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**INDUSTRY STANDARD OF THE
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**Specification for monitoring and assessment of mangrove
wetland ecosystem**

红树林湿地生态系统监测评价规范

(English Translation)

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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:

Please note that some content in this document may be subject to patents: The publisher of this document assumes no responsibility for identifying patents:

1 Scope

This document stipulates the general requirements for monitoring and evaluation of mangrove wetland ecosystems, monitoring indicators and methods, and the ecological quality evaluation indicator system:

and method technical requirements:

This document is applicable to the monitoring and evaluation of mangrove wetland ecosystems nationwide:

2 Normative reference documents

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

GB 3097 seawater quality standards GB 7489 Determination of dissolved oxygen in water quality by iodometric method GB 11903 Determination of water quality colorimetry GB/T 15265 Gravimetric method for determination of ambient air and dust GB/T 18204.24 Method for determination of carbon dioxide in air in public places GB/T 27648 Important Wetland Monitoring Index System GB/T 31705 Gas chromatography method for online observation of background atmospheric carbon dioxide and methane concentrations HJ442.1 Technical Specifications for Environmental Monitoring in Coastal Seas Part 1: General Principles HJ442.3 Technical Specifications for Environmental Monitoring of Coastal Seas Part 3: Water Quality Monitoring of Coastal Seas HJ442.4 Technical Specifications for Environmental Monitoring of Coastal Seas Part 4: Sediment Monitoring of Coastal Seas HJ442.6 Technical Specifications for Environmental Monitoring of Coastal Seas Part Six: Biological Monitoring of Coastal Seas HJ618 Gravimetric method for determination of ambient air PM10 and PM2.5 HJ658 Determination of soil organic carbon combustion oxidation-titration method HJ710.4 Biodiversity Observation Technical Guidelines for Birds HJ710.7 Biodiversity Observation Technical Guidelines for Inland Water Fishes HY/T 081 Technical regulations for mangrove ecological monitoring HY/T 0273 Technical Guidelines for Marine Disaster Risk Assessment and Zoning Part 1: Storm Surge LY/T 1681 Forestry pest occurrence and disaster standards LY/T 2090 Wetland ecosystem positioning and observation index system LY/T 2898 Technical specifications for positioning and observation of wetland ecosystems NY/T 1121.16 Soil testing Part 16: Determination of total soil water-soluble salts QX/T 49 Specifications for Surface Meteorological Observations Part 5: Barometric Pressure Observations QX/T 50 Specifications for Surface Meteorological Observations Part 6: Observation of Air Temperature and Humidity QX/T 51 Specifications for surface meteorological observations Part 7: Observation of wind direction

and wind speed QX/T 52 Specifications for Surface Meteorological Observations Part 8:
Precipitation Observations QX/T 55 Specifications for Surface Meteorological Observations
Part 11: Radiation Observations QX/T 56 Specifications for Surface Meteorological
Observations Part 12: Sunlight Observation