

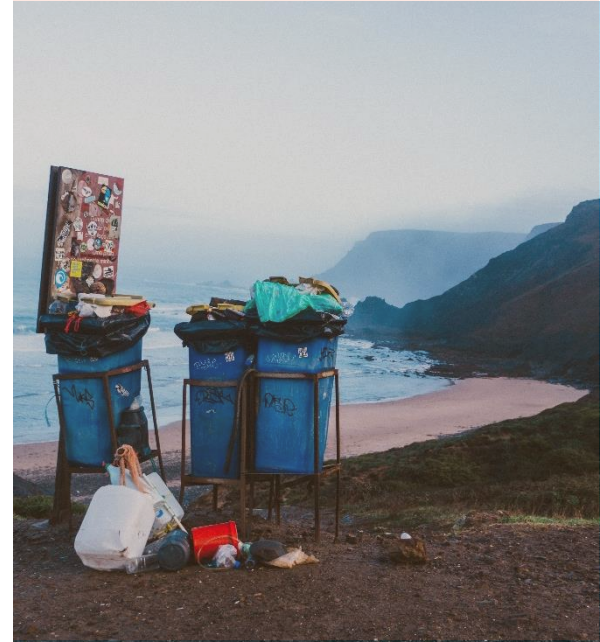
Water and Sanitation

Overview and challenges

Today, 40% of the world's population faces water scarcity with ~\$260 billion economic opportunities lost annually due to lack of clean water access, climate change, increased pollution, and industrialization. Time spent gathering and seeking safe water sources is accounting for billions of lost economic opportunities annually. Disproportionally affecting children and women as they experience increased health challenges which impacts mortality rates and ability to pursue education.

Challenges in India

India is grappling with challenges relating to access to clean water. It is estimated that half of India's population do not have access to piped water. Local and national Indian government bodies have prioritized increasing access to clean water. There is an interest in reducing pollution in water sources as well as finding more sustainable consumption models through circular economy and integrating new technologies.



ENSURE AVAILABILITY AND SUSTAINABLE MANAGEMENT OF WATER AND SANITATION FOR ALL



CLEAN WATER AND SANITATION

Absence of clean water can impact the health, food security, and livelihoods of families across the world



MORE ACCESS, LESS WASTE

Increasing accessibility to clean water through smarter and more sustainable systems.



SUSTAINABLE WATER MANAGEMENT

Increase water-use efficiency across all sectors and ensure sustainable use of freshwater.



PROTECTING THE SOURCE

Safeguarding natural water resources is key to protecting the environment but also increasing access to clean water.



SANITATION FACILITIES

Absence of safe and improved sanitation facilities has a disproportionate effect on the lives of women and girls.



HYGIENE EDUCATION

Campaigns and teachings for hygienic practices at the local and national level to help prevent the spread of communicable diseases.



WATER TECHNOLOGY

Innovative software, app and AI development, allowing for effective and efficient water preservation, tracking, and monitoring.