A Big Earth Data Platform for Three Poles

**Qilian Mountains integrated observatory network: Dataset of Heihe integrated observatory network (eddy covariance system of Zhangye wetland station, 2020)**

1、Description

2、Keywords

Theme：Atmospheric Radioactive Substance,Hydrology  
Discipline：Atmosphere,Terrestrial Surface  
Places：The artificial oasis experimental area, Zhangye wetland station, Middle Reaches of Heihe River Basin  
Time：2020

3、Data details

1.Scale：None

2.Projection：

3.Filesize：3.05MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：38.97514 | - |
| west：100.4464 | - | east：100.4464 |
| - | south：38.97514 | - |

5、Time frame:2019-12-31 16:00:00+00:00--2020-12-30 16:00:00+00:00

6、Reference method

References to data:

LI Xin, LIU Shaomin, ZHANG Yang, XU Ziwei, REN Zhiguo, CHE Tao. Qilian Mountains integrated observatory network: Dataset of Heihe integrated observatory network (eddy covariance system of Zhangye wetland station, 2020). A Big Earth Data Platform for Three Poles, doi:10.11888/Geogra.tpdc.2714412021

References to articles:

Liu, S.M., Xu, Z.W., Wang, W.Z., Bai, J., Jia, Z., Zhu, M., & Wang, J.M. (2011). A comparison of eddy-covariance and large aperture scintillometer measurements with respect to the energy balance closure problem. Hydrology and Earth System Sciences, 15(4), 1291-1306.  
  
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

8、Data resource provider

name: XU Ziwei  
unit: Beijing Normal University  
email: xuzw@bnu.edu.cn  
  
name: LI Xin  
unit:   
email: xinli@itpcas.ac.cn  
  
name: LIU Shaomin  
unit: Beijing Normal University  
email: smliu@bnu.edu.cn  
  
name: CHE Tao  
unit:   
email: chetao@lzb.ac.cn  
  
name: ZHANG Yang  
unit:   
email: zhangyang@lzb.ac.cn  
  
name: REN Zhiguo  
unit:   
email: rzgehu@lzb.ac.cn