



SLOVENSKI STANDARD
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Geografske informacije - Metodologija za objektne kataloge - Dopolnilo 1 (ISO 19110:2005/DAM 1:2009)

Geographic information - Methodology for feature cataloguing - Amendment 1 (ISO 19110:2005/DAM 1:2009)

Geoinformation - Objektartenkataloge - Änderung 1 (ISO 19110:2005/DAM 1:2009)

Information géographique - Méthodologie de catalogage des entités - Amendement 1 (ISO 19110:2005/DAM 1:2009)

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Geographic information - Methodology for feature cataloguing - Amendment 1 (ISO 19110:2005/DAM 1:2009)

Information géographique - Méthodologie de catalogage
des entités - Amendement 1 (ISO 19110:2005/DAM
1:2009)

Geoinformation - Objektartenkataloge - Änderung 1 (ISO
19110:2005/DAM 1:2009)

This draft amendment is submitted to CEN members for parallel enquiry. It has been drawn up by the Technical Committee CEN/TC 287.

This draft amendment A1, if approved, will modify the European Standard EN ISO 19110:2006. If this draft becomes an amendment, 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.

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COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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EN ISO 19110:2006/prA1:2009 (E)

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Foreword

This document (EN ISO 19110:2006/prA1:2009) 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 NEN.

This document is currently submitted to the parallel Enquiry.

Endorsement notice

The text of ISO 19110:2005/DAM 1:2009 has been approved by CEN as a EN ISO 19110:2006/prA1:2009 without any modification.



DRAFT AMENDMENT ISO 19110:2005/DAmD 1

ISO/TC 211

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Geographic information — Methodology for feature cataloguing

AMENDMENT 1

Information géographique — Méthodologie de catalogage des entités

AMENDEMENT 1

ICS 35.240.70

ISO/CEN PARALLEL PROCESSING

This draft has been developed within the International Organization for Standardization (ISO), and processed under the **ISO-lead** mode of collaboration as defined in the Vienna Agreement.

This draft is hereby submitted to the ISO member bodies and to the CEN member bodies for a parallel five-month enquiry.

Should this draft be accepted, a final draft, established on the basis of comments received, will be submitted to a parallel two-month approval vote in ISO and formal vote in CEN.

In accordance with the provisions of Council Resolution 15/1993 this document is circulated in the English language only.

Conformément aux dispositions de la Résolution du Conseil 15/1993, ce document est distribué en version anglaise seulement.

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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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.

Amendment 1 to ISO 19110:2005 was prepared by Technical Committee ISO/TC 211, *Geographic information/Geomatics*.

ISO 19110:2005/FDAM 1:2009(E)**Introduction**

This project amends ISO 19110:2005 based on experience implementing the standard, experience and lessons learned by the ISO 19126 project team, harmonization with other ISO/TC 211 standards and in particular to establish an XML schema encoding for feature catalogues. This addition will provide Extensible Mark-up Language (XML) schemas that are meant to enhance interoperability by providing a common specification for describing, validating and exchanging feature catalogue information.

Geographic information — Methodology for feature cataloguing — Amendment 1

1 Scope

This document describes additions and minor changes to ISO 19110:2005. These changes aim at:

- Facilitating the use of the ISO 19110 standard to create geographic feature catalogues.
- Ensuring a consistent description of the feature types of an application schema;
- Enhancing the compliance of ISO 19110 with ISO 19109;
- Enabling an XML Schema implementation of ISO 19110 compliant Feature Catalogues. This XML Schema Implementation is based on ISO/TS 19139 encoding rules.
- Enabling the registration of feature catalogues and their feature types.

2 List of changes

2.1 Revised Scope

Clause 1 of ISO 19110:2005 is revised as follows:

This International Standard defines the methodology for cataloguing feature types. This International Standard specifies how feature types can be organized into a feature catalogue and presented to the users of a set of geographic data. This International Standard is applicable to creating catalogues of feature types in previously uncatalogued domains and to revising existing feature catalogues to comply with standard practice. This International Standard applies to the cataloguing of feature types that are represented in digital form. Its principles can be extended to the cataloguing of other forms of geographic data. Feature catalogues are independent of feature concept dictionaries defined in ISO 19126 and can be specified without having to use or create a Feature Concept Dictionary.

This International Standard is applicable to the definition of geographic features at the type level. This

International Standard is not applicable to the representation of individual instances of each type. This International Standard excludes portrayal schemas as specified in ISO 19117.

This International Standard may be used as a basis for defining the universe of discourse being modelled in a particular application, or to standardize general aspects of real world features being modelled in more than one application.