

# ENVIRONMENTAL HEALTH RESEARCH SCAN

VOL 8 (2) FEBRUARY 2025



<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 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

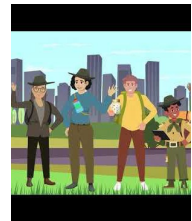
Acknowledging Lydia Ma.  
CIPHI BC Branch

*“The Canadian Institute of Public Health Inspectors (CIPHI) has recognized Lydia Ma for her hard work and dedication as Manager of the National Collaborating Centre for Environmental Health (NCCEH). CIPHI has named Ma an honorary member.” see p 10.*



Getting mosquito monitoring started in your community [video].  
National Collaborating Centre for Environmental Health

*“This video shows how community science initiatives can be carried out by community organizations to contribute to mosquito monitoring efforts....” more*



Fermented foods safety guidance: a new resource for public health practitioners - updated: Kefir (water and milk) [blog].  
National Collaborating Centre for Environmental Health

*“The following chapters are now available: kefir and milk: fermented beverages of Russian origin that use a combined fermentation method with lactic acid bacteria, acetic-acid bacteria, and yeasts.”*



Rat hepatitis E virus isolates cluster among urban Norway rats (*Rattus norvegicus*) across a roadway [journal article].

Anne-Marie Nicol - Risk Assessment, KT/EH Scientist, BCCDC - and colleagues

*“We investigated whether urban Norway rats (*Rattus norvegicus*) could be a source of hepatitis E virus in an underserved urban neighborhood of Vancouver, Canada...”*



Climate data demystified: climate science for public health professionals [webinar]. Feb 27, 2025

Rachel Malena-Chan, Ryan Smith - Outreach Specialists, Can Centre for Climate Services

*“This webinar will demystify essential climate science concepts through a public health lens, with a focus on extreme heat events.”*



January research scan [research scan].

National Collaborating Centre for Environmental Health

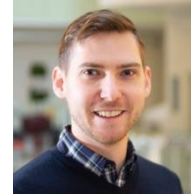
NCCEH eNews (Jan 2025)

## EDITOR PICKS, CONTINUED

A burning reality: managing the health risks of residential wood smoke [blog].

Ryan Huff, Environmental Health and Knowledge Translation Scientist, NCCEH

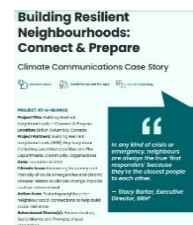
*“This blog provides an overview of the public health risks associated with residential woodsmoke, along with current guidelines, standards, and best practices for operating wood-burning appliances.”*



Building resilient neighbourhoods: connect & prepare: climate communications case story.

ICLEI Canada Local Governments for Sustainability

*“Building Resilient Neighbourhoods’ (BRN) Connect & Prepare is a program that equips neighbours with the relationships, knowledge and tools needed to strengthen their resilience and preparedness to extreme events and other climate emergencies.”*



The co-impacts of climate action in cities.

Stockholm Environment Institute

*“Here we offer an overview of scientific literature exploring the co-impacts of climate action in urban settings, both positive and negative. Our study reveals a predominant focus in the literature on the positive effects of climate action, neglecting potential adverse impacts.”*



Surging seas in a rising world: the latest science on present-day impacts and future projections of sea-level rise.

United Nations

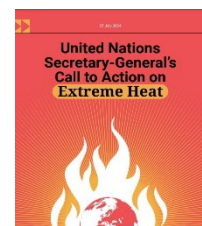
*“This technical brief provides a summary of the latest science on sea level rise and its present-day and projected impacts at a global and regional level, with a focus on major coastal cities in the G20 countries and on the Pacific Small Island Developing States.”*



United Nations Secretary-General’s call to action on extreme heat.

United Nations

*“Everyone is at risk. But extreme heat, like other facets of the climate crisis, does not affect everyone equally...Now is the time to strengthen global action on extreme heat that....” more*



Close to home: how to build more housing in a changing climate.

Canadian Climate Institute

## ENVIRONMENTAL HEALTH RESEARCH SCAN

### SELECTED RESOURCES

1. Blake EM, Byers KA, Lee MJ, Cao J, Layne C, Borlang J, et al. **Rat hepatitis e virus isolates cluster among urban Norway rats (*Rattus norvegicus*) across a roadway.** *J Wildl Dis.* 2025;61(1):192-8, 7. Available from: <https://doi.org/10.7589/JWD-D-24-00052>.
2. CIPHI BC Branch. **Acknowledging Lydia Ma.** Vancouver, BC: BC CIPHI; 2024 Fall. Available from: <https://ciphi.ca/wp-content/uploads/2024/11/BC-Page-Fall-2024.pdf>.
3. Huff R. **A burning reality: Managing the health risks of residential wood smoke [blog].** Vancouver, BC: National Collaborating Centre for Environmental Health; 2025 Feb 27. Available from: <https://ncceh.ca/resources/blog/burning-reality-managing-health-risks-residential-wood-smoke>.
4. James K. **Fermented foods safety guidance: a new resource for public health practitioners - updated: Kefir (water and milk) [blog].** Vancouver, BC: National Collaborating Centre for Environmental Health; 2025 01 31 Jan 31. Available from: <https://ncceh.ca/resources/blog/fermented-foods-safety-guidance-new-resource-public-health-practitioners>.
5. Malena-Chan R, Smith R. **Climate data demystified: climate science for public health professionals [webinar].** Vancouver, BC: National Collaborating Centre for Environmental Health; 2025 Feb 27. Available from: <https://ncceh.ca/events/upcoming-webinars/climate-data-demystified-climate-science-public-health-professionals>.
6. National Collaborating Centre for Environmental Health. **Getting mosquito monitoring started in your community [video].** Vancouver, BC: National Collaborating Centre for Environmental Health (NCCEH); 2025 Feb. Available from: <https://ncceh.ca/resources/videos-tools/getting-mosquito-monitoring-started-your-community>.
7. National Collaborating Centre for Environmental Health. **Jan research scan.** Vancouver, BC: NCCEH; 2025 Jan. Available from: <https://ncceh.ca/sites/default/files/2025-01/NCCEH%20Research%20Scan%20-202501.pdf>.
8. National Collaborating Centre for Environmental Health. **NCCEH eNews (Jan 2025): Community science toolkit for mosquito surveillance; Quick guide: Community science toolkit for mosquito surveillance; Mosquitoes in a changing climate; more...** Vancouver, BC: NCCEH; 2025 Jan. Available from: [https://app.cyberimpact.com/newsletter-view-online?ct=HKDm07eBvbvxbefaAnyM6\\_owzo8ifuPFBWpuF3A7HY\\_991ELVCqOhl\\_nJ8VO7Ms-4LEV7FvhZNBu3d9zA8yLqmGeZom9KoX8U3wjLILGV3qLhybDf-ItY4Bq\\_vkXT](https://app.cyberimpact.com/newsletter-view-online?ct=HKDm07eBvbvxbefaAnyM6_owzo8ifuPFBWpuF3A7HY_991ELVCqOhl_nJ8VO7Ms-4LEV7FvhZNBu3d9zA8yLqmGeZom9KoX8U3wjLILGV3qLhybDf-ItY4Bq_vkXT).
9. Pons W. **Editor's Message.** *Environ Health Rev.* 2024 12 20;67(4):77-. Available from: <https://pubs.ciphi.ca/doi/abs/10.5864/d2024-023>.

