

Review on Recent Hydrological and Water Resource Related Activities in the Mongolian Part of Amur River Basin (Country report of Mongolia)

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Abstract

This report covers the following areas such as review on recent flow regime and hydrological changes of selected rivers and lakes in the Mongolian part of the Amur river basin, different national and international research project activities in the region, and introduction of newly established river basin authorities.

In terms of rainfall amount in the Eastern Mongolia in 2013 and 2014, it was relatively wet and warm. Sum of the rainfall exceeds the regional long term mean by 20 and 40 percent, respectively. As for river runoff, it was also higher than regional long term mean by 20-60 percent. Since 2007-2008 was recorded as one of the lowest values, the water level of the Buir lake have increased by 1.5 m. Generally speaking, in recent 5-6 years, there was some increasing tendency of water resources in the Mongolian part of the Amur river basin. The number of hydrological monitoring sites increased in the Mongolian part of Amur river basin, and since 2012 four gauging stations were established at the Ulz, Onon and Khalkhgol rivers.

Recently, the Government of Mongolia had established new organizations responsible for implementation of IWRM planning in the biggest river basins of Mongolia and three of them are established in the Mongolian part of Amur river basin. Structure, status and regulation of this fully governmental organization are approved by Ministry of Nature and Green Development. Introduction of these River Basin Authorities is also included in this report.

Finally, we briefly present and introduce activities and outputs of several national and international activities which cover water resources and environmental management issues such as implementation of national science technological project, UNDP Adaptation project, activities related Daurian International Protected Area and transboundary water issues between Mongolia and China.