时空三极环境大数据平台

**基于《环北极地区多年冻土和地下冰状态图》的中国及其周边地区冻土分布图（2001）**

英文标题：Permafrost map of China and its neighbors based on Circum-Arctic Map of Permafrost and Ground Ice Conditions (2001)

1、摘要

字段说明：
Num\_code（冻土属性编码）
Combo（冻土属性）
extent（冻土范围）
content（含冰量）

属性对照如下：
（1）冻土属性对照表：
0 （No information ）
1 - chf （Continuous permafrost extent with high ground ice content and thick overburden）
2 - dhf （Discontinuous permafrost extent with high ground ice content and thick overburden）
3 - shf （Sporadic permafrost extent with high ground ice content and thick overburden）
4 - ihf （Isolated patches of permafrost extent with high ground ice content and thick overburden ）
5 - cmf （Continuous permafrost extent with medium ground ice content and thick overburden ）
6 - dmf （Discontinuous permafrost extent with medium ground ice content and thick overburden ）
7 - smf （Sporadic permafrost extent with medium ground ice content and thick overburden ）
8 - imf （Isolated patches of permafrost extent with medium ground ice content and thick overburden）
9 - clf （Continuous permafrost extent with low ground ice content and thick overburden ）
10 - dlf （Discontinuous permafrost extent with low ground ice content and thick overburden ）
11 - slf （Sporadic permafrost extent with low ground ice content and thick overburden ）
12 - ilf （Isolated patches of permafrost extent with low ground ice content and thick overburden）
13 - chr （Continuous permafrost extent with high ground ice content and thin overburden and exposed bedrock ）
14 - dhr （Discontinuous permafrost extent with high ground ice content and thin overburden and exposed bedrock ）
15 - shr （Sporadic permafrost extent with high ground ice content and thin overburden and exposed bedrock ）
16 - ihr （Isolated patches of permafrost extent with high ground ice content and thin overburden and exposed bedrock）
17 - clr （Continuous permafrost extent with low ground ice content and thin overburden and exposed bedrock ）
18 - dlr （Discontinuous permafrost extent with low ground ice content and thin overburden and exposed bedrock ）
19 - slr （Sporadic permafrost extent with low ground ice content and thin overburden and exposed bedrock）
20 - ilr （Isolated patches of permafrost extent with low ground ice content and thin overburden and exposed bedrock ）
21 - g （Glaciers）
22 - r （Relict permafrost）
23 - l （Inland lakes ）
24 - o （Ocean/inland seas ）
25 - ld （Land）

（2）冻土范围对照表
c = continuous (90-100%)
d = discontinuous (50- 90%)
s = sporadic (10- 50%)
i = isolated patches ( 0 - 10%)

（3）含冰量对照表
h = high (>20% for "f" landform codes) (>10% for "r" landform codes)
m = medium (10-20%)
l = low (0-10%)

2、关键词

主题关键词：冻土分布,冻土
学科关键词：冰冻圈
地点关键词：中国, 中国周边地区
时间关键词：2001

3、数据细节

1.比例尺：None

2.投影：None

3.文件大小：1.7MB

4.数据格式：Esri Shapefile

4、空间范围

|  |  |  |
| --- | --- | --- |
| - | 北：60.0 | - |
| 西：60.0 | - | 东：140.0 |
| - | 南：10.0 | - |

5、时间范围2001-01-10 08:00:00+00:00--2002-01-09 19:59:59+00:00

6、引用方式

数据的引用:

National Snow and Ice Data Center（NSIDC）, 吴立宗. 基于《环北极地区多年冻土和地下冰状态图》的中国及其周边地区冻土分布图（2001）. 时空三极环境大数据平台, 2013.[WU Lizong, National Snow and Ice Data Center（NSIDC）. Permafrost map of China and its neighbors based on Circum-Arctic Map of Permafrost and Ground Ice Conditions (2001). A Big Earth Data Platform for Three Poles, 2013]

文章的引用:

Brown, J., O.J. Ferrians, Jr., J.A. Heginbottom, and E.S. Melnikov. 1998, revised February 2001. Circum-arctic map of permafrost and ground ice conditions. Boulder, CO: National Snow and Ice Data Center. Digital media.

7、资助项目信息

8、数据资源提供者

姓名: National Snow and Ice Data Center（NSIDC）
单位: National Snow and Ice Data Center
电子邮件: braup@nsidc.org

姓名: 吴立宗
单位: 中国科学院寒区旱区环境与工程研究所
电子邮件: wulizong@lzb.ac.cn