## 1. AIR QUALITY

### INDOOR AIR

1. Li T, Katz A, Osei-Twum J-A, James L, Leung V, Bozek P, et al. **Science tells us that portable air filters reduce infection risk. It's time for public health authorities to make this clear.** Journal of Infection and Public Health. 2025;18(3):102650. Available from: <https://doi.org/10.1016/j.jiph.2024.102650>.
2. Salmons-Smith J, Ducci A, Guo L, Torii R, Balachandran R, Houlihan C, et al. **The influence of mechanical ventilation and portable air cleaners upon aerosol spread in a hospital outpatient clinic.** Aerosol Science and Technology. 2025:1-12. Available from: <https://doi.org/10.1080/02786826.2024.2446587>.

### OUTDOOR AIR

1. OpenAQ Team. **Open air data: the global landscape.** Washington, DC: OpenAQ; 2024 Dec. Available from: <https://openaq.org/about/initiatives/publications/>.
2. Pozzer A. **Climate Change and Air Pollution Could Risk 30 Million Lives Annually by 2100.** Mainz, Germany: Max Planck Institute for Chemistry; 2024. Available from: <https://www.mpic.de/5620330/zukuenftige-gefahr-durch-temperaturextreme-und-luftverschmutzung>.
3. Pozzer A, Steffens B, Proestos Y, Sciare J, Akritidis D, Chowdhury S, et al. **Atmospheric health burden across the century and the accelerating impact of temperature compared to pollution.** Nature Communications. 2024;15(1):9379. Available from: <https://doi.org/10.1038/s41467-024-53649-9>.
4. Xu S, Marcon A, Bertelsen RJ, Benediktsdottir B, Brandt J, Frohn LM, et al. **Long-term exposure to air pollution and greenness in association with respiratory emergency room visits and hospitalizations: The Life-GAP project.** Environ Res. 2025;270:120938. Available from: <https://www.sciencedirect.com/science/article/pii/S0013935125001896>.

### RADON, OTHER

## 2. FOOD

### FOOD SAFETY



1. Gammage S, Marangoni AG. **Safety of edible coatings on fruits and vegetables.** Compr Rev Food Sci Food Saf. 2025;24(2):e70108. Available from: <https://doi.org/10.1111/1541-4337.70108>.
2. James K. **Fermented foods safety guidance: a new resource for public health practitioners - updated: Kefir (water and milk) [blog].** Vancouver, BC: National Collaborating Centre for Environmental Health; 2025 Jan 31. Available from: <https://nceh.ca/resources/blog/fermented-foods-safety-guidance-new-resource-public-health-practitioners>.
3. Jankowski WM, Przychodniak D, Gromek W, Majsiak E, Kurowski M. **Edible Insects as an Alternative Source of Nutrients: Benefits, Risks, and the Future of Entomophagy in Europe-A Narrative Review.** Foods (Basel, Switzerland). 2025;14(2). Available from: <https://doi.org/10.3390/foods14020270>.
4. Lai C-C, Wang J-L, Hsueh P-R. **Burkholderia gladioli and bongkreki acid: An under-recognized foodborne poisoning outbreak.** J Infect. 2024;89(1). Available from: <https://doi.org/10.1016/j.jinf.2024.106182>.
5. Subedi D, Dhakal A, Jyoti S, Paudel S, Ranabhat G, Tiwari A, et al. **Zoonotic diseases awareness and food safety practices among livestock farmers in Nepal.** Front Vet Sci. 2024;11:1514953. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/39872611>.
6. Traylor SD, Granek EF, Duncan M, Brander SM. **From the ocean to our kitchen table: anthropogenic particles in the edible tissue of U.S. West Coast seafood species.** Frontiers in Toxicology. 2024;6. Available from: <https://www.frontiersin.org/journals/toxicology/articles/10.3389/ftox.2024.1469995>.
7. US Government Accountability Office. **USDA Should Take Additional Actions to Strengthen Oversight of Meat and Poultry.** US GAO: 2025 Jan. Available from: <https://www.gao.gov/assets/gao-25-107613.pdf>.
8. US Government Accountability Office. **Food Safety: Status of Foodborne Illness in the U.S.** Washington, DC: GAO; 2025. Available from: <https://www.gao.gov/products/gao-25-107606>.
9. Watson GJ, Banfield G, Watson SCL, Beaumont NJ, Hodkin A. **Offshore wind energy: assessing trace element inputs and the risks for co-location of aquaculture.** npj Ocean Sustainability. 2025;4(1):1. Available from: <https://doi.org/10.1038/s44183-024-00101-6>.
10. Zahir A, Ge Z, Khan IA. **Public health risks associated with food process contaminants – a review.** J Food Prot. 2025;88(2):100426. Available from: <https://www.sciencedirect.com/science/article/pii/S0362028X24002102>.

