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A long term monitoring of water cycle in the Mongolian plateau

Ichiro Kaihotsu^{1*}, Hideyuki Fujii², Dambaravjaa Oyunbaatar³, Toshio Koike⁴, Tsutomu Yamanaka⁵, Masahiro Hirata⁶, Kazuaki Shiraishi⁷

¹Hiroshima University, ²JAXA, ³IMH, ⁴The University of Tokyo, ⁵The University of Tsukuba, ⁶Obihiro University of Agriculture and Ve, ⁷Hiroshima University

We have been observing continuously soil moisture, vegetation and fundamental hydrological elements at several points in the study area in the Mongolian plateau since 2000. At the same time, AMSR-E has been observing daily soil moisture over Mongolia since 2002. We have been obtaining interesting results of water cycle change analyzing the data of the in situ and satellite observations. We will discuss the observation results, recent results and future activities.

Keywords: soil moisture, vegetation, remote sensing, AMSR-E, AWS, ASSH