



## **Challenges in water management interventions in the Sambhar Salt lake region, Rajasthan, India**

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Rural areas in the Thar desert, India depend upon Monsoon rain as source of water supply. Monsoon in this part of Rajasthan reaches by mid to end of July and ends in September. However, more frequent and severe droughts are causing these areas to face water scarcity which affects domestic use and agricultural production. In the Sambhar Salt Lake Region, this situation is worsen by the high salinity levels present in the groundwater. Water Harvest UK (now Water Wisdom Foundation) has been working for over 30 years in the region to provide locals with access to safer and sustainable water supplies through rain water harvesting (RWH). This work explores challenges in implementation of alternative water management interventions in the Sambhar Salt lake region. Also water quality from different RWH structures will be assessed in some of the villages located in the region. The overall aim is to add valuable knowledge to the current water management and the ways to improve it.