

BUREAU OF INDIAN STANDARDS
DRAFT FOR COMMENTS ONLY

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Draft Indian Standard

Geographic information — Reference model — Part 1: Fundamentals

मसौदा भारतीय मानक

भौगोलिक जानकारी - भूगोल मार्कअप लैंग्वेज (जीएमएल) - भाग 1: बुनियादी बातें

ICS: 35.240.70

NATIONAL FOREWORD

(Formal clauses will be added later)

This draft Indian Standard which is identical with ISO 19101-1:2014 ‘Geographic information — Reference model — Part 1: Fundamentals’ issued by ISO *may be* adopted by the Bureau of Indian Standards on the recommendation of the Geospatial Information Sectional Committee LITD 22 and the approval of the Electronics and IT Division Council.

This standard consists of two parts. The other part is:
Part 2 Imagery.

The text of ISO Standard *may be* approved as suitable for publication as an Indian Standard without deviations. Certain conventions are however not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’.
- b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS 2:2022 ‘Rules for rounding off numerical values (Second Revision)’. The number of significant places retained in the rounded off value should be same as that of the specified value in this standard.

Scope of ISO 19101-1:2014 is as follows:

This part of ISO 19101 defines the reference model for standardization in the field of geographic information. This reference model describes the notion of interoperability and sets forth the fundamentals by which this standardization takes place.

Although structured in the context of information technology and information technology standards, this part of ISO 19101 is independent of any application development method or technology implementation approach.

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