#### FOOD SECURITY

1. Carter NA, Luijk Nv, Dawson J, Parker C, Grey K, Provencher J, et al. **Niqivut (our food)—dimensions of Inuit country food harvesting and significance in Arctic Canada: bountiful, seasonal, “soul food”.** Arctic Science. 2025;11:1-15. Available from: <https://cdnsiencepub.com/doi/abs/10.1139/as-2024-0007>.

#### GROWING FOOD, OTHER

1. INFORMAS Canada. **An in-depth look at Canada's food environments. Results from INFORMAS Canada.** Quebec, QC: Université Laval; 2025. Available from: <https://informascanada.com/2025-report>.

### 3. WATER

#### DRINKING WATER

1. Burnet JB, Demeter K, Dorner S, Farnleitner AH, Hammes F, Pinto AJ, et al. **Automation of on-site microbial water quality monitoring from source to tap: Challenges and perspectives.** Water Res. 2025;274:123121. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/39827517>.
2. Health Canada. **Consultation: Draft Guidelines for Canadian Drinking Water Quality, Trihalomethanes.** Ottawa, ON: Health Canada; 2025 Jan. Available from: <https://www.canada.ca/en/health-canada/programs/consultation-draft-guidelines-canadian-drinking-water-quality-trihalomethanes.html>.
3. Helte E, Söderlund F, Säve-Söderbergh M, Larsson SC, Åkesson A. **Exposure to Drinking Water Trihalomethanes and Risk of Cancer: A Systematic Review of the Epidemiologic Evidence and Dose–Response Meta-Analysis.** Environ Health Perspect. 2025;133(1):016001. Available from: <https://ehp.niehs.nih.gov/doi/abs/10.1289/EHP14505>.

#### RECREATIONAL WATER

1. Chau KNM, Carroll K, Li X-F. **Swimming benefits outweigh risks of exposure to disinfection byproducts in pools.** J Environ Sci. 2025;152:527-34. Available from: <https://doi.org/10.1016/j.jes.2024.05.040>.

#### SMALL WATER SYSTEMS

1. Chalmers E, Duncan C, Gora S. **Development of water safety risk matrices to improve water safety in Arctic drinking water systems in Nunavut, Canada.** Int J Circumpolar Health. 2025;84(1):2450877. Available from: <https://doi.org/10.1080/22423982.2025.2450877>.

#### WASTEWATER, OTHER

## 4. CLIMATE CHANGE

### EXTREME WEATHER

1. Adaptation Scotland. **Public sector climate adaptation capability framework**. Scotland: Adaptation Scotland; 2025 Jan. Available from: <https://adaptation.scot/app/uploads/2025/01/v6-6125-sniffer-psg-handbook.pdf>.
2. Ashbaugh M, Kittner N. **Addressing extreme urban heat and energy vulnerability of renters in Portland, OR with resilient household energy policies**. Energy Policy. 2024;190:114143. Available from: <https://www.sciencedirect.com/science/article/pii/S0301421524001630>.
3. Dossier H, Velletta J, Merryfield B, Lee W, Racine J. **2025 forecasted to rival 2024 for record-breaking heat**. Victoria, BC: Canadian Centre for Climate Modelling and Analysis, University of Victoria; 2025 Jan. Available from: <https://climatedata.ca/2025-forecasted-to-rival-2024-for-record-breaking-heat/>.
4. India Ministry of Housing and Urban Affairs. **Pathways for mainstreaming urban climate actions. Discussion paper**. New Delhi: Government of India; 2025 Jan. Available from: <https://smartcities.gov.in/sites/default/files/2025-01/Pathways%20for%20Mainstreaming%20Urban%20Climate%20Actions.pdf>.
5. International Joint Commission. **Sharing Knowledge and Practices to Inspire Action Climate Change Workshop. October 22, 2024 – Summary**. Ottawa, ON: International Joint Commission; 2025. Available from: <https://www.ijc.org/sites/default/files/IJC%20-%20Climate%20Change%20Workshop%20-%20Key%20Messages%20-%20October%202024%20-%20PDF.pdf>.
6. Liu J, Kim H, Hashizume M, Lee W, Honda Y, Kim SE, et al. **Nonlinear exposure-response associations of daytime, nighttime, and day-night compound heatwaves with mortality amid climate change**. Nature communications. 2025;16(1):635. Available from: <https://www.nature.com/articles/s41467-025-56067-7>.
7. Malena-Chan R, Smith R. **Climate data demystified: Climate science for public health professionals [webinar]**. Vancouver, BC: National Collaborating Centre for Environmental Health; 2025 02 27 Feb 27. Available from: <https://ncceh.ca/events/upcoming-webinars/climate-data-demystified-climate-science-public-health-professionals>.
8. Masselot P, Mistry MN, Rao S, Huber V, Monteiro A, Samoli E, et al. **Estimating future heat-related and cold-related mortality under climate change, demographic and adaptation scenarios in 854 European cities**. Nat Med. 2025. Available from: <https://doi.org/10.1038/s41591-024-03452-2>.
9. McIntyre A, Heidari L, Hagen M, Bongiovanni R, Bowman BN, Fabian P, et al. **Extreme Heat and Air Quality: Community Leader Perspectives on Information Barriers and Opportunities in Two Environmental Justice Communities**. New solutions : a journal of environmental and



- occupational health policy : NS. 2025;34(4):256-67. Available from:  
<https://doi.org/10.1177/10482911241290557>.
10. Ontario Resource Centre for Climate Adaptation. **Heat Risk and Vulnerability Mapping: Project Summary, Guiding Principles and Data Considerations**. St Catharines, ON: Ontario Resource Centre for Climate Adaptation - 2024 ORCCA Staff Capacity Program; 2025. Available from:  
[https://media2-production.mightynetworks.com/asset/4c4dd3c4-092c-4400-a3cf-6de8349d2392/4\\_ORCCA\\_StC\\_Shareable\\_Summary-compressed.pdf#\\_gl=1\\*leci0e\\*\\_ga\\*MTkzNTU1OTY5Ni4xNzE3NDQ0NzEz\\*\\_ga\\_T49FMYQ9FZ\\*MTczODYyOTQxOS4yNy4xLjE3Mzg2Mjk0NzluMC4wLjA.\\*\\_ga\\_NEGJ2SXNP7\\*MTczODYyOTQxOS4yNy4xLjE3Mzg2Mjk0NzluNy4wLjA](https://media2-production.mightynetworks.com/asset/4c4dd3c4-092c-4400-a3cf-6de8349d2392/4_ORCCA_StC_Shareable_Summary-compressed.pdf#_gl=1*leci0e*_ga*MTkzNTU1OTY5Ni4xNzE3NDQ0NzEz*_ga_T49FMYQ9FZ*MTczODYyOTQxOS4yNy4xLjE3Mzg2Mjk0NzluMC4wLjA.*_ga_NEGJ2SXNP7*MTczODYyOTQxOS4yNy4xLjE3Mzg2Mjk0NzluNy4wLjA).
  11. Ranger N, Weidinger M, Bernhofen M, Burke M, Lambin R, Puranasamriddhi A, et al. **Enabling Adaptation. Sustainable Fiscal Policies for Climate Resilient Development and Infrastructure**. Oxford, UK: Environmental Change Institute, University of Oxford and Green Fiscal Policy Network; 2025. Available from: <https://www.eci.ox.ac.uk/sites/default/files/2025-01/UNEP%20Enabling%20Adaptation%20Report%20%282025%29.pdf>.
  12. Rhodes C. **New Report Highlights Detrimental Impact of Climate Change on Human Health**. 2025 [Jan 23]; Available from: <https://earth.org/new-report-highlights-detrimental-impact-of-climate-change-on-human-health/>.
  13. Swirski A, Zupancic T. **Climate change and health in Durham Region 2025. Assessing the impact of solar ultraviolet radiation**. ON: Durham Health; 2025 Jan. Available from:  
<https://www.durham.ca/en/health-and-wellness/resources/Documents/CCVA/CCHVA-Solar-UVR-VA.pdf>.
  14. Tsakonas K, Badyal S, Takaro T, Buse CG. **Rapid review of the impacts of climate change on the health system workforce and implications for action**. The Journal of Climate Change and Health. 2024;19:100337. Available from:  
<https://www.sciencedirect.com/science/article/pii/S2667278224000403>.
  15. United Nations. **United Nations Secretary-General's Call to Action on Extreme Heat**. New York, NY: UN; 2024 Jul 25. Available from:  
[https://www.un.org/sites/un2.un.org/files/unsg\\_call\\_to\\_action\\_on\\_extreme\\_heat\\_for\\_release.pdf](https://www.un.org/sites/un2.un.org/files/unsg_call_to_action_on_extreme_heat_for_release.pdf).
  16. World Meteorological Organization. **State of the Climate 2024 Update for COP29**. Geneva, Switzerland: WMO; 2024 Nov. Available from:  
[https://library.wmo.int/viewer/69075/download?file=State-Climate-2024-Update-COP29\\_en.pdf&type=pdf&navigator=1](https://library.wmo.int/viewer/69075/download?file=State-Climate-2024-Update-COP29_en.pdf&type=pdf&navigator=1).
  17. Yoon L, Belotti G, Stern R, White K, Mohajeri A, Zhou A, et al. **To cool or not to cool: understanding and improving cooling centre use in metro Vancouver through community-based participatory action research**. Environmental Research: Health. 2025;3(1):015011. Available from:  
<https://dx.doi.org/10.1088/2752-5309/ada6f4>.

FLOODING

1. Foran H, Sinha M, Pinault L. **The intersection of flooding and deprivation: A study of neighbourhoods**. Ottawa, ON: Statistics Canada; 2025 Jan 29. Available from: <https://www150.statcan.gc.ca/n1/pub/75-006-x/2025002/article/00001-eng.htm>.
2. Raker EJ, Zhang X. **Person-Days Under Emergency Order: A Research Brief on Wildfire and Flood Evacuation Mandates in British Columbia**. Population Research & Policy Review. 2025;44(1):1-13. Available from: <http://dx.doi.org/10.1007/s11113-025-09942-6>.

#### SEA LEVEL RISE

1. United Nations. **Surging seas in a rising world: The latest science on present-day impacts and future projections of sea-level rise**. New York, NY: UN; 2024 Aug. Available from: [https://www.un.org/sites/un2.un.org/files/slr\\_technical\\_brief\\_26\\_aug\\_2024.pdf](https://www.un.org/sites/un2.un.org/files/slr_technical_brief_26_aug_2024.pdf).

#### WILDFIRES, OTHER

1. Bruce ED, Folorunsho A, Jaisawal N, Gaw E, Li Y. **Intra-Continental Transport of Western Wildfire Smoke Heightens Health Risks Across North America**. Int J Environ Res Public Health. 2025;22(2):226. Available from: <https://www.mdpi.com/1660-4601/22/2/226>.
2. Campbell SL, Wormworth J, Green D, Goodman N, Vardoulakis S, Johnston FH, et al. **Community cleaner air spaces during landscape fire events: What do we know?** Aust N Z J Public Health. 2025;49(1):100222. Available from: <https://www.sciencedirect.com/science/article/pii/S1326020025000032>.
3. Canadian Space Agency. **Monitoring and managing wildfires in Canada: next steps for the WildFireSat mission**. Ottawa, ON: Government of Canada; 2025 Feb 5. Available from: <https://www.canada.ca/en/space-agency/news/2025/02/monitoring-and-managing-wildfires-in-canada-next-steps-for-the-wildfiresat-mission.html>.
4. Chan I, Schneider SR, Cheng A, Styler SA. **Wildfire Smoke Contributions to Polycyclic Aromatic Hydrocarbon Loadings in Western Canadian Urban Surface Grime**. Environ Sci Technol. 2025. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/39882794>.
5. Cohen F, Heckel B, Taylor S, Abbott E, Zebrowski A, Friedman BW. **When smoke clouds the mind: Exploring the headache consequences of the 2023 Canadian wildfires**. Headache: The Journal of Head and Face Pain. 2025;65(2):338-41. Available from: <https://headachejournal.onlinelibrary.wiley.com/doi/abs/10.1111/head.14908>.
6. Edgeley CM, Burnett JT. **Understanding rural adaptation to smoke from wildfires and forest management: insights for aligning approaches with community contexts**. Int J Wildland Fire. 2025;34(1):- . Available from: <https://www.publish.csiro.au/paper/WF24016>.
7. Ermagun A, Thompson D, Vahedifard F, Silver RC. **Emergency managers' challenges with wildfires and related cascading hazards in California**. J Environ Manage. 2025;374:124008. Available from: <https://doi.org/10.1016/j.jenvman.2024.124008>.

8. Huff R. **A burning reality: Managing the health risks of residential wood smoke [blog]**. Vancouver, BC: National Collaborating Centre for Environmental Health; 2025 Feb 27. Available from: <https://ncceh.ca/resources/blog/burning-reality-managing-health-risks-residential-wood-smoke>.
9. Krasovich Southworth E, Qiu M, Gould CF, Kawano A, Wen J, Heft-Neal S, et al. **The Influence of Wildfire Smoke on Ambient PM<sub>2.5</sub> Chemical Species Concentrations in the Contiguous US**. Environ Sci Tech. 2025. Available from: <https://doi.org/10.1021/acs.est.4c09011>.
10. Krupnick A, Richardson N, Wibbenmeyer M, Zhu Y. **Wildfire Smoke, the Clean Air Act, and the Exceptional Events Rule: Implications and Policy Alternatives**. Environ Sci Technol. 2025. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/39903938>.
11. Ma Y, Zang E, Liu Y, Wei J, Lu Y, Krumholz HM, et al. **Long-term exposure to wildland fire smoke PM<sub>2.5</sub> and mortality in the contiguous United States**. Proceedings of the National Academy of Sciences of the United States of America. 2024;121(40):e2403960121. Available from: <https://doi.org/10.1073/pnas.2403960121>.
12. Naser MZ, Kodur V. **Vulnerability of structures and infrastructure to wildfires: A perspective into assessment and mitigation strategies**. Geneva, Switzerland: UNDRR; 2025 Feb 17. Available from: <https://www.preventionweb.net/publication/vulnerability-structures-and-infrastructure-wildfires-perspective-assessment-and>.
13. National Interagency Fire Center, Natural Resources Canada, Servicio Meteorológico Nacional. **North American Seasonal Fire Assessment and Outlook**. ON: National Interagency Fire Center; Natural Resources Canada; Servicio Meteorológico Nacional; 2025 Feb 14. Available from: [https://www.nifc.gov/nicc-files/predictive/outlooks/NA\\_Outlook.pdf](https://www.nifc.gov/nicc-files/predictive/outlooks/NA_Outlook.pdf).
14. Newman Thacker FE, Uyttewaal K, Quinones T, Leemans R, Hannah B, Stoof CR. **In this current wildfire crisis, acknowledge widespread suffering**. Ambio. 2025. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/39873895>.
15. Pelai R, Ness R. **From L.A. to Jasper: How Canada can be better prepared for wildfires**. Ottawa, ON: Canadian Climate Institute; 2025 Jan 25. Available from: <https://climateinstitute.ca/jasper-los-angeles-wildfires-preparation-canada/>.
16. Schammel MH, Gold SJ, McCurry DL. **Metals in Wildfire Suppressants**. Environ Sci Technol Lett. 2024;11(11):1247-53. Available from: <https://doi.org/10.1021/acs.estlett.4c00727>.
17. Washington State Patrol State Fire Marshal's Office. **Electric vehicle fire study**. Olympia, WA: Washington State Patrol State Fire Marshal's Office; 2025 Jan. Available from: [https://wsp.wa.gov/wp-content/uploads/2025/01/Electric-Vehicle-Fires-Study\\_SSB-5812.pdf](https://wsp.wa.gov/wp-content/uploads/2025/01/Electric-Vehicle-Fires-Study_SSB-5812.pdf).

## 5. BUILT ENVIRONMENT

### GREEN & BLUE SPACES

1. Doan N, Srugo SA, Prince SA, Colley RC, Rainham DG, Manyanga T, et al. **Independent and joint associations of neighbourhood greenness and walkability with transportation and**

- recreational physical activity among youth and adults in Canada.** *Prev Med Rep.* 2025;50:102974. Available from: <https://doi.org/10.1016/j.pmedr.2025.102974>.
2. Furjes-Crawshaw J, Heke I, Jowett T, Rehner NJ. **The Physical Activity Environment, Nature-Relatedness and Wellbeing.** *Int J Environ Res Public Health.* 2025;22(2):299. Available from: <https://www.mdpi.com/1660-4601/22/2/299>.
  3. Zhao T, Heinrich J, Brauer M, Fulman N, Idroso NS, Baumbach C, et al. **Urban greenspace under a changing climate: Benefit or harm for allergies and respiratory health?** *Environmental Epidemiology.* 2025;9(2). Available from: [https://journals.lww.com/enviroepidem/fulltext/2025/04000/urban\\_greenspace\\_under\\_a\\_changing\\_climate\\_benefit.3.aspx](https://journals.lww.com/enviroepidem/fulltext/2025/04000/urban_greenspace_under_a_changing_climate_benefit.3.aspx).

#### HOUSING

1. Bryant T. **Health implications of housing.** In: Raphael D, editor. *Social Determinants of Health, Fourth Edition: Canadian Perspectives.* Toronto, ON: Canadian Scholars; 2025. Available from: <https://canadianscholars.ca/book/social-determinants-of-health-fourth-edition/>.
2. Canadian Board for Harmonized Construction Codes. **Public review of proposed change to the 2020 National Model Codes.** Ottawa, ON: CBHCC; 2025. Available from: <https://cbhcc-cchcc.ca/en/public-review-of-proposed-change-to-the-2020-national-model-codes/>.
3. Canadian Climate Institute. **Close to home: How to build more housing in a changing climate.** Ottawa, ON: Canadian Climate Institute; 2025 Feb. Available from: <https://climateinstitute.ca/reports/close-to-home/>.
4. Cartwright A, Khalatbari-Soltani S, Zhang Y. **Housing conditions and the health and wellbeing impacts of climate change: A scoping review.** *Environ Res.* 2025;270:120846. Available from: <https://www.sciencedirect.com/science/article/pii/S0013935125000970>.

#### NOISE

#### PLANNING & DESIGN

1. Geropanta V, Porreca R. **The Concept of Proximity in Post-pandemic Architectural Thinking: 15-Minute City and Superblocks.** In: Manahasa E, Naselli F, Yunitsyna A, editors. *COVID-19 (Forced) Innovations: Pandemic Impacts on Architecture and Urbanism.* Cham: Springer Nature Switzerland; 2024. p. 23-37. Available from: [https://doi.org/10.1007/978-3-031-56607-3\\_3](https://doi.org/10.1007/978-3-031-56607-3_3).
2. Jokiahio J, Vanhuysse F. **The co-impacts of climate action in cities.** Stockholm, Sweden: Stockholm Environment Institute; 2025 Jan 30. Available from: <https://www.sei.org/wp-content/uploads/2025/01/co-impacts-climate-action-cities-sei2025-001.pdf>.

3. Sadroddin M, Amirhosein R. **The Role of Smart Cities in Promoting Citizens' Health: A Review Article**. *The New Approaches in Humanity*. 2023;1(3):1-18. Available from: <https://www.magiran.com/paper/2814329>.
4. Woodward A, Wild K. **Street Trees and Public Health**. *Am J Public Health*. 2025;115(2):119-20. Available from: <https://ajph.aphapublications.org/doi/10.2105/AJPH.2024.307931>.
5. Zhou S, Xu Z, Huang W, Wu Y, Xu R, Yang Z, et al. **Identifying the healthy places to live in Australia with a new environmental quality health index**. *Environ Int*. 2025;195:109268. Available from: <https://www.sciencedirect.com/science/article/pii/S0160412025000194>.

#### TRANSPORTATION, OTHER

1. Litman T. **Urban Village Planning for Community Livability. Guidance for Creating Complete Walkable Neighborhoods to Maximize Health, Wealth and Happiness**. Victoria, BC: Victoria Transport Policy Institute; 2025 Jan 31. Available from: <https://vtpi.org/uvp.pdf>.

## 6. NON-CLIMATE RELATED DISASTERS

#### EARTHQUAKES

#### MARINE

#### TERRESTRIAL, OTHER

1. United Nations Convention to Combat Desertification. **Stepping back from the precipice: Transforming land management to stay within planetary boundaries**. New York, NY: UN; 2024. Available from: <https://www.unccd.int/resources/reports/stepping-back-precipice-transforming-land-management-stay-within-planetary>.

## 7. DISEASES, VECTORS, PESTS

#### COVID-19

1. Min G, Shin J, Kim D, Choe Y, Woo J, Choi KY, et al. **Potential health risks to disinfection workers from exposure to active substances in COVID-19 biocidal products**. *Heliyon*. 2024;10(7). Available from: <https://doi.org/10.1016/j.heliyon.2024.e28249>.



#### ANIMAL VECTORS

1. Blake EM, Byers KA, Lee MJ, Cao J, Layne C, Borlang J, et al. **Rat hepatitis e virus isolates cluster among urban Norway rats (*Rattus norvegicus*) across a roadway.** *J Wildl Dis.* 2025;61(1):192-8, 7. Available from: <https://doi.org/10.7589/JWD-D-24-00052>.
2. British Columbia Centre for Disease Control. **New research prepares for future threat of avian influenza.** Vancouver, BC: BCCDC; 2025 Feb 19. Available from: <http://www.bccdc.ca/about/news-stories/stories/2025/research-avian-influenza>.
3. Health Canada. **Summary of NACI statement of February 19, 2025: Rapid response on preliminary guidance on human vaccination against avian influenza in a non-pandemic context as of December 2024.** Ottawa, ON: Government of Canada; 2025 Feb 19. Available from: <https://www.canada.ca/en/public-health/services/publications/vaccines-immunization/national-advisory-committee-immunization-summary-rapid-response-preliminary-guidance-human-vaccination-avian-influenza-non-pandemic-december-2024.html>.
4. Schafers J, Warren CJ, Yang J, Zhang J, Cole SJ, Cooper J, et al. **Pasteurisation temperatures effectively inactivate influenza A viruses in milk.** *Nature communications.* 2025;16(1):1173. Available from: <https://www.nature.com/articles/s41467-025-56406-8>.
5. Schnirring L. **UK reports H5N1 in a poultry worker.** Minneapolis, MN: University of Minnesota, Center for Infectious Disease Research & Policy (CIDRAP); 2024 Jan 27. Available from: <https://www.cidrap.umn.edu/avian-influenza-bird-flu/uk-reports-h5n1-poultry-worker>.
6. Wallace HL. **The True Extent of Avian Influenza Virus Infections: Knowns and Unknowns.** *Viral immunology.* 2025. Available from: <https://doi.org/10.1089/vim.2025.0014>.
7. Wallace HL, Wight J, Baz M, Dowding B, Flamand L, Hobman T, et al. **Longitudinal screening of retail milk from Canadian provinces reveals no detections of influenza A virus RNA (April-July 2024): leveraging a newly established pan-Canadian network for responding to emerging viruses.** *Can J Microbiol.* 2025;71:1-7. Available from: <https://doi.org/10.1139/cjm-2024-0120>.

#### INSECT VECTORS

1. Barberstock RK. **Ticks as Environmental Indicators: Learning from Wildlife Movement and Traditional Knowledge.** 2024 [Dec 15]; Available from: <https://indigenousclimatehub.ca/2024/12/ticks-as-environmental-indicators-learning-from-wildlife-movement-and-traditional-knowledge/>.
2. Benavente R, Brydon F, Bravo-Risi F, Soto P, Reed JH, Lockwood M, et al. **Detection of Chronic Wasting Disease Prions in Raw, Processed, and Cooked Elk Meat, Texas, USA.** *Emerging Infect Dis.* 2025;31(2). Available from: [https://wwwnc.cdc.gov/eid/article/31/2/24-0906\\_article](https://wwwnc.cdc.gov/eid/article/31/2/24-0906_article).
3. Makwarela TG, Seoraj-Pillai N, Nangammbi TC. **Tick Control Strategies: Critical Insights into Chemical, Biological, Physical, and Integrated Approaches for Effective Hard Tick Management.** *Veterinary Sciences.* 2025;12(2):114. Available from: <https://www.mdpi.com/2306-7381/12/2/114>.

4. Torres P, Pienaar EF, Ritchie MA, Gabriel MW, Yabsley MJ. **Knowledge, attitudes, and practices of Native Americans in northern California regarding ticks and tick-borne diseases.** *One Health.* 2025;20:100976. Available from: <https://www.sciencedirect.com/science/article/pii/S2352771425000126>.
5. World Health Organization. **Effectiveness of disinsection of conveyances to prevent or reduce the spread of mosquito vectors via international travel: evidence review.** Geneva, Switzerland: World Health Organization; 2024 Dec. Available from: <https://www.who.int/publications/i/item/B09173>.

#### PESTS, OTHER

1. Burns JE, Mhapankar G, Kilabuk E, Penner J. **Zoonotic infections of the Canadian Arctic.** *Can Med Assoc J.* 2025;197(2):E34-E43. Available from: <https://www.cmaj.ca/content/cmaj/197/2/E34.full.pdf>.

## 8. PUBLIC HEALTH FUNDAMENTALS

#### COMMUNICATION

1. Berry J, Nadeau K, Glaser J, Saito K, Alahmad B. **Improved Public Health Messaging on Exertional Heat Stroke.** *J Occup Environ Med.* 2024;66(11):e628-e9. Available from: <https://doi.org/10.1097/jom.00000000000003206>.
2. ICLEI Canada Local Governments for Sustainability. **Building Resilient Neighbourhoods: Connect & Prepare: Climate Communications Case Story.** Toronto, ON: ICLEI Canada; 2025. Available from: <https://icleicanada.org/wp-content/uploads/2025/01/ICLEI-Canada-2025-Climate-Communications-Case-Story-Building-Resilient-Neighbourhoods.pdf>.
3. Norman MLP, Bao JA, Kurniasari T, Skurka C. **Posting environmental risk: Communicating with numerical and nonnumerical messaging across information modalities.** *Risk analysis* : an official publication of the Society for Risk Analysis. 2025. Available from: <https://doi.org/10.1111/risa.17709>.
4. Oberai M, Baker S, Bach AJE, Forbes C, Jackman E, Binnewies S, et al. **Towards Improvement of Heatwave Warnings for Older Adults: The Case of Queensland Australia.** *Journal of Primary Care & Community Health.* 2024;1-12. Available from: <https://doi.org/10.1177/21501319241286584>.
5. Tetzlaff E. **Heat-Health Communication in Canada: Identifying Opportunities to Refine Existing Messaging and Dissemination Strategies to Protect Canadians from Extreme Heat.** Ottawa, ON: University of Ottawa; 2025. Available from: <https://ruor.uottawa.ca/items/da4798ce-137a-4bbf-b315-0c05c9889c8b>.

6. Tetzlaff EJ, Janetos K-MT, Wagar KE, Mourad F, Gorman M, Gallant V, et al. **Assessing the language availability, readability, suitability and comprehensibility of heat-health messaging content on health authority webpages and online resources in Canada.** *PEC innovation.* 2024;6:100368. Available from: <https://doi.org/10.1016/j.pecinn.2024.100368>.

#### HEALTH PROMOTION

1. Guo Y, Monash University News Staff. **New measure identifies Australia's healthiest places to live.** Melbourne, Victoria: Monash University; 2025 Feb 7. Available from: <https://www.monash.edu/medicine/news/latest/2025-articles/new-measure-identifies-australias-healthiest-places-to-live>.

#### HEALTH IMPACT ASSESSMENT

1. Bhuller Y, Bancroft X, Deonandan R, Grudniewicz A, Wiles A, Krewski D. **Key attributes of health and environmental risk decision-making: A scoping review.** *Risk Anal.* 2025. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/39894676>.

#### HEALTH EQUITY

1. Amri M, O'Campo P, Enright T, Siddiqi A, Di Ruggiero E, Bump JB. **Assessing health equity inconsistencies in the World Health Organization's Urban HEART initiative: findings from key informant interviews.** *BMC Public Health.* 2025;25(1):609. Available from: <https://doi.org/10.1186/s12889-025-21786-5>.
2. Lee E-Y, Khan A, Vanderloo LM, Ferguson LJ, O'Reilly N, Rhodes RE, et al. **Are Experiences of Discrimination Associated With Views of Physical Activity and Climate Policy Support in Canada?** *J Phys Act Health.* 2025;22(2):252-61. Available from: <https://doi.org/10.1123/jpah.2024-0367>.
3. Mahmoudi H, Seaman K. **Global Climate Crisis: Seeking Environmental Justice and Climate Equality.** Cheltenham, UK: Edward Elgar Publishing; 2025. Available from: <https://www.elgaronline.com/view/book/9781035308880/9781035308880.xml>.
4. Marko JGO, Neagu CD, Anand PB. **Examining inclusivity: the use of AI and diverse populations in health and social care: a systematic review.** *BMC Med Inform Decis Mak.* 2025;25(1):57. Available from: <https://doi.org/10.1186/s12911-025-02884-1>.
5. Zhao Q, Winters M, Nelson T, Laberee K, Ferster C, Manaugh K. **Who has access to cycling infrastructure in Canada? A social equity analysis.** *Computers, Environment and Urban Systems.* 2024;110:102109. Available from: <https://www.sciencedirect.com/science/article/pii/S0198971524000383>.

## ONE HEALTH, OTHER

1. Beltramo B, Kolluru S, Slager L, Wall L, Ostwald K, Rasali D. **Comparative Analysis of One Health Policies in Asia for Exploring Opportunities for British Columbia in Canada.** Int J Environ Res Public Health. 2025;22(1):34. Available from: <https://www.mdpi.com/1660-4601/22/1/34>.

## 9. OTHER TOPICS

### CANNABIS PRODUCTS

#### TOBACCO, NICOTINE PRODUCTS

1. Cosin-Tomas M, Hoang T, Qi C, Monasso GS, Langdon R, Kebede Merid S, et al. **Association of exposure to second-hand smoke during childhood with blood DNA methylation.** Environ Int. 2025;195:109204. Available from: <https://www.sciencedirect.com/science/article/pii/S0160412024007918>.
2. Coyle D. **Implementing a smoke-free generation policy for Canada: estimates of the long-term impacts.** Health Promot Chronic Dis Prev Can. 2025;45(1):39-53. Available from: <https://doi.org/10.24095/hpcdp.45.1.03>.
3. Kassem NOF, Strongin RM, Stroup AM, Brinkman MC, El-Hellani A, Erythropel HC, et al. **Toxicity of waterpipe tobacco smoking: the role of flavors, sweeteners, humectants, and charcoal.** Toxicological sciences : an official journal of the Society of Toxicology. 2024;201(2):159-73. Available from: <https://doi.org/10.1093/toxsci/kfae095>.

#### IONIZING, NON-IONIZING RADIATION

#### PERSONAL SERVICES ESTABLISHMENTS, OTHER (AI, microplastics, etc)

1. Bazzano AN, Mantsios A, Mattei N, Kosorok MR, Culotta A. **AI Can Be a Powerful Social Innovation for Public Health if Community Engagement Is at the Core.** J Med Internet Res. 2025;27:e68198. Available from: <https://doi.org/10.2196/68198>.
2. Ghanem S, Gravesande D, Rooney J. **Integrating Health Equity in Artificial Intelligence for Public Health in Canada: A Rapid Narrative Review.** Front Public Health. 2025;25. Available from: <https://www.frontiersin.org/journals/public-health/articles/10.3389/fpubh.2025.1524616/abstract>.
3. Mitchell WG, Wawira JG, Celi LA. **Rebooting artificial intelligence for health.** PLOS Global Public Health. 2025;5(1):e0004171. Available from: <https://doi.org/10.1371/journal.pgph.0004171>.

4. Nihart AJ, Garcia MA, El Hayek E, Liu R, Olewine M, Kingston JD, et al. **Bioaccumulation of microplastics in decedent human brains.** *Nat Med.* 2025. Available from: <https://doi.org/10.1038/s41591-024-03453-1>.

## 10. SPECIFIC POPULATIONS

### CHILDREN

1. Ames JL, Sharma V, Lyall K. **Effects of Early-life PFAS Exposure on Child Neurodevelopment: A Review of the Evidence and Research gaps.** *Curr Environ Health Rep.* 2025;12(1):9. Available from: <https://doi.org/10.1007/s40572-024-00464-5>.
2. Gujral H, Franklin M, Easterbrook S. **Emerging evidence for the impact of Electric Vehicle sales on childhood asthma: Can ZEV mandates help?** *Environ Res.* 2025;270:120845. Available from: <https://www.sciencedirect.com/science/article/pii/S0013935125000969>.
3. World Health Organization. Regional Office for E. **Policy brief on the association between sugar-sweetened beverage consumption and childhood overweight and obesity.** World Health Organization; 2024 Dec 30. Available from: <https://policycommons.net/artifacts/17952634/policy-brief-on-the-association-between-sugar-sweetened-beverage-consumption-and-childhood-overweight-and-obesity/>.

### INDIGENOUS PEOPLES

1. Abdul M, Ingabire A, Lam CYN, Bennett B, Menzel K, MacKenzie-Shalders K, et al. **Indigenous food sovereignty assessment—A systematic literature review.** *Nutr Diet.* 2024;81(1):12-27. Available from: <https://onlinelibrary.wiley.com/doi/abs/10.1111/1747-0080.12813>.
2. Agudelo-Hernández F, Coral-Vela LP, Pabuena LH, Ruiz P, Rosas C, González-Abril K. **Components of risk communication in mental health and suicide in Indigenous peoples: A scoping review.** *Mental Health & Prevention.* 2025;37:200380. Available from: <https://www.sciencedirect.com/science/article/pii/S221265702400062X>.
3. Assuah A. **An Indigenous learning approach to managing solid waste in First Nations in Canada.** *AlterNative: An International Journal of Indigenous Peoples.* 2025:11771801241312429. Available from: <https://journals.sagepub.com/doi/abs/10.1177/11771801241312429>.
4. Ford J, Waters S. **Samqwan—Water: Revitalizing our relationship through Indigenous co-governance.** *PLOS Water.* 2025;4(2):e0000346. Available from: <https://doi.org/10.1371/journal.pwat.0000346>.
5. Kolahdooz F, Jang SL, Deck S, Ilkiw D, Omoro G, Rautio A, et al. **A Scoping Review of the Current Knowledge of the Social Determinants of Health and Infectious Diseases (Specifically COVID-19, Tuberculosis, and H1N1 Influenza) in Canadian Arctic Indigenous Communities.** *Int J Environ Res Public Health.* 2024;22(1). Available from: <https://www.ncbi.nlm.nih.gov/pubmed/39857454>.



6. Lopes CVA, de Sousa Alves Neri JL, Hunter J, Ronto R, Mhrshahi S. **Interventions and Programs Using Native Foods to Promote Health: A Scoping Review**. *Nutrients*. 2024;16(23):4222. Available from: <https://www.mdpi.com/2072-6643/16/23/4222>.
7. McMullin DR, Kirkland AK, Rehman I, Kovesi T, Mallach G, Miller JD. **Polycyclic aromatic hydrocarbons from environmental tobacco smoke and wood stoves dominate in settled house dust from Northwestern Ontario First Nations communities**. *Int J Circumpolar Health*. 2025;84(1):2457786. Available from: <https://doi.org/10.1080/22423982.2025.2457786>.
8. Robin T, Hart M. **Cree Food Knowledge and Being Well**. *Int J Environ Res Public Health*. 2025;22(2):181. Available from: <https://www.mdpi.com/1660-4601/22/2/181>.

#### OLDER ADULTS

1. Katz GM, Arigoni D, Rice MB, Stall NM. **Addressing the Health Impacts of Climate Change in Older Adults**. *JAMA Intern Med*. 2025. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/39899284>.

---

For more on environmental health information and evidence, visit [NCCCH.ca](https://www.nccch.ca)

---

To provide feedback on this document, please visit [www.nccch.ca/en/document\\_feedback](https://www.nccch.ca/en/document_feedback)

---

This document can be cited as: National Collaborating Centre for Environmental Health. Environmental health research scan. Vancouver, BC: NCCCH. 2024 February.

---

Permission is granted to reproduce this document in whole, but not in part. Production of this document has been made possible through a financial contribution from the Public Health Agency of Canada through the National Collaborating Centre for Environmental Health.