A Big Earth Data Platform for Three Poles

**Digital soil mapping dataset of soil bulk density in the Heihe river basin (2012-2014)**

1、Description

The source data of this data set comes from the soil profile data integrated by the major research plan integration project of Heihe River Basin (soil data integration and soil information product generation of Heihe River Basin, 91325301).
Scope: Heihe River Basin;
Projection: WGS · 1984 · Albers;
Spatial resolution: 100M;
Data format: TIFF;

2、Keywords

Theme：Soil,Soil bulk density
Discipline：Terrestrial Surface
Places：Heihe River Basin
Time：2012-2014

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：472.0MB

4.Data format：黑河流域数字土壤制图产品（第二版）：土壤容重分布数据集

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：42.687 | - |
| west：97.0667 | - | east：101.99 |
| - | south：37.6893 | - |

5、Time frame:2012-07-06 16:00:00+00:00--2015-07-07 03:59:59+00:00

6、Reference method

References to data:

ZHANG Ganlin. Digital soil mapping dataset of soil bulk density in the Heihe river basin (2012-2014). A Big Earth Data Platform for Three Poles, doi:10.11888/Soil.tpdc.2705942017

References to articles:

Song, X.D., Brus, D.J., Liu, F., Li, D.C., Zhao, Y.G., Yang, J.L., Zhang, G.L. (2016). Mapping soil organic carbon content by geographically weighted regression: A case study in the Heihe River Basin, China. Geoderma, 261, 11–22.

7、Supporting project information

8、Data resource provider

name: ZHANG Ganlin
unit:
email: glzhang@issas.ac.cn