



## During and post COVID -19: Challenges in Water Sector

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**Abstract.** During and post COVID 19, the main challenges in water sector are (i) access to safe water and (ii) sanitation. It has already been said that a lot of clean water is being consumed for hand washing as a protective measure against the spread of the covid-19 and this water goes as waste. Consumption of high amount of water at the times of depleting groundwater levels, water quality issues and challenges of augmentation of water levels and resilience building measures will aggravate the adversity in this sector. This will further deteriorate the situation in countries living under water stress and water scarcity conditions. Presently, efforts should be made on monitoring of the water usage, augmentation of depleting water levels, conservation of water resources, finding the sustainable ways for treating the wastewater and reuse of this treated water.

**Keywords:** COVID-19, water sector, challenges, rural and urban areas, hydro-geoethical approach.