

ICS 13.080.01

CCS B 10



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

GB/T 36393-2018

**Soil quality -- Guidance on the procedure for investigation of
natural, near-natural and cultivated sites**

Issued on: June 7, 2018

Implemented on: January 1, 2019

**Issued by: State Administration for Market Regulation, China National
Standardization Administration**

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard uses the translation method equivalent to ISO 10381-4:2003 "Soil quality sampling Part 4. Nature, near nature and farming

Soil Survey Procedures Guide.

This standard has made the following editorial changes.

--- In line with the existing standard series, the standard name was changed to "Soil quality natural, near-natural and cultivated soil survey procedures" south".

This standard was proposed by the Ministry of Agriculture and Rural Affairs of the People's Republic

This standard is under the jurisdiction of the National Soil Quality Standardization Technical Committee (SAC/TC404).

This standard was drafted. Nanjing Institute of Soil Science, Chinese Academy of Sciences, Jiangsu Institute of Quality and Standardization.

1 Scope

This standard describes soil sampling at the following sites.

--- Natural and near natural sites;

---Agricultural area (cultivated land and pasture land);

--- Gardening areas (including family gardens, community vegetable gardens);

---Special crop cultivation, tree planting, vineyards, etc.;

--- Forest areas and woodlands.

This standard applies to.

--- Soil investigation and evaluation in the field;

--- Description of chemical, geochemical, physical, biological and radioactive characteristics of soil and soil materials in the laboratory after sampling.

This standard provides for the handling of sampling procedures, field operations, and pre-preparation (such as drying, grinding).

A suitable method is provided.

Note. This standard can be used in conjunction with other national standards for soil quality where appropriate.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

ISO 10381-1 Soil quality sampling Part 1. Design guide for sampling procedures (Soilquality-Sampling-Part 1.

Guidanceonthedesignofsamplingprogrammes)

ISO 10381-2 Soil quality sampling Part 2. Sampling technical guide (Soilquality-Sampling-Part 2.Guid-

Anceonsamplingtechniques)

ISO 10381-3 Soil quality sampling - Part 3. Safety guide (Soilquality-Sampling-Part 3. Guidance

Onsafety)

ISO 10381-5 Soil quality sampling - Part 5. Guidelines for survey methods for soil pollution in urban and industrial sites (Soil

quality-Sampling-Part 5.Guidanceoninvestigationofsoilcontaminationofurbanandindustrial Sites)

ISO 10381-6 Soil quality sampling - Part 6. Indoor determination of microbial processes, biomass and diversity

Guide to collection, handling and storage (Soilquality-Sampling-Part 6. Guidance on thecolection, handlingand

Storageofsoilunderaerobicconditionsfortheassessmentofmicrobiologicalprocesses,biomass and

Diversity in the laboratory)

ISO 11074-1:1996 Soil quality vocabulary Part 1. Terms and definitions for soil protection and pollution (Soil quality-

Vocabulary-Part 1. Terms and definitions relating to the protection and pollution of the soil)

ISO 11074-2:1998 Soil quality vocabulary Part 2. Terms and definitions related to soil sampling (Soil quality-Vo-

cabulary-Part 2. Terms and definitions relating to sampling)

ISO 11277 Soil quality - Determination of particle size distribution of mineral soils - sifting and sedimentation method (Soil quality-De-