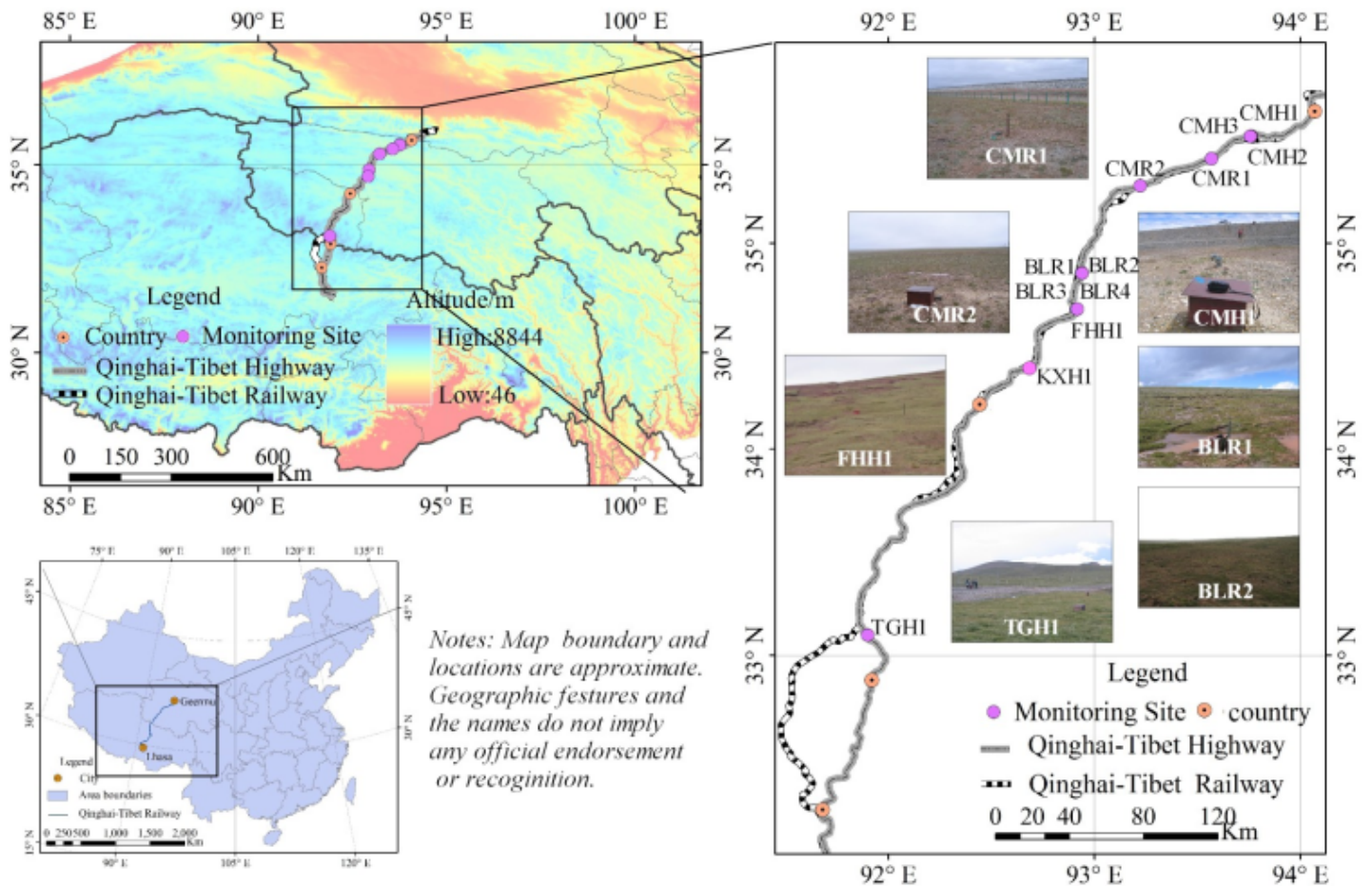




# Cold and Arid Regions Science Data Center

## Permafrost table and temperature along the Qinghai-Tibet Highway and Railway

UUID: 55c37015-b342-49fd-894d-3cb37775d865



# Permafrost table and temperature along the Qinghai-Tibet Highway and Railway

## Abstract

The dataset is permafrost table and permafrost temperature under natural surface and embankment in alpine meadow and steppe along Qinghai-Tibet Highway and Railway. We show a detailed information of these sites, including location, ecosystem and vegetation, mean active layer thickness, mean annual ground temperature, and frozen soil types.

