

TUFH 2020 Abstracts

Title	What is Project H2O?
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Content

First mobilized in response to the 7.2-magnitude Bohol Earthquake last October 2013, Project H2O is an answer to the need for safe and potable water in disaster-affected areas of the Philippines. Year after year, natural calamities ravage our nation and cut people's access to basic necessities such as water, food, shelter, and clothing - the most important of which is sanitary drinking water. Although effective and highly appreciated, the typical relief response of bringing bottled water to these affected areas often lead to increasing waste management issues, diversion of limited funds, and worsened flooding long-term. The Mu Sigma Phi Fraternity of the University of the Philippines College of Medicine seeks to approach this problem in a different light. Utilizing cutting-edge filtration technology, Project H2O units are able to effectively produce clean potable water from lakes, ponds, groundwater or any source of freshwater. Through this innovative technology, calamity victims are provided with a more reliable and sustainable source of drinking water.