A Big Earth Data Platform for Three Poles

**The response of grassland productivity to soil moisture under grazing disturbance in Heihe Basin**

1、Description

The data include different observation data of Sunan, Gansu Province:  
1) The soil properties of grassland under different management measures, soil compactness, water permeability and soil moisture content of 4-5 grazing intensity grassland;  
2) The observation data of soil compactness, permeability and water content of different grazing management measures;  
3) Correlation analysis data of grassland community characteristic productivity and soil moisture;  
4) Correlation analysis data of height, coverage, biomass, flower shape, tiller and leaf characters of main plants with soil water content;

2、Keywords

Theme：Soil,Soil infiltration,Soil moisture/Water content  
Discipline：Terrestrial Surface  
Places：Heihe River Basin,   
Time：2013

3、Data details

1.Scale：None

2.Projection：4326

3.Filesize：0.5MB

4.Data format：EXCEL

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：38.9 | - |
| west：99.96 | - | east：101.78 |
| - | south：37.96 | - |

5、Time frame:2012-07-23 00:32:00+00:00--2014-09-30 00:33:00+00:00

6、Reference method

References to data:

The response of grassland productivity to soil moisture under grazing disturbance in Heihe Basin. A Big Earth Data Platform for Three Poles, doi:10.3972/heihe.411.2014.db2015

References to articles:

7、Supporting project information

8、Data resource provider