Upper Yangtze River Scientific Data Center

**Southwest China100m WorldPop Population (2000-2021)**

1、Description

The WorldPop program produces a variety of demographic gridded data products at the global and country scales, including population counts, within 3 arcsec grid cells (∼ 100 m at the Equator) in the geographic projection WGS84. The main method for producing WorldPop products is a weighted dasymetric approach that relies on a random forest model to produce a predictive weighting layer for dasymetrically redistributing population counts into gridded cells. Individual country outputs from the WorldPop project provide an open access, transparently documented archive of spatial demographic datasets for many regions in the world including Central and South America, Africa and Asia to support development, disaster response and health applications. All data can be downloaded from https://www.worldpop.org/project/list .

2、Keywords

Theme：Human-nature Remote Sensing,Population  
Discipline：Human-nature Relationship  
Places：Southwest China, Upper Yangtze River, China  
Time：2000-2021

3、Data details

1.Scale：None

2.Projection：WGS84

3.Filesize：26214.4MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：36.5 | - |
| west：89.0 | - | east：112.5 |
| - | south：20.5 | - |

5、Time frame:None--None

6、Reference method

References to data:

TATEM Andrew. Southwest China100m WorldPop Population (2000-2021). Upper Yangtze River Scientific Data Center, 2022

References to articles:

7、Supporting project information

8、Data resource provider

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