



SLOVENSKI STANDARD
SIST EN ISO 28258:2014/A1:2020

01-januar-2020

Kakovost tal - Digitalna izmenjava podatkov o tleh - Dopolnilo A1 (ISO 28258:2013/Amd 1:2019)

Soil quality - Digital exchange of soil-related data - Amendment 1 (ISO 28258:2013/Amd 1:2019)

Bodenbeschaffenheit - Digitaler Austausch bodenbezogener Daten - Änderung 1 (ISO 28258:2013/Amd 1:2019)

Qualité du sol - Échange numérique de données relatives au sol - Amendement 1 (ISO 28258:2013/Amd 1:2019)

ITeH STANDARD PREVIEW
(standards.iteh.ai)
<https://standards.iteh.ai/catalog/standards/sist/df8be58a-3c3b-43b9-a5da-333d782542d4/sist-en-iso-28258-2014-a1-2020>

Ta slovenski standard je istoveten z: EN ISO 28258:2013/A1:2019

ICS:

13.080.01	Kakovost tal in pedologija na splošno	Soil quality and pedology in general
35.240.70	Uporabniške rešitve IT v znanosti	IT applications in science

SIST EN ISO 28258:2014/A1:2020 **en,fr,de**

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 28258:2014/A1:2020

<https://standards.iteh.ai/catalog/standards/sist/d8be58a-3c3b-43b9-a5da-333d782542db/sist-en-iso-28258-2014-a1-2020>

EUROPEAN STANDARD

EN ISO 28258:2013/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2019

ICS 13.080.01

English Version

Soil quality - Digital exchange of soil-related data - Amendment 1 (ISO 28258:2013/Amd 1:2019)

Qualité du sol - Échange numérique de données
relatives au sol - Amendement 1 (ISO
28258:2013/Amd 1:2019)

Bodenbeschaffenheit - Digitaler Austausch
bodenbezogener Daten - Änderung 1 (ISO
28258:2013/Amd 1:2019)

This amendment A1 modifies the European Standard EN ISO 28258:2013; it was approved by CEN on 23 September 2019.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This amendment exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents	Page
European foreword.....	3

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 28258:2014/A1:2020
<https://standards.iteh.ai/catalog/standards/sist/df8be58a-3c3b-43b9-a5da-333d782542db/sist-en-iso-28258-2014-a1-2020>

European foreword

This document (EN ISO 28258:2013/A1:2019) 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 April 2020, and conflicting national standards shall be withdrawn at the latest by April 2020.

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.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

iTeh STANDARD PREVIEW

The text of ISO 28258:2013/Amd 1:2019 has been approved by CEN as EN ISO 28258:2013/A1:2019 without any modification.

[SIST EN ISO 28258:2014/A1:2020](https://standards.iteh.ai/catalog/standards/sist/df8be58a-3c3b-43b9-a5da-333d782542db/sist-en-iso-28258-2014-a1-2020)

<https://standards.iteh.ai/catalog/standards/sist/df8be58a-3c3b-43b9-a5da-333d782542db/sist-en-iso-28258-2014-a1-2020>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 28258:2014/A1:2020

<https://standards.iteh.ai/catalog/standards/sist/d8be58a-3c3b-43b9-a5da-333d782542db/sist-en-iso-28258-2014-a1-2020>

INTERNATIONAL
STANDARD

ISO
28258

First edition
2013-10-01
AMENDMENT 1
2019-09

**Soil quality — Digital exchange of soil-
related data**

AMENDMENT 1

Qualité du sol — Échange numérique de données relatives au sol
AMENDEMENT 1

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 28258:2014/A1:2020](https://standards.iteh.ai/catalog/standards/sist/df8be58a-3c3b-43b9-a5da-333d782542db/sist-en-iso-28258-2014-a1-2020)
<https://standards.iteh.ai/catalog/standards/sist/df8be58a-3c3b-43b9-a5da-333d782542db/sist-en-iso-28258-2014-a1-2020>



Reference number
ISO 28258:2013/Amd.1:2019(E)

iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN ISO 28258:2014/A1:2020

<https://standards.iteh.ai/catalog/standards/sist/df8be58a-3c3b-43b9-a5da-333d782542db/sist-en-iso-28258-2014-a1-2020>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2019

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

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).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

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*.

