A Big Earth Data Platform for Three Poles

**The data of material and energy exchange and community stability of soil plant gas interface in Oasis Gobi transitional zone**

1、Description

The project of material and energy exchange and community stability of soil-plant gas interface in oasis-gobi transition zone belongs to the major research program of "environmental and ecological science in western China" sponsored by the national natural science foundation, and is headed by professor Wang genxuan of Lanzhou university. the running time of the project is from January 2002 to December 2004.  
Data collected for this project:  
1. Status of energy utilization rate of desert natural vegetation  
The data is in Excel format. The individual size of plants and biomass of green photosynthetic tissue measured by randomly selecting some plants from the desert natural vegetation sample are mainly used to explore the energy utilization rate model of desert plants in this project, including variables such as average total biomass, average biomass of photosynthetic tissue and population density.  
2. Survey data on basic information of natural vegetation community institutions in sample plots  
The data is in Excel format, including survey and analysis data of vegetation density and average underground biomass in Lanzhou, Baiyin and Jingtai.

2、Keywords

Theme：Vegetation,Biomass  
Discipline：Terrestrial Surface  
Places：Jingtai, Baiyin, Lanzhou  
Time：2002-2004

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：3.58MB

4.Data format：excel 表格

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：42.88 | - |
| west：92.73 | - | east：108.8 |
| - | south：35.57 | - |

5、Time frame:None--None

6、Reference method

References to data:

WANG Genxuan. The data of material and energy exchange and community stability of soil plant gas interface in Oasis Gobi transitional zone. A Big Earth Data Platform for Three Poles, doi:10.11888/Ecolo.tpdc.2706272010

References to articles:

7、Supporting project information

8、Data resource provider

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