

ENVIRONMENTAL HEALTH RESEARCH SCAN

VOL 10 (8) AUGUST 2026



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

Environmental Health (EH) Research Scan: Aims and Scope

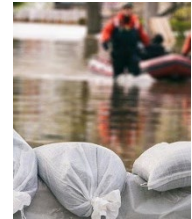
NCCEH's EH Research Scan aims to expand awareness of topics in environmental health, in line with [NCCEH's vision](#) to be the indispensable online resource for environmental health practitioners and policy-makers across Canada. This research scan is not peer reviewed; it does not cover all research, news, and information, and NCCEH is not responsible for the accuracy of the content from media or databases.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.

EDITOR PICKS

Long-term health impacts of evacuations and widening inequities in Canada: an annotated bibliography [evidence brief].

Ryan Huff, Shirley Chen, Juliette O’Keeffe, Sarah B. Henderson

“This annotated bibliography presents the findings of a systematic review of literature reporting on health impacts that extend beyond the early recovery stage for communities that have experienced evacuations due to climate-related events including wildfires, floods, landslides, or major storms.”



New guidance supports safe operation of public cold plunge venues [blog].

Tina Chen, Environmental Health and Knowledge Translation Scientist, NCCEH

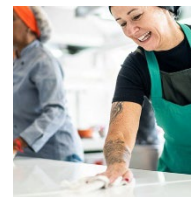
“By bringing together current evidence, operational experience, and public health expertise, this document offers a practical resource for regulators, operators, and environmental public health professionals working to support the safe operation of cold-water venues...” more



Disinfectants and sanitizers for use on food contact surfaces [evidence review].

Tina Chen [with original text by Gaulin C, Lê M-L, Shum M, Fong D.]

“This document reviews Canadian regulations for chemical food contact surface sanitizers and summarizes characteristics such as targeted organisms, concentrations, and factors influencing effectiveness of several common active ingredients that have been approved for disinfecting and sanitizing food contact surfaces.”



Cracking the case: a multi-strain Salmonella outbreak in Canada linked to pistachios and pistachio-containing products [webinar – Aug 27].

Megan Striha

“This presentation will trace the outbreak from its initial detection and source identification through its evolution into a large-scale event involving multiple Salmonella serovars and strains.”



July research scan [research scan].

National Collaborating Centre for Environmental Health



July e-news. Extreme heat risk, preparedness, and response; more.

National Collaborating Centre for Environmental Health



ENVIRONMENTAL HEALTH RESEARCH SCAN

SELECTED PUBLICATIONS

1. Chen T. **New guidance supports safe operation of public cold plunge venues [blog]**. Vancouver, BC: National Collaborating Centre for Environmental Health. 2026 Aug. Available from: <https://ncceh.ca/resources/blog/new-guidance-supports-safe-operation-public-cold-plunge-venues>.
2. Chen T, Gaulin C, Lê M-L, Shum M, Fong D. **Disinfectants and sanitizers for use on food contact surfaces [evidence review]**. Vancouver, BC: National Collaborating Centre for Environmental Health; 2026 Aug. Available from: <https://ncceh.ca/resources/evidence-reviews/disinfectants-and-sanitizers-use-food-contact-surfaces>.
3. Huff R, Chen S, O'Keeffe J, Henderson SB. **Long-term health impacts of evacuations and widening inequities in Canada: An annotated bibliography [evidence brief]**. Vancouver, BC: National Collaborating Centre for Environmental Health; 2026 Aug. Available from: <https://ncceh.ca/resources/evidence-briefs/long-term-health-impacts-evacuations-and-widening-inequities-canada>.
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5. National Collaborating Centre for Environmental Health. **NCCEH eNews (July 2026): Extreme heat risk, preparedness, and response; more**. Vancouver, BC: NCCEH; 2026 Jul. Available from: https://app.cyberimpact.com/newsletter-view-online?ct=qPJE6j_wD8DA5hrQ-JHM1KT0TAQRPMpSy-pHyM3Ucko4TC-ESpvzKFZEsbCunppuWw4wskq7eZGiiNxyFhnatQ~~.
6. Striha M. **Cracking the case: A multi-strain Salmonella outbreak in Canada linked to pistachios and pistachio-containing products [webinar]**. Vancouver, BC: National Collaborating Centre for Environmental Health (NCCEH); 2026 Aug. Available from: <https://ncceh.ca/events/upcoming-webinars/cracking-case-multi-strain-salmonella-outbreak-canada-linked-pistachios>.

1. AIR QUALITY

INDOOR AIR

1. National Environmental Health Association. **Responding to indoor mold concerns: A resource for Environmental Public Health Professionals**. Denver, CO: NEHA; 2026. Available from: <https://pubs.neha.org/indoor-mold-concerns/>.

OUTDOOR AIR

1. Feldscher K. **Analyzing air pollution health, economic risks from AI data centers**. Boston, MA: Harvard T H Chan School of Public Health; 2026 [Apr 8]; Available from: <https://hsph.harvard.edu/news/analyzing-air-pollution-health-economic-risks-from-ai-data-centers/>.
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RADON, OTHER

1. Irwin B, Yao AA, McVea D. **Strengthening radon surveillance in British Columbia: Insights from a qualitative evaluation of the British Columbia Radon Data Repository**. Can Commun Dis Rep. 2026;52-7/8. Available from: <https://www.canada.ca/en/public-health/services/reports-publications/canada-communicable-disease-report-ccdr/monthly-issue/2026-52/issue-7-8-july-august-2026/strengthening-radon-surveillance-british-columbia.html>.

2. FOOD

FOOD SAFETY

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FOOD SECURITY

GROWING FOOD, OTHER

1. Adeyinka GC, Ajibola OO, Mketo N, Thomas R. **Neonicotinoid pesticide residues and heavy metals contents in four major commercial edible mushroom powders: Quality index, human health risk and toxicity studies**. J Food Comp Analysis. 2026;156:109332. Available from: <https://www.sciencedirect.com/science/article/pii/S0889157526004758>.
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3. WATER

DRINKING WATER

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RECREATIONAL WATER

1. Administration Staff. **Keep livestock, pets and people out of lakes with blue-green algae.** Prince George Daily News. 2026 07 18 Jul 18. Available from: <https://pgdailynews.ca/index.php/2026/07/18/keep-livestock-pets-and-people-out-of-lakes-with-blue-green-algae/>.

SMALL WATER SYSTEMS

WASTEWATER, OTHER

1. **How One Manitoba Community Is Using Nature to Manage Stormwater.** International Institute for Sustainable Development; 2026 Jul 7. Available from: <https://www.iisd.org/niws/floating-treatment-wetlands>.
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4. CLIMATE CHANGE

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FLOODING

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SEA LEVEL RISE

WILDFIRES, OTHER

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5. BUILT ENVIRONMENT

GREEN & BLUE SPACES

HOUSING

NOISE

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PLANNING & DESIGN

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TRANSPORTATION, OTHER

1. Canadian Pediatric Surveillance Program. **2025 results**. Ottawa, ON: Canadian Pediatric Society; 2026 Aug. Available from: <https://cpsp.cps.ca/uploads/publications/CPSPResults25.pdf>.

6. NON-CLIMATE RELATED DISASTERS

EARTHQUAKES

MARINE

TERRESTRIAL, EMERGENCIES, OTHER

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