A Big Earth Data Platform for Three Poles

**Soil organic matter content of representative samples in the Heihe River basin (2012-2013)**

1、Description

This dataset contains soil organic matter content data of typical soil samples in heihe river basin from July 2012 to August 2013.The collection method of typical soil sample points in heihe river basin is representative sampling, which refers to the collection of typical soil types in the landscape area and the collection of highly representative sample points as far as possible.Soil samples from each profile were taken on the basis of diagnostic layers and diagnostic characteristics, classified according to the Chinese soil system.

2、Keywords

Theme：Soil,Organic matter
Discipline：Terrestrial Surface
Places：Heihe River Basin
Time：2012-2013

3、Data details

1.Scale：None

2.Projection：4326

3.Filesize：1.0MB

4.Data format：文本

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：43.3 | - |
| west：96.1 | - | east：104.2 |
| - | south：37.7 | - |

5、Time frame:2012-07-10 10:49:40+00:00--2013-09-09 10:49:40+00:00

6、Reference method

References to data:

ZHANG Ganlin. Soil organic matter content of representative samples in the Heihe River basin (2012-2013). A Big Earth Data Platform for Three Poles, doi:10.11888/Geogra.tpdc.2704132016

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