Upper Yangtze River Scientific Data Center

**Golbal 1km UN WPP-Adjusted Population Count ,GPWv4.11 (2000, 2005, 2010, 2015, 2020)**

1、Description

Population Count Adjusted to Match 2015 Revision of UN WPP Country Totals, Revision 11 consists of estimates of human population (number of persons per pixel) consistent with national censuses and population registers with respect to relative spatial distribution, but adjusted to match the 2015 Revision of the United Nation's World Population Prospects (UN WPP) country totals for the years 2000, 2005, 2010, 2015, and 2020. A proportional allocation gridding algorithm, utilizing approximately 13.5 million national and sub-national administrative units, was used to assign population counts to 30 arc-second grid cells. The data files were produced as global rasters at 30 arc-second (~1 km at the equator) resolution. The purpose of GPW is to provide a spatially disaggregated population layer that is compatible with data sets from social, economic, and Earth science disciplines, and remote sensing. It provides globally consistent and spatially explicit data for use in research, policy-making, and communications.

2、Keywords

Theme：Human-nature Remote Sensing,Population  
Discipline：Human-nature Relationship  
Places：global  
Time：2000, 2005, 2010, 2015, 2020

3、Data details

1.Scale：None

2.Projection：WGS84

3.Filesize：1648.64MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：90.0 | - |
| west：-180.0 | - | east：180.0 |
| - | south：-90.0 | - |

5、Time frame:None--None

6、Reference method

References to data:

COLUMBIA UNIVERSITY Center for International Earth Science Information Network - CIESIN. Golbal 1km UN WPP-Adjusted Population Count ,GPWv4.11 (2000, 2005, 2010, 2015, 2020). Upper Yangtze River Scientific Data Center, doi:https://doi.org/10.7927/H4PN93PB2022

References to articles:

7、Supporting project information

8、Data resource provider

name: COLUMBIA UNIVERSITY Center for International Earth Science Information Network - CIESIN  
unit:   
email: ciesin.info@ciesin.columbia.edu