A Big Earth Data Platform for Three Poles

**Water use scenarios of the Heihe River Basin (2020-2030)**

1、Description

The data of water use scenario analysis in heihe river basin is mainly used in water right management model.  
Space scope: sunan county, ganzhou district, minle county, linze county, gaotai county, shandan county, jinta county, ejin na, suzhou district, jiayuguan;  
Time frames: 2020 and 2030  
Data content: forecast water consumption (tons)  
Number of transfers: 9kb

2、Keywords

Theme：Water Resources,Water withdrawal  
Discipline：Human-nature Relationship  
Places：Heihe River Basin  
Time：2020-2030

3、Data details

1.Scale：1

2.Projection：4326

3.Filesize：2.0MB

4.Data format：EXCEL

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：42.0 | - |
| west：98.0 | - | east：101.0 |
| - | south：38.0 | - |

5、Time frame:2020-07-10 01:00:00+00:00--2031-07-10 08:09:00+00:00

6、Reference method

References to data:

WANG Zhongjing. Water use scenarios of the Heihe River Basin (2020-2030). A Big Earth Data Platform for Three Poles, doi:10.11888/Hydro.tpdc.2708512017

References to articles:

Wang, Z. , Zhu, J. , & Zheng, H. . (2015). Improvement of duration-based water rights management with optimal water intake on/off events. Water Resources Management, 29(8), 2927-2945.

7、Supporting project information

8、Data resource provider

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