DIN EN ISO 19146:2011-02 (E)

Geographic information - Cross-domain vocabularies (ISO 19146:2010)

Contents

Page

Foreword 3

Introduction 4

1 Scope 5

2 Conformance 5

3 Normative references 5

4 Terms and definitions 6

5 Symbols and abbreviated terms 10

6 Semantic interoperability of geographic information 10
6.1 Introduction 10
6.2 Principles for cross-mapping of vocabularies 11

7 Approach 12
7.1 Concepts, definitions and terms 12
7.2 Concept systems 13
7.3 Domains, uniqueness and cross-mapping 14

8 Vocabulary cross-mapping 15
8.1 Introduction 15
8.2 Governance 16
8.3 Reference vocabulary 16
8.4 Cross-mapping process 17
8.5 Documentation and publication 18

9 Vocabulary register 19
9.1 Overview 19
9.2 Register management 19
9.3 Register schema 20

Annex A (normative) Abstract test suite 29

Annex B (informative) Cross-mapping examples 31

Bibliography 35