A Big Earth Data Platform for Three Poles

**Qilian Mountains integrated observatory network: Dataset of Heihe integrated observatory network (Leaf area index of Daman Superstation, 2021)**

1、Description

2、Keywords

Theme：Vegetation
Discipline：Atmosphere,Terrestrial Surface
Places：Middle reaches of Heihe River
Time：2021

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.2MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：38.87 | - |
| west：100.36 | - | east：100.39 |
| - | south：38.84 | - |

5、Time frame:2021-07-21 16:00:00+00:00--2021-09-04 16:00:00+00:00

6、Reference method

References to data:

LI Xin, LIU Shaomin, XU Ziwei, Qu Yonghua, TAN Junlei, CHE Tao. Qilian Mountains integrated observatory network: Dataset of Heihe integrated observatory network (Leaf area index of Daman Superstation, 2021). A Big Earth Data Platform for Three Poles, doi:10.11888/Terre.tpdc.2726252022

References to articles:

Qu, Y.H., Zhu, Y.Q., Han, W.C., Wang, J.D., & Ma, M.G. (2014). Crop leaf area index observations with a wireless sensor network and its potential for validating remote sensing products. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 7(2), 431-444.

Liu, S., Li, X., Xu, Z., Che, T., Xiao, Q., Ma, M., Liu, Q., Jin, R., Guo, J., Wang, L., Wang, W., Qi, Y., Li, H., Xu, T., Ran, Y., Hu, X., Shi, S., Zhu, Z., Tan, J., Zhang, Y., Ren, Z. (2018). The Heihe Integrated Observatory Network: A basin‐scale land surface processes observatory in China. Vadose Zone Journal, 17,180072. https://doi.org/10.2136/vzj2018.04.0072.

7、Supporting project information

Pan-Third Pole Environment Study for a Green Silk Road-A CAS Strategic Priority A Program

Innovative development of equipments and internet-of-things techniques for ecosystem monitoring and its demonstration

8、Data resource provider

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