## Keywords

Theme: active layer thickness, Permafrost temperature,  
Place: Qinghai-Tibet Highway, Qinghai-Tibet Railway,  
Temporal: 1995-2014, 2014,  
Discipline: Permafrost,  
Statrum:

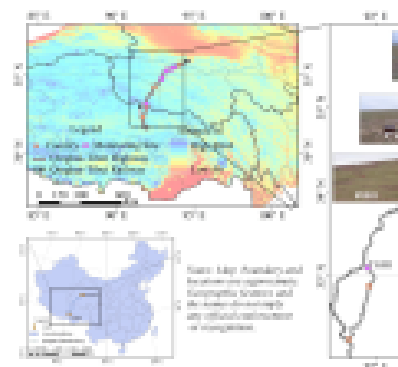
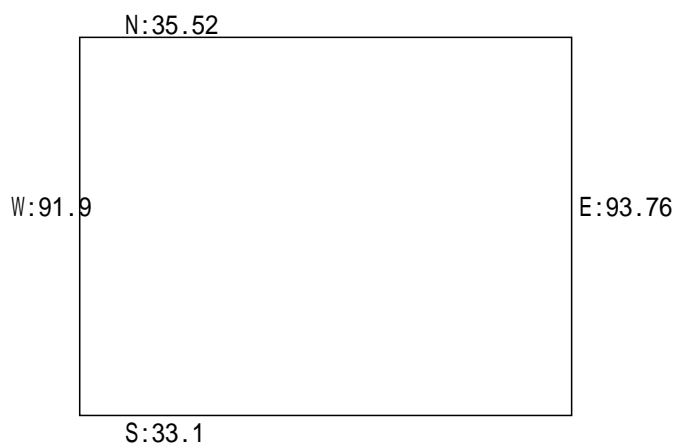
## ISO 19115 Category

Category: environment

## Detail

Scale: 1  
Project: 1  
Data Volume(MB): 1.1  
Data Format: text

## Position and Thumbnail



## Temporal Range

Start: 1995-01-01  
End: 2014-09-22

## Citation

文章引用: Wu Q., Zhang Z., Gao S. and Ma W. Thermal impacts of engineering activities and vegetation layer on permafrost in different alpine ecosystems of the Qinghai-Tibet Plateau, China. *The Cryosphere*, 10,1-11, 2016.

数据的引用: . Permafrost table and temperature along the Qinghai-Tibet Highway and Railway. , 2016. doi:10.3972/card.003.2016 [Wu Qingbai,Zhang Zhongqiong,Ma Wei. . Cold and Arid Regions Science Data Center at Lanzhou, 2016. doi:10.3972/card.003.2016]

## Recommended Publications

## DOI

10.3972/card.003.2016

## Funding

This study was supported by the National Natural Science Foundation of China (Grant 41330634), the National Key Scientific Research Project (Grant 2011CB026106), and STS Project of Chinese Academy of Science (HHS-TSS-ST5-1502).

## Limitation

1. The dataset is generated from observation of permafrost temperature along Qinghai-Tibet Highway and Railway. User must have a clear statement in the article of the original data source and cite the dataset and papers in the Citation section.

## Online Resources

1. <ftp://ftp2.westgis.ac.cn>
2. <http://card.westgis.ac.cn>

## Contacts

### 1. Author

Wu Qingbai Organization: Cold and Arid Regions Environmental and Engineering Research Institute, Chinese Academy of Science

Address: China Lanzhou Donggang West Road No.320

Zip code: 730000 Phone: 0931-4967284 Email: [qbwu@lzb.ac.cn](mailto:qbwu@lzb.ac.cn)

### 2. Author

Zhang Zhongqiong Organization: Cold and Arid Regions Environmental and Engineering Research Institute, Chinese Academy of Science

Address: China Lanzhou Donggang West Road No. 320

Zip code: 730000 Phone: Email:

### 3. Author

Ma Wei Organization: Cold and Arid Regions Environmental and Engineering Research Institute, Chinese Academy of Science

Address: China Lanzhou Donggang West Road No. 320

Zip code: 730000 Phone: Email:

### 4. Distributor

Cold and Arid Regions Science Data Center at Lanzhou (CARD) Organization: Cold and Arid Regions Environmental and Engineering Research Institute, Chinese Academy of Sciences

Address: China Lanzhou No. 320 Donggang West Road

Zip code: 730000 Phone: 0931-4967287 Email: [westdc@lzb.ac.cn](mailto:westdc@lzb.ac.cn)

### 5. Point of Contact

Wu Qingbai Organization: Cold and Arid Regions Environmental and Engineering Research Institute, Chinese Academy of Science

Address: China Lanzhou Donggang West Road No.320

Zip code: 730000 Phone: 0931-4967284 Email: [qbwu@lzb.ac.cn](mailto:qbwu@lzb.ac.cn)

### 6. Resource Provider

Wu Qingbai Organization: Cold and Arid Regions Environmental and Engineering Research Institute, Chinese Academy of Science

Address: China Lanzhou Donggang West Road No.320

Zip code: 730000 Phone: 0931-4967284 Email: [qbwu@lzb.ac.cn](mailto:qbwu@lzb.ac.cn)