A Big Earth Data Platform for Three Poles

**Eco environmental risk map of the development of agriculture and animal husbandry in the next 50 years in the Qinghai Tibet Plateau (2030, 2050, 2070)**

1、Description

Based on the calculated ecological environmental risk of agriculture and animal husbandry in 1985, 1990, 1995, 2000, 2010 and 2015 on the Tibetan Plateau, the fuzzy weighted Markov chain model was used to predict the ecological environmental risk without the meteorological factors.The meteorological factors data extracted from future climate model (rcp4.5) was superimposed with ecological environmental risk of agriculture and animal husbandry without the meteorological factors. The resulting risk of agriculture and animal husbandry development in 2030, 2050 and 2070 can provide scientific basis for the future development planning of agricultural and animal husbandry on the Tibetan Plateau.

2、Keywords

Theme：Agricultural Resources,Environment Pollution and Control
Discipline：Human-nature Relationship
Places：the Tibetan Plateau
Time：2030，2050，2070

3、Data details

1.Scale：None

2.Projection：

3.Filesize：75.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：43.3 | - |
| west：73.62 | - | east：104.68 |
| - | south：24.95 | - |

5、Time frame:None--None

6、Reference method

References to data:

LU Hongwei. Eco environmental risk map of the development of agriculture and animal husbandry in the next 50 years in the Qinghai Tibet Plateau (2030, 2050, 2070). A Big Earth Data Platform for Three Poles, doi:10.11888/Socioeco.tpdc.2704542020

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: LU Hongwei
unit:
email: luhw@igsnrr.ac.cn