

Soil quality - Vocabulary (ISO 11074:2025)

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NATIONAL FOREWORD

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ICS 01.040.13, 13.080.01

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EUROPEAN STANDARD

EN ISO 11074

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2025

ICS 01.040.13; 13.080.01

Supersedes EN ISO 11074:2015, EN ISO
11074:2015/A1:2020

English Version

Soil quality - Vocabulary (ISO 11074:2025)

Qualité du sol - Vocabulaire (ISO 11074:2025)

Bodenbeschaffenheit - Wörterbuch (ISO 11074:2025)

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN ISO 11074:2025) has been prepared by Technical Committee ISO/TC 190 "Soil quality" in collaboration with Technical Committee CEN/TC 444 "Environmental characterization of solid matrices" the secretariat of which is held by NEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2025, and conflicting national standards shall be withdrawn at the latest by September 2025.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 11074:2015.

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Endorsement notice

The text of ISO 11074:2025 has been approved by CEN as EN ISO 11074:2025 without any modification.

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 190, *Soil quality*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 444, *Environmental characterization of solid matrices*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 11074:2015), which has been technically revised. It also incorporates the Amendment ISO 11074:2015/Amd 1:2020.

The main changes are as follows:

- terminological entries have been reorganised with all the terms and definitions placed in [Clause 3](#) in alphabetical order;
- terms that have different definitions depending on the context have been grouped, and the domain has been added in angle brackets to differentiate them.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

This document defines soil quality terms. The previous editions (ISO 11074:2015 and ISO 11074/Amd 1:2020) presented terms and definitions in separate clauses to differentiate the terms about e.g. sampling, remediation. This became more and more artificial, since soil quality experts with different expertise need to work closely together and there is a greater need for one term list instead of multiple ones, where experts first need to find out in which clause a specific term is located. In this edition, all the terms are included in [Clause 3](#).

For some terms, there are different definitions, depending on the context. These terms are presented after each other, with the differentiating domains between brackets: <context>. Often these are a general domain and a specific domain, resulting in different definitions.

Though the terms apply to all other ISO/TC 190 soil quality standards, this document does not cover all the terms used in ISO/TC 190 soil quality standards.

New and revised standards are published continuously though time. The revision periods of soil quality standards differ. That means that definitions of the same terms can be different in specific soil quality standard and in this document.

NOTE For general terms relating to quality, see ISO 9000.

Soil quality — Vocabulary

1 Scope

This document defines terms used in the field of soil quality.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>

3.1

abandoned hazardous site

hazardous site (3.201) left by the owner or other responsible party in unmanaged condition

3.2

abandoned industrial site

industrial site (3.443) left by the owner or other responsible party in unmanaged condition

3.3

abandoned potentially hazardous site

site (3.443), left by the owner or other responsible party in unmanaged condition, whose history leads to a suspicion that it can be hazardous

3.4

abandoned waste disposal site

waste disposal site (3.443) left by the owner or other responsible party in unmanaged condition

3.5

abiotic decomposition

decomposition (3.113) by physical and/or chemical processes (e.g. photolysis, *hydrolysis* (3.211), *oxidation* (3.305), and *reduction* (3.373))

3.6

abiotic degradation

degradation (3.116) by physical and/or chemical processes

3.7

above-ground sampling

process of taking *samples* (3.398) from material that has been deposited on the ground surface

EXAMPLE Samples are taken from a *stockpile* (3.496) (including *bulk volumes* (3.64) of *excavated soils* (3.154)), deposit of waste or embankment (see ISO 18400-104:2018).