



CERTIFICATE
Issued August 21st, 2013

This is to certify that

christopher garama mramba

successfully completed

PH278x: Human Health and Global Environmental Change

a course of study offered by **HarvardX**, an online learning
initiative of **Harvard University** through **edX**.

A handwritten signature in black ink, reading "Aaron Bernstein".

Aaron Bernstein, MD MPH

Associate Director, Center for Health
and the Global Environment
Harvard School of Public Health

Pediatrician

Boston Children's Hospital

A handwritten signature in black ink, reading "John D. Spengler".

John D. Spengler

Akira Yamaguchi Professor of Environmental Health and Human Habitation
Director, Center for Health and the Global Environment
Harvard School of Public Health

HONOR CODE CERTIFICATE

*Authenticity of this certificate can be verified at <https://verify.edx.org/cert/077dd6092de4422cb25db80586b90c43>