Health and environmental sustainability are fundamentally connected and are essential for the livelihood of our communities. NYU Langone and NYU researchers have recognized this connection and have led by example through their academic studies on this topic. This Sustainability & Healthcare Database compiles their publications on the intersection of public health, sustainability, pollution, and climate change.

This database serves as an educational resource that illustrates how hospitals can demonstrate leadership and allow research to drive meaningful changes in practice and care.

Download the Sustainability & Healthcare Database here.
This document shows the database organized by categories. To view this information in an Excel file which allow the user to sort and filter information, please use the download link above.

Categories:
1. Climate Change
2. Cost
3. Education
4. Exposure
   a. Antibiotic
   b. Chemical
   c. Occupational
   d. Prenatal
5. Food
   a. Accessibility
   b. Diet
6. Physical & Mental Health
7. Policy
8. Pollution
   a. Air
   b. Chemical
   c. General
   d. Noise
9. Population Health
10. Transportation
11. Urban Design
12. Waste

This database is managed by the NYU Langone Health Energy & Sustainability team. Contact: sustainability@nyulangone.org. Last Update: April 2023
1. Climate Change

Atmospheric drivers and healthcare’s impact to climate change


3. Education

literacy on climate change and health for clinicians, patients, and community


environmental health to practitioners: are we doing enough?. The Mount Sinai journal of medicine, New York, 77(1), 114–123. https://doi.org/10.1002/msj.20158


4(a). Exposure: Antibiotic health impacts, risks, and costs related to antibiotic exposure


4(b). Exposure: Chemical health impacts, risks, and costs related to chemical exposure


Sustainability & Healthcare Database


Li, A., J., & Kannan, K. (2018). Elevated Concentrations of Bisphenols, Benzophenones, and Antimicrobials in Panty Hose Collected from Six Countries. Environmental science & technology, 52(18), 10812–10819. https://doi.org/10.1021/acs.est.8b03129
Mar, S., Liang, S., Watzl, M., Casper, T. C., Goyal, M.,


Tran, T., Minh, T., Kumsani, T. & Kannan, K. (2016) Occurrence of phthalate diesters (phthalates), p-hydroxybenzoic acid esters (parabens), bisphenol A diglycidyl ether (BADGE) and their derivatives in indoor dust from Vietnam: Implications


4(c). Exposure: Occupational health impacts, risks, and costs related to chemical and environmental exposure in the workplace


4(d). Exposure: Prenatal maternal-fetal health impacts, risks, and costs related to chemical and environmental exposure


5(a). Food: Accessibility opportunities and barriers to access healthy and affordable foods


5(b). Food: Diet

health impacts of consumption patterns and plant-based diets


6. Physical & Mental Health
role of exercise and the environment on physical and mental health


7. Policy outcomes and implications of policies on the environmental and health


8(a). Pollution: Air contributors, trends, and health impacts of air pollutants


Burnett, R., Chen, H., Szyszczewicz, M., Fann, N.,...


aerosols on ambient air quality and cardiopulmonary health in adults and children: protocol for a panel study. BMJ open, 9(6), e029490. https://doi.org/10.1136/bmjopen-2019-029490


Toxicology letters, 212(2), 147–156. https://doi.org/10.1016/j.toxlet.2012.05.014
8(b). Pollution: Chemical contributors, trends, and health impacts of chemical pollutants
8(c). Pollution: General regional and global impacts of pollution
8(d). Pollution: Noise
contributors, trends, and health impacts of noise


9. Population Health
health status and outcomes within a group of people


10. Transportation access to transportation and safety implications


11. Urban Design

Community design and planning’s influence on health


12. Waste

Environmental and cost impacts of hospital waste


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