

## **The Problem of Irrigation Water Supply for Paddy Lands: The Case of Right Canal Zone of Huruluwewa Scheme**

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Water supply is main character for paddy cultivation in dry zone of Sri Lanka. Providing adequate irrigation water supply for agriculture has become a problem. There is no proper and efficient irrigation water management at present. The main aim of this research is to study of factors regarding to the problem of water supply for paddy lands in Huruluwewa irrigation scheme in Anuradhapura District in Sri Lanka. There are two main canal zones in Huruluwewa scheme. Mainly Right Canal Zone is a largest and having problem of water management. Therefore, Right Canal Zone was selected to as sample area the study. The right canal zone of Huruluwewa scheme and farmers have been selected in 5% sample population, those are faced problem in farmer organization in Huruluwewa first part(14 person), central part (16 person) and last part of Huruluwewa right side irrigation canal(10 person). Primary data were gathered through questionnaires informal Interviews and field observations The main method of statistical of Excel software has been used. The findings revealed that 92.5% famers said that canal structures are not proper construction. The finding also revealed that not proper maintains of canal system. The weaknesses of farmers, the problems of the fields and the problems of the institutions, these problems have been identified. According to these facts there is no proper irrigation of water supply for paddy lands. To minimize these problems there should be institutional principals, paying attention and acts of farmer organizations level produce proposals for these problem.

**Keywords:** Irrigation Water supply, Irrigation System, Agriculture, Farmer Organization, Huruluwewa.

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