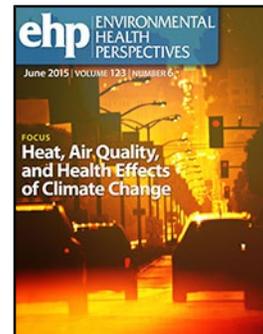


This month in EHP

The June issue of Environmental Health Perspectives (EHP) examines the complex relationship between climate change and air pollution.



Air Quality and Climate Change: A Delicate Balance

Dust, allergens, soot, water vapor, and other particles and gases in the atmosphere are constantly interacting and forming new mixtures, often with the influence of heat and ultraviolet radiation. Many direct human health effects of these airborne agents have been well characterized. Some of these agents also have greenhouse properties, contributing to the overall warming of the planet, while others impart cooling effects. Climate change and air pollution are thus inextricably intertwined.

Research summaries featured this month include:

- **Pediatric Vaccines and Neurodevelopment: Primate Study Finds No Adverse Behavioral Effects** — Authors of a detailed study of neurodevelopment, learning, and social behavior in macaques report no adverse developmental or behavioral effects associated with the full pediatric vaccine schedule.
- **Comparing BPS and BPA: Cardiovascular Effects in Female Rat Hearts** — A research team that reported impacts of bisphenol A (BPA) on the female rat cardiovascular system now report nearly identical impacts from exposure to bisphenol S (BPS), which is often thought to be a safer alternative to BPA.
- **Exercise and Air Pollution: Study Suggests Benefits Outweigh the Health Risks of NO₂ Exposure** — Scientists found that over the long term, exposure to air pollution while exercising did not appear to reduce the beneficial health effects of physical activity.
- **Examining Mixtures of Disinfection Byproducts: Rat Study Shows No Effects on Reproduction** — Researchers report on the reproductive effects, in rats, of a mixture of disinfection byproducts that can form when water treatment chemicals interact with other compounds in water.

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