



## ABSTRACT

**Ramnos Gilbert Mosepe**. 2019. *Evaluation Of Irrigation Water Needs For Rice Fields At Panjoka Village, Pamona Utara Subdistrict, Poso Regency*. Supervised by Ebelhart O Pandoyu And Bleiser Tanari.

Key Words: Irrigation Water Needs, Rice Fields, Water Discharge Potency

This research is located in Panjoka village, at the secondary and tertiary channel, where the irrigation area is 42 ha which has 2 secondary channels and 3 tertiary channels. The result shows that SS1 and ST3 channels are adequate to fulfill the whole irrigation water needs. At the ST1 and ST2 channel, the actual discharge shows that the clean water needs will not be fulfilled in dry season. Thus, the sustainable socialisation is needed for the farmers.

