ISO 19144-1:2009-08 (E)

Geographic information - Classification systems - Part 1: Classification system structure

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Conformance 1
2.1 Classes 1
2.2 Conformance of a classification system 1
2.3 Conformance of a register of classifiers 1
2.4 Representation of classification results 1

3 Normative references 1

4 Terms, definitions and abbreviated terms 2
4.1 Terms and definitions 2
4.2 Abbreviated terms 4

5 Classification systems 5
5.1 Concept 5
5.2 Classification and legend 7
5.3 Hierarchical versus non-hierarchical systems 8
5.4 A priori and a posteriori classification systems 8
5.5 Structure of classified data 9
5.6 A classification data set 13

6 Management of classifiers 14
6.1 General 14
6.2 Concept dictionary register for a classification scheme 15
6.3 Management of classifiers through registration 15
6.4 Register structure 15

Annex A (normative) Abstract test suite 24

Annex B (informative) A priori and a posteriori classification systems 26

Bibliography 30