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**INDUSTRY STANDARD OF THE
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**Code of practice for coastal soil salinization monitoring and
evaluation**

(English Translation)

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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" Drafting.

This document was proposed by the Ministry of Natural Resources of the People's Republic of China.

This document is under the jurisdiction of the National Marine Standardization Technical Committee (SAC/TC283).

Drafting organizations of this document. First Institute of Oceanography, Ministry of Natural Resources, National Marine Environmental Monitoring Center.

1 Scope

This document specifies the monitoring plan design, monitoring content and methods, status evaluation, and monitoring of soil salinization monitoring and evaluation in coastal areas Requirements for data collection and report writing.

This document is applicable to the monitoring and evaluation of soil salinization in coastal zones and islands under the jurisdiction of the People's Republic of China.

2 Normative references

The content of the following documents constitutes an indispensable clause of this document through normative references in the text. Among them, dated quotations Only the version corresponding to the date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to this document.

GB/T 20257.3-2017 National Basic Scale Map Schema Part 3.1.25000 1.50000 1.100000
Topographic map GB/T 20257.4-2017 National Basic Scale Map Schema Part 4.1.250,000
1.500,000 1.1000000 topographic map schema NY/T 1121.1-2006 Soil Testing Part 1:
Collection, Processing and Storage of Soil Samples NY/T 1121.16-2006 Soil Testing Part
16: Determination of Total Water Soluble Salt in Soil NY/T 1121.17-2006 Soil Testing Part
17: Determination of Soil Chloride Ion Content NY/T 1121.18-2006 Soil Testing Part 18:
Determination of Soil Sulfate Ion Content

3 Terms and definitions

The following terms and definitions apply to this document.

Coastline

The trace line of the boundary between land and sea at the average high tide level of the

spring tide for many years.

[Source. GB/T 18190-2017, 2.1.1] 3.2 Soil the loose layer on the earth's land surface composed of minerals, organic matter, water, air and biological organisms that can grow plants.

[Source. GB/T 18834-2002, 2.2] 3.3 Soil salinization the process of accumulating salt in the soil to form saline soil.

[Source. GB/T 18190-2017, 5.1.7, with modification] 3.4 Soilsalinity the total amount of soluble salt in the soil is expressed in grams of soluble salt per kilogram of dry soil.