



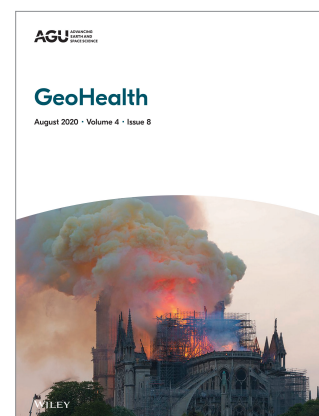
## Public Health Through the Lens of Geoscience

The emerging multidisciplinary field of GeoHealth investigates and highlights how environmental exposures and factors impact public health. GeoHealth connects the environment and health sciences to better protect populations and build a more resilient and healthy planet.

Interdisciplinary research that highlights how environmental issues affect public health is critically important. At AGU, we promote collaboration among disciplines to develop a complete picture of the issues that our population faces today to develop science-informed solutions for tomorrow.

This collaborative research has exposed findings including how:

- dust storms can exacerbate respiratory health conditions for particular populations
- increasing concentrations of carbon dioxide in the atmosphere reduces the nutrient content of staple food crops
- drinking water salinity is associated with neonatal and infant mortality in Bangladesh
- the number of deaths associated with exposure to wildfire smoke in the U.S. could double by the end of the century
- breathing moon dust could pose a health risk to future astronauts



Our world has a growing population with continuous needs, living on a planet with finite resources. Now, more than ever, research is needed that strives to help build a proper balance between sustainability and human well-being.

By partnering with leaders in health, ecology, medicine and veterinary science, as well as socio-behavioral sciences and public policy, GeoHealth aims to create actionable solutions to some of the world's largest problems.

# GeoHealth



**At AGU, the growing GeoHealth community strives to support science that informs public health policy to make a difference, resulting in a healthier and more sustainable future for us all.**

## **GeoHealth: AGU's open access journal**

AGU's award winning gold open access journal GeoHealth, covers everything from research looking at [the effects of heat exposure on human mortality](#), to the high [economic burden imposed by climate-related health costs](#), to the health effects of space travel. It is a journal that is already engaging transdisciplinary teams of authors, who provide an expertise very diverse in view, and therefore producing high quality science. In 2019, GeoHealth, was recognized by the Association of American Publishers with two [PROSE Awards](#), Best New Journal in Science Technology and Medicine as well as the Award for Excellence in Physical Sciences and Mathematics. In 2020, GeoHealth became indexed in PubMed Central, and Web of Science™, where it has just received its first [journal impact factor of 3.66](#).

## **GeoHealth Section at AGU**

The GeoHealth section at AGU is a community of scientists, health professionals, educators, policy-makers and the interested public. This community shares research and ideas and discusses the latest in the field through its online platform, [AGU Connect](#). The GeoHealth section encourages anyone to join the open conversation.

