A Big Earth Data Platform for Three Poles

**WATER: Dataset of continuous LST (Land Surface Temperature) observation in the Linze grassland foci experimental area**

1、Description

The dataset of continuous LST (Land Surface Temperature) observation was obtained by the automatic thermometer in the Linze grassland foci experimental area.
 Six devices numbered from #1 to #6 were used. Observations were carried out in the reed plot A, the saline plots B and C, the alfalfa plot D, the barley plot E and the temporary farmland on Jun. 10 and 11, 2008 and in plots A, B and E on Jul. 11, 2008.
 Observation time and the land surface radiative temperature were archived in Word, txt and Excel format. See WATER: Dataset of setting of the sampling plots and stripes in the foci experimental of Linze station area for more information.

2、Keywords

Theme：Surface radiation temperature,Earth SurFace Processes
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：55.2MB

4.Data format：EXCEL

4、Space scope

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

5、Time frame:2008-06-24 15:00:00+00:00--2008-07-25 15:00:00+00:00

6、Reference method

References to data:

GE Chunmei, WANG Jing. WATER: Dataset of continuous LST (Land Surface Temperature) observation in the Linze grassland foci experimental area. A Big Earth Data Platform for Three Poles, doi:10.3972/water973.0075.db2013

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 Jing
unit:
email: