

# ENVIRONMENTAL HEALTH RESEARCH SCAN

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|---|--|---|
| <p><b><u>AIR QUALITY</u></b></p> <ul style="list-style-type: none"> <li>• <a href="#">Indoor air</a></li> <li>• <a href="#">Outdoor air</a></li> <li>• <a href="#">Radon, Other</a></li> </ul>  | <p><b><u>CLIMATE CHANGE</u></b></p> <ul style="list-style-type: none"> <li>• <a href="#">Extreme weather</a></li> <li>• <a href="#">Flooding</a></li> <li>• <a href="#">Sea level rise</a></li> <li>• <a href="#">Wildfires, Other</a></li> </ul>  | <p><b><u>DISEASES, VECTORS, PESTS</u></b></p> <ul style="list-style-type: none"> <li>• <a href="#">COVID-19</a></li> <li>• <a href="#">Animal, Bird vectors</a></li> <li>• <a href="#">Insect vectors</a></li> <li>• <a href="#">Pests, Other</a></li> </ul>  |
| <p><b><u>FOOD</u></b></p> <ul style="list-style-type: none"> <li>• <a href="#">Food safety</a></li> <li>• <a href="#">Food security</a></li> <li>• <a href="#">Growing food, Other</a></li> </ul>   | <p><b><u>BUILT ENVIRONMENT</u></b></p> <ul style="list-style-type: none"> <li>• <a href="#">Green &amp; blue spaces</a></li> <li>• <a href="#">Housing</a></li> <li>• <a href="#">Noise</a></li> <li>• <a href="#">Planning &amp; design</a></li> <li>• <a href="#">Transportation, Other</a></li> </ul> | <p><b><u>PUBLIC HEALTH FUNDAMENTALS</u></b></p> <ul style="list-style-type: none"> <li>• <a href="#">Communication</a></li> <li>• <a href="#">Health promotion</a></li> <li>• <a href="#">Health impact assessment</a></li> <li>• <a href="#">Health equity</a></li> <li>• <a href="#">One Health, Other</a></li> </ul> |
| <p><b><u>WATER</u></b></p> <ul style="list-style-type: none"> <li>• <a href="#">Drinking water</a></li> <li>• <a href="#">Recreational water</a></li> <li>• <a href="#">Small water systems</a></li> <li>• <a href="#">Wastewater, Other</a></li> </ul> | <p><b><u>NON-CLIMATE RELATED DISASTERS</u></b></p> <ul style="list-style-type: none"> <li>• <a href="#">Earthquakes</a></li> <li>• <a href="#">Marine</a></li> <li>• <a href="#">Terrestrial, Other</a></li> </ul>   | <p><b><u>OTHER TOPICS</u></b></p> <ul style="list-style-type: none"> <li>• <a href="#">Cannabis products</a></li> <li>• <a href="#">Tobacco, nicotine products</a></li> <li>• <a href="#">Ionizing, non-ionizing radiation</a></li> <li>• <a href="#">Personal services establishments, Other</a></li> </ul>            |
| <p><b><u>SPECIFIC POPULATIONS</u></b> (<a href="#">children</a>, <a href="#">Indigenous Peoples</a>, <a href="#">older adults</a>, <a href="#">other</a>)</p>   |  |   |

*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

### Ticks in a changing climate [brochure].

National Collaborating Centre for Environmental Health

*“This brochure summarizes how best to design and manage outdoor environments to reduce tick habitat, and outlines steps you should take to reduce the risk of getting bitten by a tick when recreating or working outdoors.”*



### Wildfires and wildfire smoke [subject guide].

National Collaborating Centre for Environmental Health

*“The resources here are intended to assist public health practitioners, decision-makers, and the public by providing guidance regarding public health impacts, community preparedness, risk communication and response to wildfires and wildfire smoke.”*



### Evacuation during wildfires and public health – results from a pilot study and literature review [past webinar] May 9, 2024

