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

GB/T 46336.1-2025

**Guidelines for rivers and lakes happiness evaluation - Part 1:
Rivers with a watershed area of 3000 km² or less**

幸福河湖评价导则 第1部分：流域面积3000 km²以下（含）河流

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1.Structure and Drafting Rules of Standardization Documents". Drafting. This document is Part 1 of GB/T 46336, "Guidelines for the Evaluation of Happy Rivers and Lakes". GB/T 46336 has already published the following parts.

1.Rivers with a drainage area of 3000 km² or less (inclusive). Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed and is under the jurisdiction of the Ministry of Water Resources of the People's Republic of China. This document was drafted by: China Institute of Water Resources and Hydropower Research, China National Institute of Standardization, Nanjing Hydraulic Research Institute, and the Ministry of Water Resources' Department of River and Lake Sciences. Protection Center, Development Research Center of the Ministry of Water Resources. The main drafters of this document are. Wang Jianhua, Liu Changshun, Peng Wenqi, Qu Xiaodong, Wu Haibing, Bai Xue, Zhang Min, Ju Qianqian, Liu Jiangang, and Wang Jing. Zhang Haiping, Guan Yan, Xie Chen, Zhu Rui, Liu Zhuo, Hao Chunfeng.

To standardize the evaluation of happy rivers and lakes and promote the scientific

protection and management of river basins, the "Guidelines for the Evaluation of Happy Rivers and Lakes" have been formulated. From multiple dimensions such as safety, health, beauty, culture, and development, it scientifically constructs a system that reflects the people's aspirations for a better life and aligns with modern needs. A happiness index system for rivers and lakes, based on the requirements of river protection and management. Through evaluation, a quantitative happiness index for rivers and lakes is derived, allowing for an understanding of public perception of happiness in rivers and lakes. The actual conditions experienced provide technical support for the construction of happy rivers and lakes and the protection and management of rivers. Based on the characteristics of rivers and lakes at different levels, the "Guidelines for the Evaluation of Happy Rivers and Lakes" is proposed to consist of the following three parts.

1. Rivers with a drainage area of 3000 km² or less;
2. Rivers with a drainage area of 3000 km² or more;

1 Scope

GB/T 46336.1-2025 is the Chinese national standard covering scoring a small river on more than its water quality - the flow maintained and the flood safety, the ecology and the bank condition, the water supply it provides and the access and amenity for the people living along it, combined into one index. Part 1 of the series, first edition, under the Ministry of Water Resources. In force from 1 May 2026. Issued on 5 October 2025, it has been in force since 1 May 2026.

This document establishes an evaluation index system for happy rivers and lakes, stipulates the rules for determining the happiness index of rivers and lakes, and describes the rules for forming evaluation results. The requirements for preparing the evaluation report are provided. This document applies to the evaluation of happy rivers and lakes that flow through towns (streets) and have a drainage area of 3000 km² or less.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB 3838 Surface Water Environmental Quality Standard

GB/T 41368 Technical Specification for Automatic Hydrological Monitoring and Forecasting Systems

GB 50201 Flood Control Standard SL219 Water Environment Monitoring Standard SL395

Technical Specification for Surface Water Resources Quality Assessment SL/T 534
Technical Specification for the Construction of Ecological and Clean Small Watersheds
SL/T 712 Standard for Calculating Water Demand for River and Lake Ecological
Environment SL723-2016 Flood Control Standards

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 It can maintain the stability of the structure and function of river and lake ecosystems, safeguard the health of rivers and lakes, ensure the safety of rivers and lakes, and promote the high-quality development of watersheds. Quality development aims to achieve safe and peaceful rivers and lakes, clear waters teeming with fish, green and beautiful banks, livable and business-friendly environments, and harmonious coexistence between people and water, ensuring that people within the basin have a high sense of security and well-being. Rivers and lakes that bring a sense of gain and satisfaction.

3.2 It comprehensively reflects the ability and level of rivers and lakes to maintain good condition, meet human needs, or provide services.

4 Evaluation Index System

4.1 Indicator System The evaluation index system for happy rivers and lakes consists of the following two levels of indicators.