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REDUCING WATER WASTE AND DEATHS USING LIFE SUPPORT SYSTEMS (LSS) WATER
RECOVER SYSTEM (WRS)

Abstract

Based on the World Health Organisation (WHO) research statistics every year, about 1.3 million people die as a result of road traffic accidents, which is about 3000 people a day. 60 percent of these deaths and serious injuries to pedestrians, bicyclists and motorcycle riders. We are developing smart suits (wearable technology) as an initiative to reduce the death rate of motorcycle riders. In the initiative, we were inspired by the technologies developed in the ISS and around the world, and we created our technology. Our research results show that we can save human life by detecting injuries immediately and notifying the nearest hospital to save a life. This research could also be tested and used in low-energy water recycling on a future Mars mission. Would be useful on Mars where energy is difficult to generate, and will be beneficial for the establishment of future habitats and colonies.