2026
EH Scan

National Collaborating Centre for Environmental Health
Centre de collaboration nationale en santé environnementale

ENVIRONMENTAL HEALTH RESEARCH SCAN

VOL 10 (5) MAY 2026

AIR QUALITY • Indoor air • Outdoor air • Radon, Other	**CLIMATE CHANGE** • Extreme weather • Flooding • Sea level rise • Wildfires, Other	**DISEASES, VECTORS, PESTS** • COVID-19 • Animal vectors • Insect vectors • Pests, Other
FOOD • Food safety • Food security • Growing food, Other	**BUILT ENVIRONMENT** • Green& blue spaces • Housing • Noise • Planning & design • Transportation, Other	**PUBLIC HEALTH FUNDAMENTALS** • Communication • Health promotion • Health impact assessment • Health equity • One Health, Other
WATER • Drinking water • Recreational water • Small water systems • Wastewater, Other	**NON-CLIMATE RELATED DISASTERS** • Earthquakes • Marine • Terrestrial, Other	**OTHER TOPICS** • Cannabis products • Tobacco, nicotine products • Ionizing, non-ionizing radiation • Personal services establishments, Other
SPECIFIC POPULATIONS (children, Indigenous Peoples, older adults, other)		

Environmental Health (EH) Research Scan: Aims and Scope
NCCEH's EH Research Scan aims to expand awareness of topics in environmental health, in line with NCCEH's vision to be the indispensable online resource for environmental health practitioners and policy-makers across Canada. This research scan is not peer reviewed; it does not cover all research, news, and information, and NCCEH is not responsible for the accuracy of the content from media or databases. Not all links are open access; some are abstract links where paid journal subscription is required.

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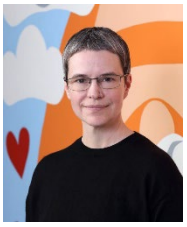
EDITOR PICKS

Wildfire smoke air pollution: new approaches needed to protect people affected [journal article].



Sarah B Henderson, Scientific Director, Environmental Health Services, BCCDC and NCCEH

"So how can people be protected from wildfire smoke? Relying on individual behavioural change is not an equitable approach. Top-down approaches are…" more

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Per- and polyfluoroalkyl substances (PFAS) [subject guide].

National Collaborating Centre for Environmental Health

"…This subject guide provides selected resources that can help Canadian environmental public health professionals to understand the types of health effects caused by PFAS exposure, routes of exposure to PFAS via water, food, or other sources, and current approaches to managing PFAS through regulation, testing, and treatment."

Understanding the right to a healthy environment (R2HE) and its role in research under the Canadian Environmental Protection Act (CEPA) [blog].

Rebecca Goulding, Environmental Health and Knowledge Translation Scientist, NCCEH

"This blog summarizes the recent changes to the Canadian Environmental Protection Act, 1999 (CEPA), which recognizes that every individual in Canada has the right to…"

NCCEH spotlight: The Public Health Agency of Canada's Pan-Canadian Zoonoses Report (2013-2022) [blog].

National Collaborating Centre for Environmental Health

"This report offers environmental public health professionals (EPHPs) an opportunity to better understand the linkages between human disease trends and the vectors, reservoirs, and environmental drivers of disease, including climate change…." more

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NCCEH Spotlight: Webinar recap of "Public health on the pitch - Radiation readiness for the FIFA World Cup" [blog].

Kevin Donak, Medical Resident, BC Centre for Disease Control

"This blog recaps the webinar with Ziad Kazzi and Tristan Barr discussing the public health considerations in radiological and nuclear scenarios, clinical effects of…." more

April research scan [research scan].
National Collaborating Centre for Environmental Health

April e-news. Private wells in a changing climate: Keeping drinking water safe; more
National Collaborating Centre for Environmental Health

ENVIRONMENTAL HEALTH RESEARCH SCAN

SELECTED PUBLICATIONS

1. Alfonso-Parra C. **Mosquito biology and reproduction: Opportunities for vector control [webinar]**. Vancouver, BC: National Collaborating Centre for Environmental Health; 2026 May 5. Available from: https://ncceh.ca/events/upcoming-webinars/mosquito-biology-and-reproduction-opportunities-vector-control-0.
2. Donak K. **NCCEH Spotlight: Webinar recap of "Public health on the pitch - Radiation readiness for the FIFA World Cup" [blog]**. Vancouver, BC: National Collaborating Centre for Environmental Health; 2026 May. Available from: https://ncceh.ca/resources/blog/ncceh-spotlight-webinar-recap-public-health-pitch-radiation-readiness-fifa-world-cup.
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4. Henderson SB. **Wildfire smoke air pollution: new approaches needed to protect people affected**. Can Med Assoc J. 2025;197(17):E483-E4. Available from: http://www.cmaj.ca/content/197/17/E483.full.pdf.
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8. National Collaborating Centre for Environmental Health. **NCCEH spotlight: The Public Health Agency of Canada's Pan-Canadian Zoonoses Report (2013-2022) [blog]**. Vancouver, BC: NCCEH; 2026

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1. AIR QUALITY

INDOOR AIR

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3. WATER

DRINKING WATER

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WASTEWATER, OTHER

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4. CLIMATE CHANGE

EXTREME WEATHER

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