Chinese medicine distribution

Data Documentation

I. Dataset content features

i. Abstract

The datasets are Chinese medicine distribution, which mainly Including Mainly includes three major categories of herbs.Among them are phytochemicals, such as Angelica and Codonopsis;In the classification of animal medicines, there are oyster sauce, pangolins, quail, etc;There are gypsum, cinnabar, realgar, etc. in the classification of mineral medicine.There are a total of more than 100 medicinal herbs.They are collected and organized by Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences.The data can be used in the fields of geography science, environmental science, ecology, socio-economics, and population. Scientific research and education departments and central and local government decision-making departments provide data support.

ii. Elements (content fields)

The datasets are named as "Chinese medicine distribution", which includemore than 100 data types. There are mainly 3 data name and they are described as table 1.

Table 1 Description of data element content

Data name	Item (field)	Field name in Chinese	Field measure unit	Field code description	Remarks
Chinese Medicine distribution	Plant medicine classification	植物药材分类			
Chinese Medicine distribution	Animal medicine classification	动物药材分类			
Chinese Medicine distribution	Mineral medicine	矿物药材			

iii. Temporal cover

iv. Spatial cover

The covered area of the dataset includes total The china region.

II. Subject/industry scope of dataset/atlas

i. Subject scope

Pharmacology,Earth science,environmental sciences,regional sustainable development,geography.

ii. Industry scope

Urban and rural development services, rural construction and planning.

iii. Other classifications (optional)

III. Accuracy of dataset/atlas
i. Time frequency
Yearly

ii. Spatial reference, accuracy, and granularity
The data does not define a spatial reference.

IV. Dataset/atlas storage management
i. Data quantity
The volume of the dataset is 153KB.

ii. Type format
The dataset is stored in hard disk with a format of ArcGIS.

iii. Update management
Unscheduled update.

V. Quality control of the dataset/atlas
i. Data sources (condition selection)
Remote sensing imagery and Statistical data

ii. Methods of the data acquisition and processing (condition selection)
Through the acquired remote sensing images of the country and field surveys of medicinal materials, the medicinal materials are imported into remote sensing images. The software required is ArcGIS, ENVI, and finally vector illustrations of medicinal materials.

VI. Sharing and usage method of the dataset/atlas
i. Sharing methods and restrictions
Full and open sharing.

ii. Contact information of the sharing service (condition selection)
Online link address:

Contact Information for Service：

Name: Yuan Yuelei

Address：11A, Datun Road, Chaoyang District, Beijing, 100101, China, Institute of Geographic Sciences and Natural Resources Research, CAS.

Zip Code：100101

E-mail: wdc-rre@lreis.ac.cn

iii. Conditions and methods of usage
The dataset can be read by ArcGIS software.

VII. Intellectual property rights of the dataset/atlas
i. Property rights (optional)
Intellectual property of the dataset belonged to Institute of Geographic Sciences and Natural Resources Research, CAS.

ii. Reference method of the dataset/atlas
Chinese medicinal material distribution data set,Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences [Establishment organization],2005.World Data Center for Renewable Resources and Environment [Communication agency], 2017-3-4.

iii. Usage contacts of the datasets/atlas
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VIII.   Others (optional)

In addition to the above, other information must also be explained.

Data documentation author information			
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