

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

LY/T 3258-2021

**Technical specifications for long-term observation of karst
rocky desert ecosystem
(English Translation)**

Issued on: January 1, 1970

Implemented on: January 1, 1970

Issued by: State Forestry and Grassland Administration

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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 of Standardization Documents" drafted:

1 Scope

This document specifies the content of the positioning observation of the karst rocky desert ecosystem and the methods of rocky desertification characteristics, meteorology, hydrology, soil, and biological observations:

and technical requirements:

This document is applicable to the positioning observation of the karst rocky desert ecosystem in my country:

2 Normative references

The contents of the following documents constitute essential provisions of this document through normative references in the text: Among them, dated citations documents, only the version corresponding to that date applies to this document; for undated references, the latest edition (including all amendments) applies to this document:

GB/T 6920 Determination of pH value of water quality by glass electrode method GB/T 7480 Determination of nitrate nitrogen in water quality Phenolic disulfonic acid spectrophotometric method GB 7887 Forest plants and forest litter all silicon, iron, aluminum, calcium, magnesium, potassium, sodium, phosphorus, sulfur, manganese, Determination of total copper and total zinc (nitric acid-perchloric acid digestion method) GB 7888 Determination of total nitrogen, total phosphorus, total potassium, total sodium, total calcium and total magnesium in forest plants and forest litter (sulfuric acid-perchloric acid digestion Law) GB/T 11893 Determination of Total Phosphorus in Water Quality Ammonium Molybdate Spectrophotometric GB/T 11894 Determination of total nitrogen in water quality by alkaline potassium persulfate digestion UV spectrophotometry GB/T 11896 Determination of Chloride in Water Quality by Silver Nitrate Titration GB/T 11899 Gravimetric method for determination of sulfate in water quality GB/T 11904 Determination of potassium and sodium in water quality by flame atomic absorption spectrophotometry GB/T 11905 Determination of calcium and magnesium in water quality by atomic absorption spectrophotometry GB/T 12329 Karst Geology Terminology GB/T 13196 Determination of Sulfate in Water Quality by Flame Atomic Absorption Spectrophotometry GB/T 13580.2 Collection and preservation of atmospheric precipitation samples GB/T 14581 Technical Guidelines for Sampling of Lakes and Reservoirs GB/T 17296 China Soil Classification and Code GB/T 27991 Basic technical conditions for river sediment testing

and particle analysis instruments GB/T 32723 Substrate-induced respiration method for determination of soil microbial biomass GB/T 33027 Long-term positioning observation method of forest ecosystem GB 50179 Specification for river flow test HJ/T 52 Technical Guidance for Water Quality River Sampling HJ/T 166 Technical Specification for Soil Environment Monitoring HJ494 Water Quality Sampling Technical Guide HJ710.3 Biodiversity Observation Technical Guidelines for Terrestrial Mammals HJ710.4 Biodiversity Observation Technical Guidelines for Birds HJ710.5 Technical Guidelines for Biodiversity Observation Reptiles