A Big Earth Data Platform for Three Poles

**Map of oil export flows in central Asia (1995, 2005, 2015)**

1、Description

Based on the international trade data from UN comtrade crude oil resources (2709), after sorting, extracting, compiling and spatializing, flow map was made on arcgis 10.2 software platform. From the perspective of central Asia's oil trade relations, priority should be given to ensuring the oil exports of European countries as the main direction of central Asia's oil exports. Before 2006, the exports to Europe accounted for more than 90% of central Asia's exports.From the perspective of export volume and trade relations, since the disintegration of the Soviet union, central Asia has been seeking to diversify its exports and establish broader trade relations, with the number of exporting countries increasing from 3 in 1993 to 18 in 2016.Before 1995, central Asia exported only a small amount of oil, less than 1 million tons. From 1996 to 2013, oil exports increased rapidly and reached a peak.

2、Keywords

Theme：Central Asia,Energy Resources,Social and Economic,Total exports,Petroleum,Settlement
Discipline：Human-nature Relationship
Places：Central Asian Countries
Time：2015, 1995, 2005

3、Data details

1.Scale：None

2.Projection：WGS84

3.Filesize：9.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：-90.0 | - |
| west：-180.0 | - | east：180.0 |
| - | south：83.62 | - |

5、Time frame:1996-07-08 08:00:00+00:00--2016-07-08 08:00:00+00:00

6、Reference method

References to data:

HE Ze, YANG Yu. Map of oil export flows in central Asia (1995, 2005, 2015). A Big Earth Data Platform for Three Poles, 2019

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

name: HE Ze
unit: Institute of geographical sciences and resources, Chinese academy of sciences
email: heze@lzb.ac.cn

name: YANG Yu
unit: Institute of geographical sciences and resources, Chinese academy of sciences
email: yangyu@igsnrr.ac.cn