Upper Yangtze River Scientific Data Center

**90m Tan DEM-X Elevation Data Set in Southwest China**

1、Description

TanDEM-X 90m DEM is the global digital elevation model (DEM) data obtained by the German TanDEM-X mission from 2010 to 2015. The data collection was completed in 2015, and the global DEM production was completed in September 2016. Its scope covers all the land between the north and south poles, with high accuracy and absolute elevation error of about 1m. It is widely used in earth science (geology, glaciology, oceanography, meteorology, hydrology), environmental research, land use, vegetation monitoring, urban and infrastructure planning, mapping, navigation, logistics, crisis management, national defense and security, etc.

2、Keywords

Theme：Topography,Altitude  
Discipline：Terrestrial Surface  
Places：the Southwest of China  
Time：2016

3、Data details

1.Scale：None

2.Projection：WGS84

3.Filesize：1228.8MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：34.5 | - |
| west：97.0 | - | east：112.5 |
| - | south：20.5 | - |

5、Time frame:None--None

6、Reference method

References to data:

CENTER German Aerospace . 90m Tan DEM-X Elevation Data Set in Southwest China. Upper Yangtze River Scientific Data Center, doi:https://doi.org/10.15489/ju28hc7pui092022

References to articles:

7、Supporting project information

8、Data resource provider

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