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. COVID-19 Publications are listed in the sections above and there are also COVID-19 Additional Topics at the end of this issue.
EDITOR PICKS

The basics of SARS-CoV-2 transmission - updated [evidence review]
Juliette O’Keeffe (right), Shirra Freeman, Anne-Marie Nicol - Knowledge Translation Scientists, NCCEH

“This document has been updated to reflect new findings and provide additional information about the virus that may be relevant to the public health response. The evidence presented below is based on current knowledge on dominant variants known to be circulating.”

Accessibility for persons with disabilities during the COVID-19 pandemic [blog]
Anna Chow, Knowledge Translation Scientist, NCCEH

“Prior to the COVID-19 pandemic, the design of existing facilities might already pose challenges to those with accessibility issues in public spaces. The pandemic brought additional obstacles to their safety and independence…more”

Fomites and the COVID-19 pandemic: an evidence review on its role in viral transmission [evidence review]
Tina Chen, Knowledge Translation Scientist, NCCEH

“This review will examine available epidemiological and research evidence on the infection risk of SARS-CoV-2 via fomites. Factors that influence SARS-CoV-2 transfer to and from fomites, as well as how environmental factors may influence the persistence of SARS-CoV-2 on environmental surfaces, will be discussed.”

Contextualizing the risks of indirect COVID-19 transmission in multi-unit residential buildings [evidence review]
Angela Eykelbosch, Knowledge Translation Scientist, NCCEH

“This document is intended to help public health practitioners: 1) improve their understanding of how building systems may (or may not) contribute to transmission of SARS-CoV-2; 2) learn about the environmental or other analyses to complement a thorough epidemiological investigation if indirect transmission is suspected; and 3) communicate effectively about the relative risks of indirect transmission in a MURB [multi-unit residential building setting].”

Health Resources for the COVID-19 Pandemic – updated [topic page]
National Collaborating Centre for Environmental Health

SELECTED STAFF PUBLICATIONS

NCCEH

BCCDC


INDIGENOUS ENVIRONMENTAL HEALTH


AGRICULTURAL OPERATIONS


BIOLOGICAL AGENTS

BUILT ENVIRONMENT


3. Butt S, Smith SM, Moola F, Conway TM. The relationship between knowledge and community engagement in local urban forest governance: A case study examining the role of resident...


CHEMICAL AGENTS – METALS, GENERAL

General


CHEMICAL AGENTS – PESTICIDES

CHEMICAL AGENTS – SHALE GAS

CHILDREN’S ENVIRONMENTAL HEALTH


**CLIMATE CHANGE**


**COMMUNICABLE AND INFECTIOUS DISEASES**

See Covid 19 subsections in this issue and in the COVID-19 Additional Topics and Guidance section at the end of this issue (e.g., Occupational Guidance, Transit, Transmission).

**DRINKING WATER**


EMERGENCY PREPAREDNESS

ENVIRONMENTAL HEALTH SURVEILLANCE

ENVIRONMENTAL PLANNING

FOOD

**Nanoparticles/Nanoplastics**


**GENERAL**


**Health Policy**


HEALTH EQUITY


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HEALTH IMPACT ASSESSMENT

INDOOR AIR


NUISANCE CONTROL

OUTDOOR AIR


PERSONAL SERVICE ESTABLISHMENTS

PEST CONTROL

PHYSICAL AGENTS

RADIATION

RECREATIONAL AND SURFACE WATER
RISK ASSESSMENT, COMMUNICATION


SENIORS’ ENVIRONMENTAL HEALTH


TOBACCO, CANNABIS

WASTE

ZOONOSES
COVID-19 ADDITIONAL TOPICS & GUIDANCE

CONTENTS

- GUIDANCE (cleaning, face masks, hand hygiene, more)
- HOMELESS, VULNERABLE POPULATIONS, HOUSING
- MENTAL HEALTH
- MULTI-UNIT BUILDINGS
- OCCUPATIONAL GUIDANCE, MISC
- PUBLIC FACILITIES
- SURVIVAL TIME
- TRANSIT, TRANSPORTATION
- TRANSMISSION
GUIDANCE (for ‘Occupational Guidance’ – see separate topic heading)

Cleaning


Face Masks


HOMELESS, VULNERABLE POPULATIONS, HOUSING, PUBLIC FACILITIES


MENTAL HEALTH

General


MULTI-UNIT BUILDINGS

OCCUPATIONAL GUIDANCE

Occupational

PUBLIC FACILITIES

Schools


**Washrooms**


**Transportation (see separate category, ‘Transit, Transportation’)**

**SURVIVAL TIME**


**TRANSIT, TRANSPORTATION**


**TRANSMISSION**

**General**


**Singing, Wind Instruments**


**Variants**


For more on environmental health information and evidence, visit NCCEH.ca