A Big Earth Data Platform for Three Poles

**WATER: Dataset of PR2 soil moisture profile observations in the Linze grassland foci experimental area form May to July, 2008**

1、Description

The dataset of PR2 soil moisture profile observations (10cm, 20cm, 30cm, 40cm, 60cm and 100cm) was obtained in the Linze grassland foci experimental area. The sample points, with various underlying surface and depth were measured by PR2 probe in PR2 quadrate (3Grid×3Grid, 90m×90m) and PR2 line.   
 Observations were carried out from May 31 to Jul. 13, 2008 with exceptions on Jun. 6, 8, 10, 13, 21, 27, 28, 29, Jul. 3 and 12. Data were archived in Excel and Word file. See WATER: Dataset of setting of the sampling plots and stripes in the foci experimental area of Linze station for more information.

2、Keywords

Theme：Soil,Soil horizons/profile,Soil moisture/Water content  
Discipline：Terrestrial Surface  
Places：Heihe River Basin, Arid Region Hydrology in the Middle Reaches,   
Time：2008,

3、Data details

1.Scale：None

2.Projection：4326

3.Filesize：0.71MB

4.Data format：EXCEL

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：39.268 | - |
| west：100.037 | - | east：100.095 |
| - | south：39.225 | - |

5、Time frame:2008-12-09 08:00:00+00:00--2009-01-21 08:00:00+00:00

6、Reference method

References to data:

CAO Yongpan, WANG Shuguo, WU Yueru, CHAO Zhenhua, GE Chunmei, FENG Lei, JIANG Xi, HUANG Chunlin, LI Xiaoyu, YU Fan, NIAN Yanyun, WANG Jing, LIANG Ji, HU Xiaoli, HAN Xujun, ZHU Shijie, WANG Xufeng, LI Hongxing, LIU Chao. WATER: Dataset of PR2 soil moisture profile observations in the Linze grassland foci experimental area form May to July, 2008. A Big Earth Data Platform for Three Poles, doi:10.3972/water973.0082.db2014

References to articles:

7、Supporting project information

The CAS (Chinese Academy of Sciences) Action Plan for West Development Project  
National Program on Key Basic Research Project (973 Program

8、Data resource provider

name: GE Chunmei  
unit: Cold and Arid Regions Environmental and Engineering Research Institute, Chinese Academy of Sciences  
email: gechm@lzb.ac.cn  
  
name: WANG Xufeng  
unit: Cold and Arid Regions Environmental and Engineering Research Institute, CAS  
email: wangxufeng@lzb.ac.cn  
  
name: LIU Chao  
unit: Cold and Arid Regions Environmental and Engineering Research Institute, Chinese Academy of Sciences  
email: lc287@126.com  
  
name: WANG Shuguo  
unit: Cold and Arid Regions Environmental and Engineering Research Institute, Chinese Academy of Sciences  
email: sgwang@lzb.ac.cn  
  
name: LI Hongxing  
unit:   
email: westdc@lzb.ac.cn  
  
name: HUANG Chunlin  
unit:   
email:   
  
name: FENG Lei  
unit:   
email: lfeng@link.cuhk.edu.hk  
  
name: CAO Yongpan  
unit:   
email:   
  
name: CHAO Zhenhua  
unit:   
email:   
  
name: WU Yueru  
unit:   
email:   
  
name: HU Xiaoli  
unit:   
email: huxiaoli@lzb.ac.cn  
  
name: LIANG Ji  
unit:   
email: leung@lzb.ac.cn  
  
name: ZHU Shijie  
unit:   
email:   
  
name: JIANG Xi  
unit:   
email:   
  
name: WANG Jing  
unit:   
email:   
  
name: LI Xiaoyu  
unit:   
email:   
  
name: HAN Xujun  
unit:   
email:   
  
name: YU Fan  
unit:   
email:   
  
name: NIAN Yanyun  
unit:   
email: yynian@lzu.edu.cn