**Cold damage and snow damage data of 1952-2018 in Beijing**

**Data Documentation**

I. Dataset/atlas content features
   i. Abstract
   The main contents of the cold damage and snow damage in Beijing are the cold damage and snow damage since 1952, including the date of the cold damage and snow damage in the city of Beijing, the snowfall, the snow depth, the glaze duration, temperature, instantaneous wind speed, etc.

   ii. Elements (content fields)

   Table 1 Description of data element content

<table>
<thead>
<tr>
<th>Data name</th>
<th>Item (field)</th>
<th>Field name in Chinese</th>
<th>Field measure unit</th>
<th>Field code description</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cold Damage and Snow Damage in Beijing</td>
<td>date</td>
<td>Shijian</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cold Damage and Snow Damage in Beijing</td>
<td>snowfall</td>
<td>Xueliang</td>
<td>mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cold Damage and Snow Damage in Beijing</td>
<td>snow depth</td>
<td>Jixueshendu</td>
<td>cm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cold Damage and Snow Damage in Beijing</td>
<td>glaze duration</td>
<td>Yusong,lumi-anjingchixushijian</td>
<td>h. min</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cold Damage and Snow Damage in Beijing</td>
<td>temperature</td>
<td>Wendu</td>
<td>°C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cold Damage and Snow Damage in Beijing</td>
<td>instantaneous wind speed</td>
<td>Shunshijidafeningsu</td>
<td>m/s</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

   iii. Temporal cover
   The time of this dataset is 1952.12.18-2018.1.25

   iv. Spatial cover
   Beijing urban area.

II. Subject/industry scope of dataset/atlas
   i. Subject scope
II. Industry scope
F Transportation, Warehousing and Postal Services, 51 Railway Transportation Industry 52 Road Transportation Industry 53 City Public Transportation Industry 54 Water Transportation Industry 55 Air Transportation Industry
M Scientific Research, Technical Services and Geological Prospecting Industry, 7610 Meteorological Services 7673 Planning Management

III. Accuracy of dataset/atlas
i. Time frequency
(Time frequency is the representation content of datasets/atlas’ time frequency, such as multi-year average, average, monthly, daily, yearly, month by month, day or hour.)

ii. Spatial reference, accuracy, and granularity
(This part is the spatial reference, accuracy, and granularity of datasets/atlas. The spatial reference includes coordinate system, projection mode, elevation system, etc. Spatial accuracy means the vector data scale or raster data resolution, etc. Spatial granularity is in accordance with the continent, the state, province, county, and other divisions.)

IV. Dataset/atlas storage management
i. Data quantity
0.0161MB

ii. Type format
The dataset is stored in the hard disk and it is table data

iii. Update management
Dataset update plan: Aperiodic updating.

V. Quality control of the dataset/atlas
i. Production mode
Data of cold damage and snow damage disaster in Beijing in (2016-Now) was obtained based on Beijing Meteorological Service http://www.bjmb.gov.cn/
National Meteorological Information Center http://data.cma.cn/
China Meteorological Calamity Code (Beijing volume)
China Meteorological Disaster Yearbook(2005-2016)and electronic, digital, integrated conversion, standardized processing, computational simulation.

ii. Data sources (condition selection)
Source of data source: Beijing Meteorological Service [http://www.bjmb.gov.cn/]
National Meteorological Information Center [http://data.cma.cn/]

iii. Methods of the data acquisition and processing (condition selection)
Acquisition method: Book sorting on the net and field survey.
Processing method: Data registration and Object-oriented classification method.

VI. Sharing and usage method of the dataset/atlas
i. Sharing methods and restrictions
Fully opened sharing

ii. Contact information of the sharing service (condition selection)
Contact Information for Service: No. 46, Zhongguancun South Street, Haidian District, Beijing

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

VII. Intellectual property rights of the dataset/atlas
i. Property rights (optional)
Dataset ownership information: Institute of Geographic Sciences and Natural Resources Research, CAS
ii. Reference method of the dataset/atlas

*Cold damage and snow damage in Beijing* Dataset/Institute of Geographic Sciences and Natural Resources Research, CAS

iii. Usage contacts of the datasets/atlas

Name: Service group of Disaster Risk Reduction Knowledge Service System of IKCEST
Address: A11 Datun Road, Chaoyang District, Beijing.
Postcode: 100101
Telephone: 010-64889048-8006
Email: ikcest-drr@lreis.ac.cn

VIII. Others (optional)

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

<table>
<thead>
<tr>
<th>Data documentation author information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data documentation author</td>
</tr>
<tr>
<td>Organization</td>
</tr>
<tr>
<td>Contact information</td>
</tr>
<tr>
<td>Address</td>
</tr>
<tr>
<td>Postcode</td>
</tr>
<tr>
<td>Telephone</td>
</tr>
<tr>
<td>E-mail</td>
</tr>
</tbody>
</table>