

.Egypt reached the highest population in Africa of over 100 million in 2020. It has experienced rapid population growth, which leads to additional demand of water due to its limited water resources. It is predicted that Egypt's total population will be about 110 million by the year 2025 (Ferrari, McDonald, & Osman, 2014). Due to the high population and geographic location of Egypt, there is an increasing demand for water and decreasing per capita water share. Since 1990s, Egypt already has one of the lowest per capita water shares in the world