Environmental Sciences and Engineering ~ ENVR 400 ~ In-house Seminar


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0001 Michael Hooker Research Center
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Abstract

Household water treatment and safe storage (HWTS) options provide a solution, when employed correctly and consistently, for managing water safety at home. However, despite years of promotion by non-governmental organizations (NGOs), governments and others, boiling is the only method to achieve scale. This study maps out enablers and barriers to promoting adoption and sustained employment of effective HWTS practices. Through interviews with HWTS practitioners with direct experience with HWTS programs, 47 enablers and barriers relevant to sustaining and scaling up HWTS practices were identified. These enablers and barriers were grouped into six domains: (1) training on HWTS product use; (2) resource availability; (3) user preferences; (4) integration and collaboration; (5) standards, certification and regulations; and (6) market strategies. Collectively, the six domains cover the major aspects of moving products from development to the consumers. It is important that each domain is considered in all programs that aim to promote employment of HWTS practices.