Stéphane Perron, Institut national de santé publique du Québec (INSPQ)

*“This webinar recording addresses a study and an in-depth literature review aimed at identifying the most critical moments to minimize health impacts during a wildfire evacuation.”*



### Use of low-cost air quality sensors in childcare and long-term care facilities in BC and impacts of wildfire smoke on indoor air quality [upcoming webinar] June 12, 2024

Eric Coker, BC Centre for Disease Control

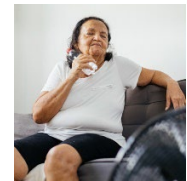
*“The webinar features findings on air quality monitoring, smoke infiltration, exposure modeling, and the protective measures reported by these facilities. Presenters will also explore how this data can enhance public health decision-making and messaging.”*



### A community-based participatory research approach to transforming protection for priority populations from extreme temperatures [upcoming webinar]. May 30, 2024

Liv Yoon, PhD

*“We conducted multilingual interviews and focus groups with adults and seniors who are unhoused or live in low-income housing about their experiences with extreme heat and cold, whether they make use of cooling/warming centres, as well as how to improve or transform these services.”*



### Safety of fermented foods. Assessing risks in fermented food processing practices and advice on how to mitigate them. (Fesikh; Yogurt; Pidan century egg) Lorraine McIntyre (editor) and colleagues



## ENVIRONMENTAL HEALTH RESEARCH SCAN

### SELECTED RESOURCES

1. Coker E. **Use of low-cost air quality sensors in childcare and long-term care facilities in BC and impacts of wildfire smoke on indoor air quality [webinar]**. Vancouver, BC: National Collaborating Centre for Environmental Health; 2024 Jun 12. Available from: <https://ncceh.ca/events/upcoming-webinars/use-low-cost-air-quality-sensors-childcare-and-long-term-care-facilities>.
2. Fischer D. **Environmental journalism: The good, the bad, the future – and why you are essential [webinar]**. Vancouver, BC: National Collaborating Centre for Environmental Health; 2024 Apr 11. Available from: <https://ncceh.ca/events/upcoming-webinars/environmental-journalism-good-bad-future-and-why-you-are-essential>.
3. McIntyre L, Trmčić A, Paphitis K, Parto N, **Fermented Foods working group. Safety of fermented foods. Assessing risks in fermented food processing practices and advice on how to mitigate them. Section 3.6 Yogurt**. Vancouver, BC: British Columbia Centre for Disease Control, Environmental Health Services; 2024 Apr. Available from: <http://www.bccdc.ca/resource-gallery/Documents/Educational%20Materials/EH/FPS/Food/Fermented/Fermented%20Foods%20Guidance%20-%203.6%20Yogurt.pdf>.
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## 1. AIR QUALITY

### INDOOR AIR

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## RADON, OTHER

## 2. FOOD

### FOOD SAFETY

1. McIntyre L, Trmčić A, Paphitis K, Parto N, **Fermented Foods working group. Safety of fermented foods. Assessing risks in fermented food processing practices and advice on how to mitigate them. Section 3.6 Yogurt.** Vancouver, BC: British Columbia Centre for Disease Control, Environmental Health Services; 2024 Apr. Available from: <http://www.bccdc.ca/resource-gallery/Documents/Educational%20Materials/EH/FPS/Food/Fermented/Fermented%20Foods%20Guidance%20-%203.6%20Yogurt.pdf>.
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Environmental Health Services; 2024 Apr. Available from: <http://www.bccdc.ca/resource-gallery/Documents/Educational%20Materials/EH/FPS/Food/Fermented/Fermented%20Foods%20Guidance%20-%203.5%20Fesikh.pdf>.

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## 3. WATER

### DRINKING WATER

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## 4. CLIMATE CHANGE

#### EXTREME WEATHER

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## FLOODING

## SEA LEVEL RISE

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