

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. "We focus on health risks associated with the physical environment and identify evidence-based interventions to mitigate those risks." This review is not official or 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. How to access the items? Click on the link related to each entry and it should take you to the item. Not all links are open access; some are abstract links where paid journal subscription is required.

EDITOR PICKS (NCCEH VIDEOS & FORUMS)

Extreme heat can be a killer [video]

Due to climate change, by 2050, cities across Canada, including Vancouver, Calgary, Ottawa, Toronto, and Quebec City are predicted to experience over four-times the number of very hot days as compared to 2012... Also see NCCEH's topic page, [Extreme heat](#).



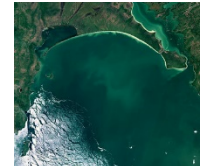
Growing cannabis safely at home [video]

This video summarizes the key messages from NCCEH's previous evidence review entitled "[Growing at Home: Health and Safety Concerns for Personal Cannabis Cultivation](#)." Also see NCCEH's topic page, [Cannabis resources for environmental health practitioners](#).



Cyanobacteria and drinking water: knowledge exchange group for environmental and public health in Canada [online exchange group]

Following an initial review by the NCCEH on "Cyanobacteria and Drinking Water: Occurrence, Risks, Management and Knowledge Gaps for Public Health" we noted an interest in continuing the conversation to address some of the key knowledge and practice gaps identified. This group provides a forum for those working in public health and those involved in the management of drinking water to share information, discuss common problems and identify opportunities for collaborating on joint solutions. Also see NCCEH's evidence review, [Cyanobacteria and Drinking Water: Occurrence, Risks, Management and Knowledge Gaps for Public Health](#).



Healthy built environment [online forums]

Welcome to the Healthy Built Environment in Canada Online Discussion Forum!
Also see NCCEH's topic page, [Healthy Built Environment](#).

This collection of resources:

- Introduces environmental health and public health practitioners to the field of healthy built environment (HBE);
- Provides the rationale for environmental health and public health involvement in promoting healthy communities;
- Help to identify opportunities for multisectoral discussions and collaborations
- Assists with program planning in HBE work.



ENVIRONMENTAL HEALTH RESEARCH SCAN

SELECTED STAFF PUBLICATIONS (NCCEH or BCCDC)

Online Forums

1. National Collaborating Center for Environmental Health. **Healthy built environment - all forums**. Vancouver, BC: National Collaborating Center for Environmental Health; 2018; Available from: <http://www.ncceh.ca/forum>.
2. National Collaborating Center for Environmental Health. **Cyanobacteria - LinkedIn**. Vancouver, BC: National Collaborating Center for Environmental Health; 2019 05; Available from: <https://www.linkedin.com/groups/8779394/>.

Videos

1. National Collaborating Centre for Environmental Health. **Radon: Public health and cancer prevention [video]**. Vancouver, BC: NCCEH; 2018 Nov. Available from: <http://www.ncceh.ca/content/100-radon-test-kit-challenge-canada>.
2. National Collaborating Centre for Environmental Health. **Extreme heat can be a killer**. Vancouver, BC: NCCEH; 2018 Apr. Available from: https://www.youtube.com/watch?v=RBwgS_1D5FM.
3. National Collaborating Centre for Environmental Health. **Growing cannabis safely at home [video]**. Vancouver, BC: NCCEH; 2019 Jul 18. Available from: <https://www.youtube.com/watch?v=7LlILBzMr0>.

INDIGENOUS ENVIRONMENTAL HEALTH

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7. Indigenous Corporate Training Inc. **Indigenous Fire Management and Traditional Knowledge**. Port Coquitlam, BC: Indigenous Corporate Training Inc; 2019; Available from: <https://www.ictinc.ca/blog/indigenous-fire-management-and-traditional-knowledge>.
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11. National Collaborating Centre for Indigenous Health. **Indigenous health links database**. Prince George, BC: NCCIH; 2019; Available from: https://www.nccih.ca/511/Research_Institutes_and_Organizations.nccah.
12. Ratelle M, Fung L, Laird M, Laird B. Cadmium and Mercury Exposure among Dene/Metis Communities of the Northwest Territories, Canada (ISES-ISEE 2018 Joint Annual Meeting abstract). Environmental Health Perspectives (Online). 2018. Available from: <https://ehp.niehs.nih.gov/doi/abs/10.1289/isesisee.2018.S02.01.08>.
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AGRICULTURAL OPERATIONS

BIOLOGICAL AGENTS

BUILT ENVIRONMENT

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CHEMICAL AGENTS – METALS, GENERAL

General

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CHEMICAL AGENTS - PESTICIDES

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CHEMICAL AGENTS – SHALE GAS

CHILDREN’S ENVIRONMENTAL HEALTH

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CLIMATE CHANGE

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COMMUNICABLE AND INFECTIOUS DISEASES

DRINKING WATER

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EMERGENCY PREPAREDNESS, EMERGENCIES/POISONINGS

Palytoxins

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Wildfire

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Other

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