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.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 28258:2014/A1:2020

<https://standards.iteh.ai/catalog/standards/sist/df8be58a-3c3b-43b9-a5da-333d782542db/sist-en-iso-28258-2014-a1-2020>

Soil quality — Digital exchange of soil-related data

AMENDMENT 1

Introduction

Replace Figure 1 with the following one:

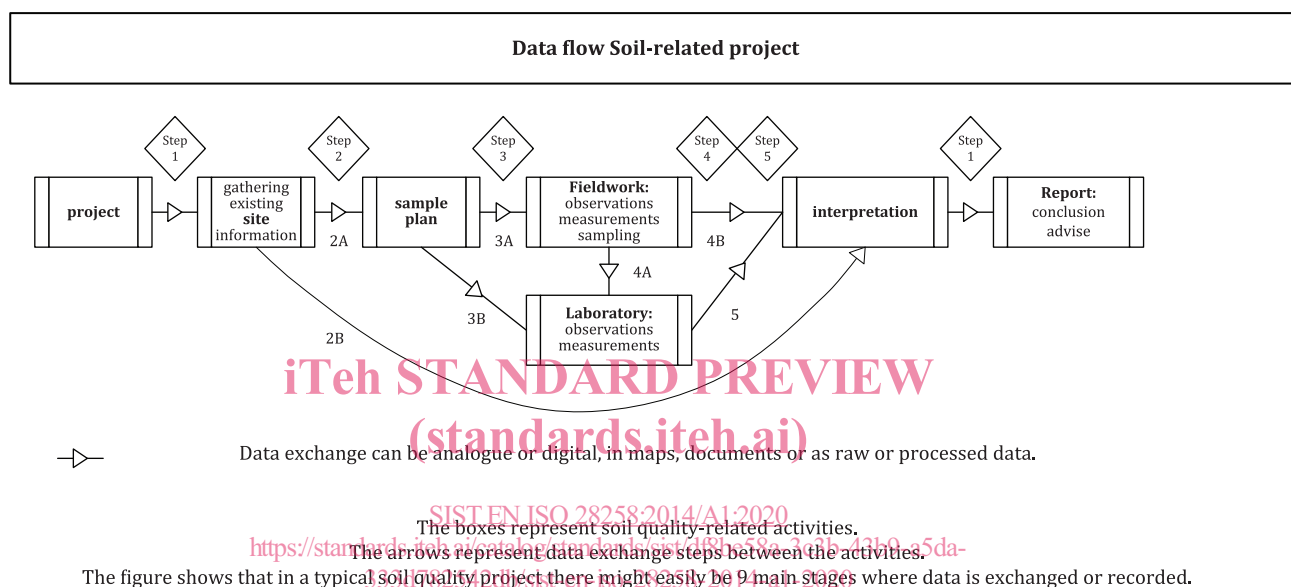


Figure 1 — Common data exchanges in soil quality

Clause 1

Add the following paragraph at the end of the second paragraph:

"(Meta-)Data about the quality of soil information can be included according to ISO 19157."

Clause 3

At the end of definition 3.1, add the following note:

"Note 2 to entry: ISO 19156:2011 uses the term specimen for what is called a sample in soil science."

In Note 1 of 3.20, replace the term "profile information" by "soil profile information" as follows:

"Note 1 to entry: All types of plots only provide locality, but not soil information itself. For example, a borehole is the location where you gather the information to abstract a soil profile information from."

In 3.33, replace the term "profile" by "soil profile" in the definition, as follows:

"excavation prepared to carry out soil profile descriptions, sampling, and/or field tests"

ISO 28258:2013/Amd.1:2019(E)

4.1

In the first paragraph, replace the term “soil quality data” by “soil-related data” as follows:

"This International Standard is specifically made for the exchange of soil-related data. It does not deal with the nevertheless very common use and exchange data from other disciplines, like geotechnics, geo-information, or groundwater investigation and management."

In the fourth paragraph, replace the term “soil quality data” by “soil-related data” as follows:

"If soil-related data defined according to this International Standard are combined with other kinds of data, the soil-related part shall be performed, using the XML namespace “ISO 28258”."

In the last paragraph but one, replace the term “soil quality data” by “soil-related data” and the term “soil quality information” by “soil-related information” as follows:

"Clause 5 provides the information model for the exchange of soil-related data used in this International Standard. All soil-related information shall (eventually) refer to a specific place (point, location, mapping unit) in or under the surface of the earth. For all geographical information, the ISO 19100 family of International Standards is used."

4.2

Replace the title “Requirements worked out” by “Provisions for flexible adaptation”.

Replace the first paragraph with the following:

"This International Standard requires that the exchange of soil-related data uses an information model based on ISO 19156. The general model of ISO 19156 is adapted to soil-related data; maintaining flexibility as regards the attribute parameters."

iTeh STANDARD PREVIEW
(standards.iteh.ai)
SIST EN ISO 28258:2014/A1:2020
<https://standards.iteh.ai/catalog/standards/sist/df8be58a-3c3b-43b9-a5da-333d782542db/sist-en-iso-28258-2014-a1-2020>