

ICS 65.020
CCS B 65

LY

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

LY/T 3403-2024

Specification of desert inventory

沙漠（含戈壁、沙地）编目规范

(English Translation)

Issued on: December 16, 2024

Implemented on: May 1, 2025

Issued by: State Forestry and Grassland Administration

Table of Contents

Preface	
1 Scope	
2 Normative references	
3 Terms and Definitions	
4 Cataloging parameter requirements	
4.1 Desert Name	
4.2 Desert Code	
5 Desert attribute information	
5.1 Geographical location of deserts	
5.2 Desert Altitude	
5.3 Desert area	
5.4 Desert geological characteristics	
5.5 Desert landform characteristics	
5.6 Desert hydrological characteristics	
5.7 Desert Soil Characteristics	
5.8 Desert Climate Characteristics	
5.9 Desert biological characteristics	
6 Cataloging attribute information processing requirements	
6.1 Data sources, collection and editing	
6.2 Data Information Classification	
6.3 Data Information Analysis and Processing	
6.4 Data information cataloging	
7 Cataloging results	
7.1 Forming desert inventory results	
Appendix A (Normative) China's Desert Ecological Geographical Regionalization System	
Appendix B (Normative) China Desert Coding Rules	
Appendix C (Normative) Format and requirements of basic information table for China's desert inventory	
Appendix D (Informative) Format and requirements of desert geological characteristics information table	
Appendix E (Informative) Format and requirements of desert landform characteristics information table	

Appendix F (Informative) Format and requirements of desert hydrological characteristics information table

Appendix G (Informative) Format and requirements of desert soil characteristic information table

Appendix H (Informative) Format and requirements of desert climate characteristics information table

Appendix I (Informative) Format and requirements of desert biological characteristics information table

Appendix J (Informative) Summary of Desert Inventory Results

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.

1 Scope

This document specifies the attributes and characteristics of the original deserts (including Gobi and sandy land, the same below) with an area of more than 1km² in my country and their changes.

The cataloging requirements for analysis, selection, description, and recording.

This document is applicable to the cataloging of deserts within the scope of our country.

2 Normative references

This document has no normative references.

3 Terms and definitions

The following terms and definitions apply to this document.

Desert Inventory

According to certain standards and rules, the desert attribute information is analyzed, selected, described, and recorded as entries.

Organize into a directory or purpose process in a certain order.

4.1 Desert Name

Desert names are an essential part of desert inventory. When conducting an inventory, the official names commonly used in deserts should be used.

The deserts investigated and catalogued do not have an official name, and an informal name should be discussed and determined. When determining the desert name, the names of the surveyed and catalogued deserts should be avoided.

There are duplicate desert names. You can obtain them in the following three ways.

--- Obtained from relevant maps. The names of deserts marked on relevant maps can be used as reference for desert cataloguing.

--- Obtained from literature resources. The names of deserts given in published literature can be used as reference for desert cataloging.

---Self-naming. For deserts whose names cannot be verified, they can be named according to relevant regulations and principles.

When there are multiple informal names, relevant drawings, documents and other materials should be given priority in selection, followed by self-naming.

4.2 Desert Coding

Desert coding should take into full consideration three factors. convenience for computer storage, convenience for data statistics, and convenience for retrieval and use of cataloging results.

The code consists of four parts. the administrative region code of the desert, the desert ecological and geographical division code, the sequence code of the division and the desert number.

The desert eco-geographical zoning system is divided according to the characteristic indicators of desert climate, landform, vegetation, etc., as shown in Appendix A. The specific coding rules are shown in Appendix B.

5.1 Geographical location of desert

The description of the desert's geographical location includes the absolute location of the four boundaries expressed in longitude and latitude, the relative location of important geographical features in the four directions, and the