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Soil quality - Guidance on the determination of background values (ISO 19258:2018)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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Soil quality - Guidance on the determination of background values (ISO 19258:2018)

Qualité du sol - Lignes directrices pour la détermination des valeurs de bruit de fond (ISO 19258:2018)

Bodenbeschaffenheit - Leitfaden zur Bestimmung von Hintergrundwerte (ISO 19258:2018)

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EN ISO 19258:2018 (E)

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European foreword

This document (EN ISO 19258:2018) has been prepared by Technical Committee ISO/TC 190 "Soil quality" in collaboration with Technical Committee CEN/TC 345 "Characterization of soils" 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of an identical text or by endorsement, at the latest by March 2019, and conflicting national standards shall be withdrawn at the latest by March 2019.

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.

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Endorsement notice

The text of ISO 19258:2018 has been approved by CEN as EN ISO 19258:2018 without any modification.

INTERNATIONAL STANDARD

ISO
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Second edition
2018-08

Soil quality — Guidance on the determination of background values

*Qualité du sol — Recommandations pour la détermination des
valeurs de fond*



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ISO 19258:2018(E)

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 documents 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 on 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 the following URL: www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 190, *Soil quality*, Subcommittee SC 7, *Impact assessment*.

This second edition cancels and replaces the first edition (ISO 19258:2005), which has been technically revised. The main changes compared to the previous edition are as follows:

- [Clauses 2](#) and [3](#), and subclauses [5.3](#), [5.4](#), [5.4](#) and [Annex B](#) (formerly Annex C) have been completely technically revised;
- 5.2.2 has been revised and the structure of its subclauses has been changed to [5.2.2.1](#), *Basic parameters*, [5.2.2.2](#), *Persistent compounds* (split up into [5.2.2.2.1](#), *Inorganic substances*, and [5.2.2.2.2](#), *Organic substances*), and [5.2.2.3](#) *Non persistent compounds* (added);
- text has been added to [5.2.5](#);
- “typological” has been replaced by “judgemental” throughout the document;
- “scale of sampling” has been deleted from [Annex A](#);
- the Bibliography has been updated.

Soil quality — Guidance on the determination of background values

1 Scope

This document gives guidelines for the principles and main methods for the determination of background values for inorganic and organic substances in soils at a local/regional scale. The site scale is excluded.

It gives guidelines for sampling and data processing strategies. It identifies methods for sampling and analysis.

This document does not apply to the determination of background values for groundwater and sediments.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 11074, *Soil quality — Vocabulary*

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