

**Asian elephant distribution history map****Data Documentation****I. Dataset content features****i. Abstract**

The datasets are Asian elephant distribution history map, which mainly record History of Asian elephants, including Tang Dynasty, Song Dynasty, Yuan Dynasty, Qing Dynasty. They are collected and organized by Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences. They can be used to study the northern boundary of the distribution of wild Asian elephants in China., and government decision-making.

**ii. Elements (content fields)**

The datasets are named as “Asian elephant distribution history map”, which include 3 data files. There are mainly 2 data name for different years 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
Asian elephants distribute in the northern boundary	period	时间段	Years		
Asian elephants distribute in the northern boundary	Activity range	活动范围	Square kilometers		

**iii. Temporal cover****iv. Spatial cover**

The datasets cover all of China.

**II. Subject/industry scope of dataset/atlas****i. Subject scope**

Geography.

**ii. Industry scope**

Animal activity monitoring

**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 coordinate system.

**IV. Dataset/atlas storage management****i. Data quantity**

The volume of the dataset is 1.22 MB.

**ii. Type format**

The dataset is stored in hard disk with formats of .shp.

**iii. Update management**

Unscheduled update.

**V. Quality control of the dataset/atlas**

**i. Data sources (condition selection)**

Remote sensing imagery and Historical statistics data

**ii. Methods of the data acquisition and processing (condition selection)**

For the national remote sensing image data obtained, after preprocessing, the country-wide vector data is obtained. Through the historical statistics data, the vector data of the country is edited and processed, and the historical distribution map of Asian elephants is obtained.

**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**

Asian elephant distribution history map, Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences [Establishment organization], 2006. 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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