

<b>STN</b>	<b>Geografické informácie Referencovanie pomocou súradníc (ISO 19111: 2019/Amd 2: 2023) Zmena A2</b>	<b>STN EN ISO 19111/A2</b>  01 9329
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Geographic information - Referencing by coordinates (ISO 19111:2019)

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

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 01/24

Obsahuje: EN ISO 19111:2020/A2:2023, ISO 19111:2019/Amd 2:2023

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Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2024  
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v znení neskorších predpisov.

EUROPEAN STANDARD

**EN ISO 19111:2020/A2**

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2023

ICS 35.240.70

English Version

**Geographic information - Referencing by coordinates -  
Amendment 2 (ISO 19111:2019/Amd 2:2023)**Information géographique - Système de références par  
coordonnées - Amendement 2 (ISO 19111:2019/Amd  
2:2023)Geoinformation - Koordinatenreferenzsysteme -  
Änderung 2 (ISO 19111:2019/Amd 2:2023)

This amendment A2 modifies the European Standard EN ISO 19111:2020; it was approved by CEN on 12 June 2023.

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EUROPÄISCHES KOMITEE FÜR NORMUNG**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

**EN ISO 19111:2020/A2:2023 (E)**

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## **European foreword**

This document (EN ISO 19111:2020/A2:2023) has been prepared by Technical Committee ISO/TC 211 "Geographic information/Geomatics" in collaboration with Technical Committee CEN/TC 287 "Geographic Information" the secretariat of which is held by BSI.

This Amendment to the European Standard EN ISO 19111:2020 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by February 2024, and conflicting national standards shall be withdrawn at the latest by February 2024.

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 19111:2019/Amd 2:2023 has been approved by CEN as EN ISO 19111:2020/A2:2023 without any modification.

# INTERNATIONAL STANDARD

# ISO 19111

Third edition  
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**AMENDMENT 2**  
**2023-08**

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## Geographic information — Referencing by coordinates

### AMENDMENT 2

*Information géographique — Système de références par coordonnées*  
*AMENDEMENT 2*



Reference number  
ISO 19111:2019/Amd.2:2023(E)

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This document was prepared by Technical Committee ISO/TC 211, *Geographic information/Geomatics*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 287, *Geographic Information*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement), and in collaboration with the Open Geospatial Consortium (OGC).

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# Geographic information — Referencing by coordinates

## AMENDMENT 2

### 3.1.16

Move the EXAMPLE to be before Note 1 to entry. At the end of the EXAMPLE, remove right parenthesis after "...and G1762." The complete revised definition becomes:

#### 3.1.16

##### **datum ensemble**

group of multiple realizations of the same terrestrial or vertical reference system that, for approximate spatial referencing purposes, are not significantly different

EXAMPLE "WGS 84" as an undifferentiated group of realizations including WGS 84 (TRANSIT), WGS 84 (G730), WGS 84 (G873), WGS 84 (G1150), WGS 84 (G1674) and WGS 84 (G1762). At the surface of the Earth these have changed on average by 0.7 m between the TRANSIT and G730 realizations, a further 0.2 m between G730 and G873, 0.06 m between G873 and G1150, 0.2 m between G1150 and G1674 and 0.02 m between G1674 and G1762.

Note 1 to entry: Datasets referenced to the different realizations within a datum ensemble may be merged without coordinate transformation.

Note 2 to entry: 'Approximate' is for users to define but typically is in the order of under 1 decimetre but may be up to 2 metres.

### 3.1.31

Replace definition with:

#### 3.1.31

##### **geodetic coordinate reference system**

two- or three-dimensional coordinate reference system based on a geodetic reference frame and having either a three-dimensional Cartesian or an ellipsoidal or a spherical coordinate system

Note 1 to entry: In this document a coordinate reference system based on a geodetic reference frame and having an ellipsoidal coordinate system is geographic.

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**