



CERTIFICATE  
*Issued August 21st, 2013*

This is to certify that

**Rahul Barmanray**

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/e78862fc66f7421d8707623fba0b3384>