

ICS 65.020.40

CCS B 64



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

GB/T 44351-2024

**Code of practice for degraded forest remediation and
restoration**

退化林修复技术规程

Issued on: September 29, 2024

Implemented on: September 29, 2024

**Issued by: State Administration for Market Regulation;
Standardization Administration of the PRC**

Table of Contents

Preface	III
1 Scope	1
2 Normative references	1
3 Terms and Definitions	1
4 General Principles	2
5 Technical procedures	2
6 Degraded forest identification	2
7 Degradation level classification	3
8 Repair measures selection	3
9 Assignment Design	7
10 Restoration work	8
11 Quality Evaluation	9
12 File Management	9
Appendix A (Normative) Corresponding Table of Degraded Forest Identification Indicators and Restoration Measures	10
Appendix B (Informative) Degraded forest restoration operation design table template	13

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 State Forestry and Grassland Administration.

This document is under the jurisdiction of the National Afforestation Standardization Technical Committee (SAC/TC385).

This document was drafted by: State Forestry and Grassland Administration, Resource Information Research Institute of Chinese Academy of Forestry, Beijing Forestry University, Jilin Province Chinese Academy of Forestry, Tropical Forestry Experimental Center of Chinese Academy of Forestry, and Industrial Development Planning Institute of State Forestry and Grassland Administration.

The main drafters of this document are: Zhang Wei, Wu Xiuli, Lei Xiangdong, Zhang Xiaohong, Liu Yi, Yang Hui, Liu Xianzhao, Guo Hong, Gao Wenqiang, Xie Yangsheng, Ma Hao, Liu Chang, He Xiao, Xiang Wei, He Huaijiang, Zhang Zhonghui, Luo Ye, Ming Angang, Li Yujie.

Technical regulations for restoration of degraded forests

1 Scope

This document establishes the general principles and procedures for the restoration of degraded forests, and stipulates the identification of degraded forests, classification of degradation levels, selection of restoration measures, and operation design.

Requirements for design document preparation, restoration work construction, quality evaluation and file management.

This document is applicable to the restoration of degraded timber forests and protective forests, and other forest types shall be implemented accordingly.

2 Normative references

GB/T 15163

GB/T 15776

GB/T 15781

GB/T 26424

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Degraded forest

Affected by human interference or natural disasters, the forest structure has undergone adverse changes, and the service function or sustainability of forest ecosystem productivity has been significantly reduced.

The forest area has declined significantly and it is difficult to recover in the short term relying on natural forces.

3.2 Activity or process

By taking scientific human measures, we can improve the structure of degraded forests, enhance forest quality, restore forest functions, and promote positive forest succession.

3.3 Target forest

The healthy, stable, high-quality and efficient forest characteristics are determined based on zonal climax forest communities or in accordance with specific cultivation objectives.

Note. It is usually described by indicators such as tree species composition, community structure and stock volume.

3.4

According to the forest development stage, systematic restoration measures are designed for the entire process from the current state of degraded forest to the target forest phase.

3.5

After the forest closes, the trees compete with each other for mutual benefit and enter a developmental stage in which the tree height grows rapidly.