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

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Terminology of forestry information

林业信息术语

(English Translation)

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

The scope and principles of this standard are.

- a) The scope of the word selection is based on terms that cover the main content of forestry informatization;
- b) include only frame words, keywords and ambiguous words in forestry informatization, and other general terms as informative appendices (Appendix A) income;
- c) low-level or obsolete terminology of information technology is not included;
- d) The different meanings of the same term in different fields of use are listed separately.

In principle, this term is given only one English corresponding word. If there are several English corresponding words, only two are listed, and they are authoritative.

The work is subject to.

For the terminology of the same meaning but with different customary names, this standard adds "synonym. xxxx" after the interpretation.

This standard was proposed by the Information Management Office of the State Forestry Administration.

This standard is under the jurisdiction of the National Forestry Information Data Standardization Technical Committee.

This standard is mainly drafted by. State Forestry Administration Survey Planning and Design Institute, Beijing Forestry University.

1 Scope

This standard specifies the terms and definitions of the main content of forestry informatization.

This standard applies to forestry information infrastructure, forestry information resources, application support, application systems, and information security and integrated management.

Uniform standards in other areas.

2.1 General terms

2.1.1

Information the expression of an object, such as a fact, an event, a process of things, or an idea, including a concept, is the way in which things exist or the state of motion, and this A direct or indirect representation of a mode or state.

2.1.2

Forestry information A collection of forestry and related phenomena, states, and their attribute identifiers.

2.1.3

Forestry informationization forestryinformatization Comprehensively develop and apply modern information technology in the forestry field, so that it penetrates into all aspects of forestry production, management,, decision-making, etc.

Provide a comprehensive management and service process to all levels of forestry and society.

2.1.4

Forestry information platform A technical system for implementing forestry informationization based on information technology, which includes a complete process from information acquisition and processing to application.

Architecture.

2.1.5

Digital forestry Use modern information technology and digital means to reproduce the real forestry situation and promote the scientific management of forestry. It has two meanings.

The first is the digitization of forestry information; the second is the storage, processing, transmission and application of these digital information.

2.1.6

3S Technology 3Stechnology Remote sensing RS (Remote Sensing), Geographic Information System (GIS) (Geographical Information System) and Global Positioning System A technology that combines GPS (GlobalPositioningSystem) is the last word in the three technical terms.

Collectively.

2.1.7

Forestry remote sensing Using optical, electronic and electro-optical remote sensing instruments to receive electromagnetic wave information reflected or radiated from objects at high altitude or long distance, it is processed into identifiable images or computer data for observation of forest resources, wetlands, desertification, biodiversity, etc.

Industry resource information, and comprehensive analysis and analysis of this information, applied to various fields of forestry production to improve the level of forestry management.