

Point-of-Use water treatment for improving health and increasing economic opportunity: application in Indonesia

Ranjiv S. Khush, Ph.D.

The Aquaya Institute

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1981-1990: United Nations' International Drinking Water Supply and Sanitation Decade

Strategies for Reducing Water-Related Disease



Increased supply

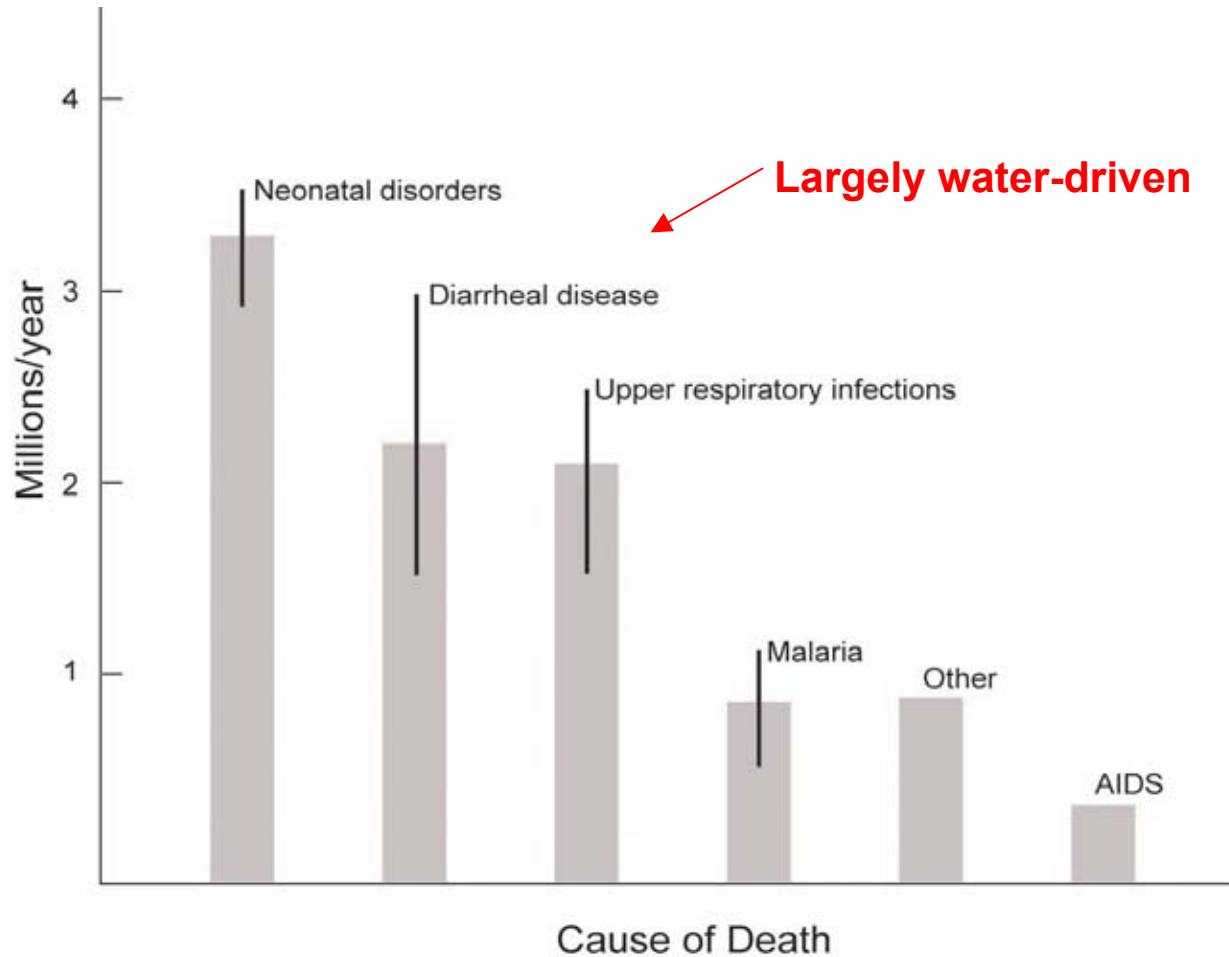


Hygiene education



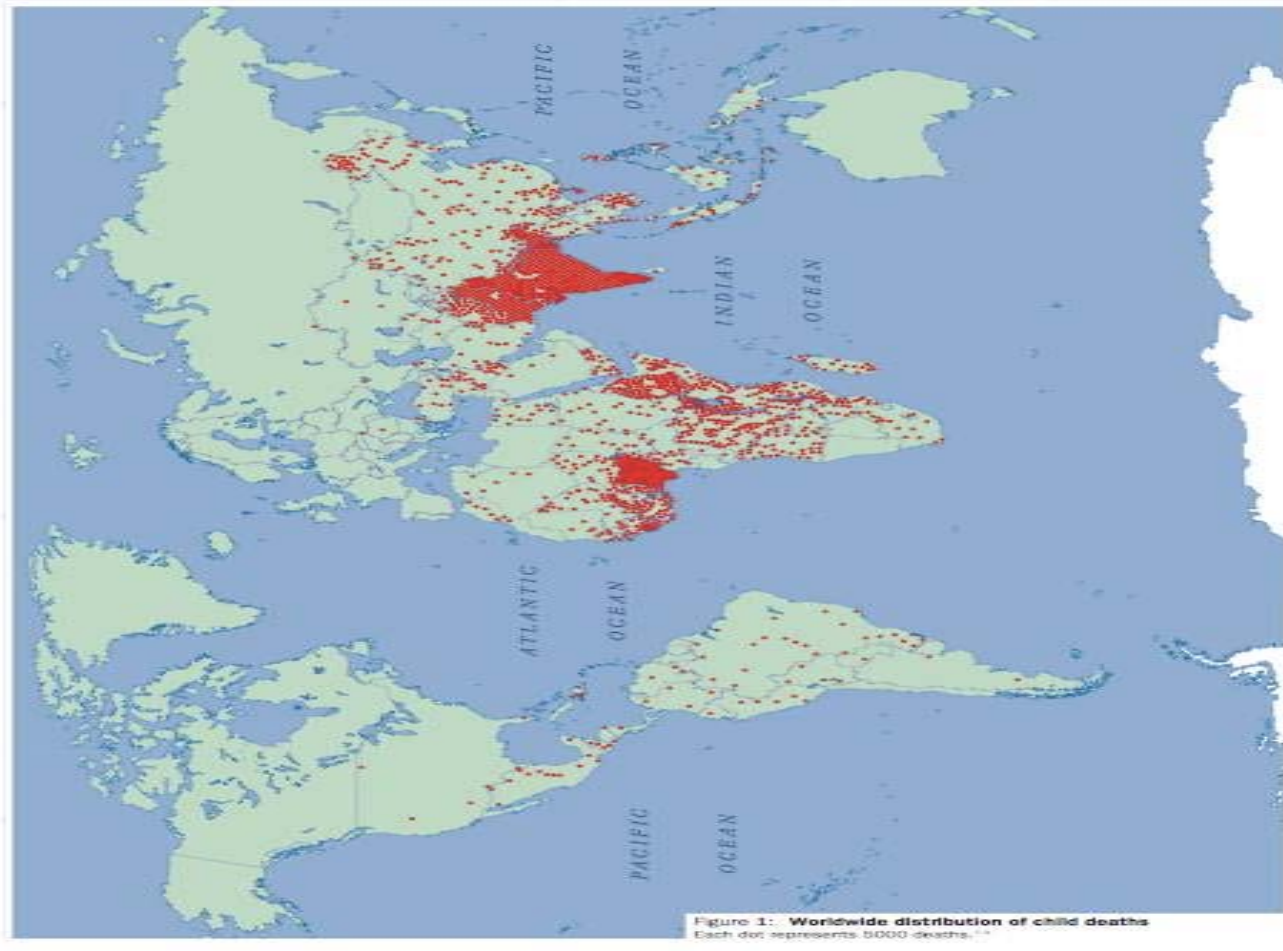
Sanitation

Childhood Mortality by Cause in 2000



Black RE, Morris SS & Bryce J (2003). Where and why are 10 million children dying every year? *Lancet* 361:2226-34.

Worldwide Distribution of Child Deaths in 2000



Black RE, Morris SS & Bryce J (2003). Where and why are 10 million children dying every year? *Lancet* 361:2226-34.

Why did the International Drinking Water Supply and Sanitation Decade Fail?

- Population growth
- Funding limitation
- Inadequate infrastructure operation and maintenance
- Continuation of a “business as usual approach” drawing on traditional resources, policies, and technologies

2005-2015: United Nations' International Decade for Action: Water for Life

The Aquaya Institute

Principals:

Jeff Albert, PhD – water resource scientist

Ranjiv Khush, PhD – immunologist/microbiologist

Peter Kozodoy, PhD – engineer, product development
specialist

Steve Rhee, PhD – development anthropologist

David Rich, MBA – marketing and technology diffusion
specialist

New strategies to Bypass Bureaucracy and Infrastructure

Source treatment:



Point-of-Use (POU) treatment:



Safe storage:



