

Distribution of ground water quality and its environmental risk assessment observed in Inner Mongolia

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Mongolian plateau is famous for nomadic life, however, in these days, their lifestyle has been changed. Focused on Inner Mongolia region, governments prevent them to move everywhere for seeking better grass or drinking water in this region. The land has been separated with the fence. Therefore people who living in this region only use the resources which is located in their own land. Beginning of this political measurement, people has been trying to dig the well and they use the grand water for drinking water.

In our research, we sampled the river water, and grand water were sampled more than 60 sampling point with the nomad. Major ion and heavy metal concentration were analyzed. Based on these data, we assessed the human health risk who drink these groundwater in this area.

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