

Geographic information — Vocabulary

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National foreword

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Summary of pages

This document comprises a front cover, an inside front cover, the CR title page, pages 2 to 19 and a back cover.

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Foreword

This document has been prepared by CEN /TC 287, "Geographic Information".

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this document : Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United-Kingdom.

Introduction

The Geographic Information vocabulary is the terminological reference within CEN/TC 287. It provides the collection of terms that are defined and used in the other standards of CEN/TC 287.

Clause 3 of this CEN Report is the collection of terms and definitions defined in the Geographic Information European Prestandards and reports.

1 Scope

The CEN Report is applicable to Geographic Information European prestandards and reports.

2 References

This CEN Report incorporates by dated or undated reference, provisions from other publications. These references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this CEN Report only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

ENV 12009:1997, *Geographic Information – Reference Model*.

ENV 12160:1997, *Geographic Information – Data description – Spatial schema*.

ENV 12656:1998, *Geographic Information – Data description – Quality*.

ENV 12657:1998, *Geographic Information – Data description – Metadata*.

ENV 12658:1998, *Geographic Information – Data description – Transfer*.

ENV 12661:1998, *Geographic Information – Referencing – Geographic identifiers*.

ENV 12762:1998, *Geographic Information – Referencing – Direct position*.

ENV 13376:1998, *Geographic Information – Data description - Rules for application schema*.

CR 12660:1998, *Geographic Information – Processing – Query and Update : spatial aspects*.

CR 287005:1996, *Geographic Information - Data description – Conceptual schema language*.

3 Geographic information terms and definitions

3.1

abstraction effect

distortion of quality information because of imperfect and fuzzy specification

NOTE Assessment of quality elements relies on a precise dataset specification. Because a specification is never perfect, it can be interpreted during assessment and this interpretation will be reported with the abstraction effect.

[ENV 12656]

3.2

accuracy

closeness of agreement between a test result and the accepted reference value

[ENV 12656]

3.3

aggregated attribute

collection of attributes treated as a unit

[ENV 12658]