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**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

LY/T 1662.10-2008

Standard for digital forestry. Part 10: Standard for metadata

数字林业标准与规范 第10部分：元数据标准

(English Translation)

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Foreword

LY/T 1662 "Digital Forestry Standards and Specifications" is divided into 11 parts.

- Part 1. Non-spatial data standards for forest resources;
- Part 2. Forestry Digital Vector Basic Geographic Data Standards;
- Part 3. Satellite remote sensing image data standards;
- Part 4. Forestry social and economic data standards;
- Part 5. Data standards for forestry policies and regulations;
- Part 6. Data standards for forestry literature;
- Part 7. Database building standards;
- Part 8. Database software specifications;
- Part 9. Database Management Specifications;
- Part 10. Metadata standards;
- Part 11. Data standard for returning farmland to forests.

This part is the 10th part of LY/T 1662.

This section refers to ISO 19115:2003 "Geographic Information Metadata" and the Federal Geographic Data Committee's FGDC-STD-001-1998 "Geographic Data Standards for Geospatial Data".

This part is proposed by the Institute of Resource Information of the Chinese Academy of Forestry.

This part is under the jurisdiction of the Chinese Academy of Forestry.

This section drafted by. Institute of Resource Information, Chinese Academy of Forestry.

1 Scope

This part of LY/T 1662 defines the information needed to describe data sets and provide information services in digital forestry.

Identification, quality, spatial representation, spatial reference, content, data distribution, metadata reference, and references, time, and contact information.

This section applies to the description of data sets and information exchange network services in digital forestry.

The metadata in this section is divided into two levels, namely core metadata and detailed metadata. Core metadata defines the most critical of the data set information. On the basis of core metadata, fully consider the characteristics of various types of data in digital forestry and establish the need to meet the needs of digital forestry construction Detailed metadata. The user can select the metadata content according to the specific needs and the actual situation of the data, and establish the corresponding level of the number of elements.

According to the library.

2 Terms and definitions

The following terms and definitions apply to this section.

A collection of data that can be identified. The data set can be either a database or a (logical component) part of the database.

Data about data, used to describe the content, coverage, quality, management style, owner of the data, and how the data is provided and other relevant information.

The basic unit of metadata.

A collection of metadata elements that describe the same characteristics of the data. A metadata entity can be a single entity or it can include one or more the aggregate entity of the entity.

A collection of related metadata entities and elements.

A general term for a plane coordinate system and a vertical coordinate system that determine the location of a geographic target space.

3.1 Metadata organization

Metadata is organized in a hierarchical structure, including data elements and composite elements (subsets, entities). Elements are the most basic information about metadata Unit, an information unit including element name, English abbreviation, definition, constraint/condition, maximum occurrence number, data type, and domain. Composite

element