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

GB/T 44024-2025

**Basic requirements for protection of rights and interests related
to scientific data**

科学数据权益保护基本要求

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Table of Contents

1 Scope	1
2 Normative references	1
3 Terms and Definitions	1
4 General Principles	2
4.1 Objective	2
4.2 Principle	2
5 Producers	2
5.1 Definition	2
5.2 Liability	2
5.3 Benefits	3
6 Management	4
6.1 Definition	4
6.2 Liability	4
6.3 Benefits	4
7 User	5
7.1 Definition	5
7.2 Liability	5
7.3 Equity	5
8 Production Participants	6
8.1 Definition	6
8.2 Liability	6
8.3 Rights and Interests	6
9 Registration Information	6
9.1 Content	6
9 Reference	10

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 Ministry of Science and Technology of the People's Republic of China. This document is under the jurisdiction of the National Science and Technology Platform Standardization Technical Committee (SAC/TC486). This document was drafted by: Beijing University of Aeronautics and Astronautics, Computer Network Information Center of Chinese Academy of Sciences, China National Institute of Standardization, China Agricultural University Institute of Agricultural Information, Chinese Academy of Sciences, Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences, National Science and Technology Basic Conditions Platform Center, Yunnan Provincial Science and Technology College of Technology. The main drafters of this document are. Zhao Qiyang, Zhang Hui, Liu Rui, Liao Fangyu, Wang Zhiqiang, Hu Lianglin, Zhu Yanhua, Yang Qinghai, Fan Jingchao, Guo Xuebing, He Yuntao, Yang Yan, Zhang Yan, and Xu Kaicheng.

Scientific data is a strategic and fundamental scientific and technological resource with the characteristics of fast dissemination, wide impact, and high development and utilization value. It affects the economic development, national security, scientific and technological progress and comprehensive competitiveness of all countries. The "Measures for the Administration of Scientific Data" clearly states that "any unit Individuals engaged in the collection, production, use and management of scientific data shall abide by relevant national laws, regulations and departmental rules and regulations and shall not use scientific data to Data is used to engage in activities that endanger national security, social public interests, and the legitimate rights and interests of others. This document is to effectively enhance the protection of scientific data rights and interests. It is an important guarantee for the level of scientific data protection and can promote the improvement of the rights and interests protection capabilities of scientific data related institutions. This document is a basic standard for the protection of scientific data rights and interests, taking into account all relevant aspects of scientific data in the life cycle of scientific data. A rights protection system covering all aspects of the scientific data life cycle is formed, including the responsibilities and responsibilities of all parties involved in the protection of scientific data rights. The rights and interests they may enjoy. Basic requirements for protecting scientific data rights and interests

1 Scope

GB/T 44024-2025 sets the basic requirements for protecting rights and interests in scientific data. China has built national scientific data centres and requires publicly funded data to be deposited and shared, which immediately raises the question the standard exists to answer: who holds what rights in a dataset, and what does a producer get in return for depositing it. The standard sets the objectives and principles and then works through the parties in turn: the producers, their definition, their responsibilities and the benefits and recognition due to them, and equally the data centres, the users and the funders, with the

rights, obligations and legitimate interests of each. It then covers the mechanisms that give effect to them, the attribution and citation of data, the licensing and the conditions of use, the embargo and priority arrangements that protect a producer before publication, the handling of derived data, and the resolution of disputes. It took effect on 24 January 2025.

This document stipulates the basic requirements for the protection of scientific data rights and interests, including what should and can be done by all stakeholders in scientific data. This document applies to the protection of the rights and interests of all parties involved in scientific data during the production, management and use of scientific data.

2 Normative references

The contents of the following documents constitute essential clauses of this document through normative references in this document. For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document.

GB/T 30522-2014 Basic principles and methods for standardization of metadata for scientific and technological platforms

GB/T 32843-2016 Scientific and technological resource identification

GB/T 43707-2025 Scientific Data Provenance Metadata

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 scientific data In the fields of natural sciences, engineering sciences, etc., the Records of original and derived information obtained by other means, or other data that can be used for scientific research activities. [Source: GB/T 43708-2025, 3.2]

3.2 metadata Data about data. [Source: GB/T 30522-2014, 3.3]

3.3 A set of characters used to uniquely identify scientific and technological resources. [Source: GB/T 32843-2016, 2.2]

3.4 Scientific research institutes, universities, administrative agencies, enterprises, institutions, social groups, etc. that are involved in the production, management, and use of scientific data Organization or individual.

3.5 In the fields of natural sciences, engineering sciences, etc., organizations or individuals that produce scientific data through various channels.