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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 44056-2024

**Technical guidelines for evaluation of beautiful China
construction**

美丽中国建设评估技术指南

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part

1. Structure and drafting rules for standardization documents" Drafting. Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents. This document was proposed by the National Development and Reform Commission of the People's Republic of China. This document is under the jurisdiction of the National Technical Committee on Environmental Management Standardization (SAC/TC207). This document was drafted by: Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences, China National Institute of Standardization, Institute of Environmental Planning, Ministry of Ecology and Environment, Ministry of Natural Resources National Land and Space Planning Research Center, Tsinghua University, China Institute of Water Resources and Hydropower Research, China Urban Construction Research Institute Co., Ltd. Department of Environmental Protection, China Meteorological Administration. The main drafters of this document are. Fang Chuanglin, Xu Bingsheng, Ge Quansheng, Bao Chao, Hou Shan, Wang Zhenbo, Zhang Lijia, Li Guangdong, Liao Xiaoyong, Sun Siao, Ma Haitao, Fan Yupeng, Qin Changbo, Zhang Xiaoling, Wang Shuxiao, Guan Dabo, Qin Wei, Liu Haiyan, Xiao Yang, Ding Haifang.

In order to deeply practice the idea of ecological civilization construction, focus on promoting green development, follow the requirements of building a beautiful China, adhere to the principle of "green water and green mountains are gold" The concept of "Mountains and Silver Mountains" is anchored in the goal of basically achieving the construction of a

beautiful China by 2035, scientifically reflecting the historical achievements made in the construction of ecological civilization, and systematically To evaluate the progress and effectiveness of the construction of a beautiful China, and to further play the guiding and promoting role of the evaluation work in the construction of a beautiful China, guide.
Beautiful China Construction Assessment Technical Guide

1 Scope

GB/T 44056-2024 is the technical guideline for evaluating beautiful China construction, and it is the measurement instrument attached to one of China's central policy programmes. Beautiful China is the ecological civilisation objective the state has set for 2035, and until this document existed the phrase had no agreed metric; the guideline turns it into an indicator system with weights, bands and a scoring procedure that can be applied to a province or a prefecture and compared across them. It covers the purpose and basic principles of the evaluation, the workflow, the indicator system and the grading method, the data collection and evaluation methods, the analysis of the results and the output of the deliverables. Eight normative annexes carry the working detail: the full indicator system with its reference weights, the grading method, the technical methods, the quantitative identification of every second-level indicator, which alone runs to twenty-seven pages, the procedure and method of the public satisfaction survey, the outline of the evaluation report, the format of the main data tables and the cartographic specification for the evaluation maps. It applies to the evaluation of beautiful China construction at national, provincial and prefecture level.

This document provides technical guidance for the evaluation of the Beautiful China Initiative, including the purpose and basic principles of the evaluation, the evaluation process, and the evaluation results. The content includes price index system and grading method, data collection and evaluation method, evaluation result analysis, and evaluation results output. This document is applicable to guiding the assessment work of building a beautiful China at the national, provincial and prefecture-level administrative regions.

2 Normative references

This document has no normative references.

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Beautiful ChinabeautifulChina Follow the laws of national economic and social development and ecological environment protection, and integrate national economic and social development with ecological environment protection through carbon reduction, pollution reduction, green expansion and growth. The construction of ecological civilization

is implemented in the land space with different main functions, forming a high level of ecological environment protection and high efficiency of natural resources. A new national sustainable development pattern of utilization, high-quality economic and social development, and harmonious coexistence between man and nature.

3.2 Carbon reduction index Adopting several carbon reduction indicators that reflect low-carbon energy transformation, energy and transportation structure adjustment, new energy use and safe carbon reduction. The value obtained by weighted summation is used to reflect the degree of achievement of carbon reduction targets in the construction of a beautiful China.

3.3 The calculation is based on the weighted sum of air, water, soil, noise, solid waste and other pollution reduction indicators, and is used to reflect the construction of a beautiful China. The numerical value of the degree of achievement of the pollutant emission reduction targets.

3.4 Green expansion index The data is calculated by weighted summation of forest area, grassland area, artificial green area and other green expansion indicators, and is used to reflect the construction of a beautiful China. The protection and restoration of important ecosystems in the region, as well as the degree of achievement of greening targets.

3.5 Growth Index The calculation is based on the weighted sum of growth indicators such as green transformation of development mode, green economic growth, innovative development, and residents' well-being. A numerical value that reflects the degree of achievement of the goals of high-quality development and improvement of residents' living standards in the construction of a beautiful China.

3.6 The basic index value calculated by using the carbon reduction index, pollution reduction index, green expansion index and growth index is added to the sum of the addition and subtraction items. A comprehensive value used to measure the progress of building a beautiful China and the degree of achievement of its goals.