

# ENVIRONMENTAL HEALTH RESEARCH SCAN

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### *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 This research scan is not peer reviewed; it does not cover all research, news, and information, and NCCEH is not responsible for the accuracy of the content from media or databases.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

### Extreme heat [topic page]

National Collaborating Centre for Environmental Health

*This topic page aims to provide a list of curated resources about preparing for and responding to extreme heat events. The first section lists resources directed at individuals, households and communities, while the second section lists resources directed at public health professionals and policy-makers. Lastly, resources on risk communication for extreme heat events are also shared.*



### The health impacts of drought [topic page]

National Collaborating Centre for Environmental Health

*The resources presented below provide information for monitoring and forecasting drought across Canada, as well as the connection between drought and human health. Finally, adaptation strategies for drought are also highlighted.*



### Reflections on supporting community psychosocial well-being after a flood [blog]

Maxine Myre and Nicole Glen, PolicyWise for Children and Families

*In this blog, we summarize our webinar panel discussion in which we dialogued with four disaster recovery professionals about their experiences of supporting mental health and psychosocial recovery across Canada.*



### Floods: prevention, preparedness, response and recovery [topic page]

National Collaborating Centre for Environmental Health

*This topic page provides a collection of key resources on preventing extreme flooding and mitigating its risks, as well as resources to assist during the response and recovery phases.*



### Psychosocial impacts of disasters: resources for mitigation, response and recovery [topic page]

National Collaborating Centre for Environmental Health

*This topic page introduces i) the concepts of community resilience and well-being and the types of interventions that can be used pre- and post disaster to build resilience, ii) a list of tools and other resources, and iii) examples of long-term psychosocial monitoring studies....*



### Ticks in a changing climate [tool/guidance]

National Collaborating Centre for Environmental Health

*This easy-to-reference resource summarizes how best to design and manage outdoor environments to reduce tick habitat, and outlines steps one should take to reduce the risk of getting bitten by a tick when recreating or working outdoors.*



### Mould: assessment, remediation and building for resilience [topic page]

National Collaborating Centre for Environmental Health

*Public health inspectors and other environmental health professionals may be tasked with addressing public inquiries about indoor mould, conducting walk-through investigations, and/or reviewing microbial laboratory reports from surface or air sampling.*



### Foodborne illness outbreaks: recommendations for collaborative investigations [evidence review]

Ken Diplock in partnership with NCCEH

*This is the third of three documents that explore the collaborative investigation of FBI outbreaks in Canada, emphasizing the role of Environmental Public Health Professionals.*



### A synthesis of project findings: sea level rise and public health implications [evidence review]

Tracey Wade, CLIMAtlantic in partnership with NCCEH

*This project considered the potential direct and indirect health impacts of sea level rise on coastal communities, and how better to incorporate health considerations into adaptation planning.*



### New study finds people with schizophrenia were at higher risk during B.C.'s 2021 heat dome

Sarah Henderson, Scientific Director, Environmental Health Services, BCCDC

*New research suggests people with schizophrenia, their families and support networks should be on alert during extreme heat events and take precautions because of increased risk.*



### NCCEH eNews (Apr 2023): Review of environmental management strategies to reduce tick populations; more...

National Collaborating Centre for Environmental Health

*This monthly eNews highlights recent environmental health publications, research scans, webinars and other events and resources.*



## April research scan with COVID-19 sections [blog]

*This monthly Research Scan highlights recent environmental health publications by topic and provides easy access to article abstracts and report summaries to support public health professionals, researchers, planners, students, and others working in public health.*



# ENVIRONMENTAL HEALTH RESEARCH SCAN

## SELECTED NCCEH PUBLICATIONS

1. Craig M, Patterson B. **Rapid implementation of bikeways for healthy, safe, equitable and more sustainable communities [webinar]**. Vancouver, BC: National Collaborating Centre for Environmental Health; 2023 May 24. Available from: <https://ncceh.ca/hbe-forum#webinar1>.
2. Diplock K. **Foodborne illness outbreaks: Recommendations for collaborative investigations [evidence review]**. Vancouver, BC: National Collaborating Centre for Environmental Health; 2023 May 5. Available from: <https://ncceh.ca/documents/evidence-review/foodborne-illness-outbreaks-recommendations-collaborative-investigations>.
3. Myre M, Glenn N. **Reflections on supporting community psychosocial well-being after a flood [blog]**. Vancouver, BC: National Collaborating Centre for Environmental Health; 2023 May 10. Available from: <https://ncceh.ca/content/blog/reflections-supporting-community-psychosocial-well-being-after-flood>.
4. National Collaborating Center for Environmental Health. **Psychosocial impacts of disasters: resources for mitigation, response and recovery [topic page]**. Vancouver, BC: National Collaborating Centre for Environmental Health; 2023 Apr 26. Available from: <https://ncceh.ca/environmental-health-in-canada/health-agency-projects/psychosocial-impacts-disasters-resources>.
5. National Collaborating Center for Environmental Health. **Mould: assessment, remediation and building for resilience [topic page]**. Vancouver, BC: National Collaborating Centre for Environmental Health; 2023 Apr 26. Available from: <https://ncceh.ca/environmental-health-in-canada/health-agency-projects/mould-assessment-remediation-and-building>.
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8. National Collaborating Centre for Environmental Health. **April research scan with COVID-19 sections [blog]**. Vancouver, BC: NCCEH; 2023 Apr 18. Available from: <https://ncceh.ca/content/blog/april-2023-research-scan-covid-19-sections>.



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10. National Collaborating Centre for Environmental Health. **The health impacts of drought in Canada [topic page]**. Vancouver, BC: NCCEH; 2023 Apr 28. Available from: <https://ncceh.ca/environmental-health-in-canada/health-agency-projects/health-impacts-drought-canada>.
11. National Collaborating Centre for Environmental Health. **Ticks in a changing climate [guidance]**. Vancouver, BC: NCCEH; 2023 May 17. Available from: <https://ncceh.ca/environmental-health-in-canada/health-agency-projects/ticks-changing-climate>.
12. Wade T. **Identifying health priorities in sea level rise adaptation planning [evidence review]**. Vancouver, BC: National Collaborating Centre for Environmental Health; 2023 Apr 11. Available from: <https://ncceh.ca/documents/evidence-review/identifying-health-priorities-sea-level-rise-adaptation-planning>.
13. Wade T. **A synthesis of project findings: sea level rise and public health implications [evidence review]**. Vancouver, BC: National Collaborating Centre for Environmental Health; 2023 Apr 12. Available from: <https://ncceh.ca/documents/evidence-review/synthesis-project-findings-sea-level-rise-and-public-health-implications>.

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### BUILT ENVIRONMENT

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## CHEMICAL AGENTS – METALS, GENERAL

### General

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### BPA, Phalates, PFAS, etc

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## CHEMICAL AGENTS – PESTICIDES

## CHEMICAL AGENTS – SHALE GAS

## CHILDREN'S ENVIRONMENTAL HEALTH

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3. Richmond JG, Hill R. **Rethinking local resilience for extreme heat events.** Public Health. 2023;218:146-8. Available from: <https://www.sciencedirect.com/science/article/pii/S0033350623000872>.
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## ENVIRONMENTAL PLANNING

### FOOD

#### Safety

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