expert group, many experts in 5 (including not less than 2 management experts), training assessment experts, the preparation of evaluation work plan, the implementation of assessment funding. Nature reserve Management agencies to collect a comprehensive management information, with reference to Appendix A "Nature Reserve Management Evaluation Indicators and Grading" in the indicators one by one analysis, edited Write self assessment report. The management effectiveness part of the self-assessment report needs to incorporate at least three land use and NDVI data (not vegetation mainly Protected objects

of marine, geological heritage protected areas except) analysis and evaluation.

During the on-site assessment stage, the assessment panel listened to the reports of the nature reserve management agencies, reviewed the assessment materials and carried out the key area sites Survey, question, determine the evaluation score of nature reserve management, and feedback the evaluation results to the reserve management organization.

Assessment results analysis and feedback stage, the assessment team based on the site assessment of the situation, the preparation of the nature reserve management assessment report (with "from However, the evaluation report of protected area management assessment ", see Appendix B), submitted to the relevant departments of nature reserve management assessment. Nature Reserve Management Assessment Relevant departments formally put the evaluation results (assessment score, evaluation report or report main content) of each nature reserve management and the nature reserve management Management requirements to enhance the level of feedback to the nature reserve management agencies and their authorities. The preparation outline and format of nature reserve management assessment report is shown in Appendix C.

Figure 1 Nature Reserve Management Assessment Process

6 Assessment content

The evaluation contents include. the management foundation, management measures, management assurance, management effectiveness and negative impact of nature reserves. among them, the management basis includes the land ownership, scope boundary, function zoning and object of protection of the nature reserve. The management measures include nature protection Planning and implementation of district planning, resource investigation, dynamic monitoring, routine management and protection, patrolling law enforcement, research capability and publicity and education; management guarantee Including the management system of nature reserves, institutional settings and staffing, professional and technical capabilities, specialized law enforcement agencies, capital and management and protection Facilities; management effectiveness includes changes in the nature of protected areas and community participation; negative impacts include the impact of development and construction activities in nature reserves.

7 Assessment method

Nature Reserve Management Assessment According to the assessment expert on-site survey, the nature reserve management body was assessed the defense, information review Situation, using expert scoring method. Each evaluation expert scored 20 indicators listed in this standard, respectively, to obtain the natural protection of each expert District management assessment scores, all experts assessment scores, remove the highest score