

Z171-003

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Validation of AMSR-E Soil Moisture Algorithm Using the NAMHEM Data

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AMSR-E has been successfully monitoring soil moisture in wole Mongolia and surrounding countries since 2002. We tried to make a validation of the AMSR-E soil moisture measurement algorithm (Ver. 4.0 of JAXA)using the NAMHEM (Natural Environment Monitoring Network of the Ministry for Nature and Environment of Mongolia) data. The validation results showed that the algorithm estimated reasonably soil moisture. However it has been a little overestimating soil moisture with year.