

Desertification reasons , endangering and tendency in China's land

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Desertification in China has spread about 26 220 000 km² , most of them in western of China . The type , size and endanger lever of the desertification in arid , semi-arid areas of western of China are the most concentrated and serious .

Key words : Desertification , Reasons , Endangering , Tendency , China

Reasons of desertification formation The rapid growth of population and the laggard management is the internal driving force of expanding desertification : The requirement of food , fuel and other fundamental sub'sistence increase with the population growth , which give land raised pressure . The population exceeded the capacity of the ecological environment and excessive exploit the resources lead to environmental degradation . It is the rapid population growth and laggard production management , causing the unreasonable development and utilization of resources , deteriorate the ecological environment , accelerating and expanding the desertification .

Humanity unreasonable use of resources speed up desertification Overcharging cultivating : Lack of protect cultivation after reclaim , the soil erosion by wind or buried by sand , the yield sharp declined , the people had to give up farming , on the one hand the land abandoned became sandy , on the other hand there are new grassland or fixed land reclaimed , fall into a vicious circulation .

Overcharging grazing : Use meadows without maintain , the productivity of natural grassland is low , with the increase of population and interests of market-driven , the people increasing livestock blindly , leading to the serious overloading of pasture , the herdsman even contest , fight each other for pasture .

Overcharging Woodcutter : Because of fuel shortage , peasants and herdsmen use natural plants and animals manure as fuel .

Overcharging pluck : The peasants and herdsmen in order to increase their incomes , unplanned , uncontrolled plucking medical weed and so on . In doing this , they shovel out lawns and excavators hole , severely damaging the grasslands , and greatly accelerated the erosion desertification process .

Abuse of water resources : In desert areas , the performance of abuse of water resources is the lack of surface water planning and arrangements in the upper , middle and lower stage , exploitation of underground water excessively , the irrigation use too much water .

Indiscriminate mining : Because of people pay little attention to ecological and environmental protection when people development and mining roads , towns and other fundamental construction , often lead to the occurrence of desertification .

Desertification endangering Farmland , grassland degradation , the reducing of utilizable land areas , the agricultural and domestic productivity decline .

Dynamic Community recession , a reduction in biodiversity .

Silting the channel and river bed , buried , pressed and blocking roads , damaged traffic , water conservancy facilities .

Sandstorms frequent occurrence , deterioration of the ecological environment , ecological disaster increase .

Tendency of desertification After half a century , the Work to Combat Desertification in China achieved great achievements , but the situation is still very serious by the status and development trend . Despite the parts had improved , but the integration is still expanding , the speed desertification expanding is acceleration , in 1950s the speed is annual 1560 km² , in 1970's it is 2100 km² , the current speed is 2460 km² . The desert oasis edge , grassland farming-pastoral areas and agricultural development zone is most serious , some potential desertification of land is gradually evolving to real desertification land .