A Big Earth Data Platform for Three Poles

**Spatial distribution data set of persistent organic pollutants in main ecosystems of three river source regions**

1、Description

This data set includes the concentration and distribution data of main persistent organic pollutants in the environmental media of Sanjiangyuan area. The samples were collected in May 2018, covering Sanjiangyuan Nature Reserve and its surrounding areas. The sample was prepared by Soxhlet extraction purification concentration and other pretreatment steps, and then determined by gas chromatography ion trap mass spectrometry. The target compounds include organochlorine pesticides, polychlorinated biphenyls, polycyclic aromatic hydrocarbons, etc. During sample pretreatment, mirex and pcb-30 were added as recovery markers. The internal standards for sample testing are PCNB and PCB-209. After calculation, the recovery of samples is generally between 60% - 101%.

2、Keywords

Theme：Pollutants' distribution,Frozen Ground  
Discipline：Cryosphere  
Places：The Three River Headwater region  
Time：2018

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：0.01MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：35.5 | - |
| west：92.3 | - | east：99.1 |
| - | south：31.0 | - |

5、Time frame:None--None

6、Reference method

References to data:

WANG Xiaoping. Spatial distribution data set of persistent organic pollutants in main ecosystems of three river source regions. A Big Earth Data Platform for Three Poles, doi:10.11888/Geocry.tpdc.2704412020

References to articles:

7、Supporting project information

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

8、Data resource provider

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