ENVIRONMENTAL HEALTH RESEARCH SCAN
VOL 2 (4) APRIL 2018

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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.

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EDITOR PICKS

The built environment: Understanding how physical environments influence the health and well-being of First Nations peoples living on-reserve

Roberta Stout, National Collaborating Centre for Aboriginal Health, 2018

“This paper summarizes what is known about how the built environment influences the health and well-being of First Nations reserve communities. Although the built environment is large in scope this paper focuses in five distinct areas including housing; water and wastewater management; food security; active living; and transportation.”

Municipal guide to cannabis legalization a roadmap for Canadian local governments

Federation of Canadian Municipalities, 2018

“This guide is designed to provide an overview of the work ahead for local governments and offer both policy and regulatory options to choose from.”

Near-real-time surveillance of illnesses related to shellfish consumption in British Columbia: analysis of Poison Center data

Victoria Wan, Lorraine McIntyre, Debra Kent, Dara Leong, Sarah Henderson, 2018

“The surveillance capacity is evident within poison control data as shown from the novel use of DPIC data for identifying illnesses related to shellfish consumption in BC. The further development of surveillance programs could improve and enhance response to public health emergencies related to acute illnesses, chronic diseases, and environmental exposures.”

Community health data [online portal]

British Columbia Centre for Disease Control, 2018

“The information found on the BC Community Health Data website can be used by regional health authorities, local governments, non-government organizations and other partner organizations in collaborative and evidence-informed community health planning and decision making.”
EDITOR PICKS

Environmental health and housing: issues for public health [book]
Jill Stewart and Zena Lynch, 2018

“With a theory and practice approach to public health this 2nd edition focuses more on population health; health protection and improvement; and inter-agency approaches to effective intervention in housing and health through evidence based practice.”

HPS evidence assessment on the potential health impacts of tyre crumb used in artificial ground surfaces
Health Protection Scotland, 2017

“Health Protection Scotland has concluded that there is a clear consensus in the findings from evidence published to date, which does not support the hypothesis that exposure to tyre crumb used in artificial surfaces poses a significant risk to human health.”

Comparing urban and rural vulnerability to heat-related mortality: a systematic review and meta-analysis
Li et al., 2017

“Our findings suggest that vulnerability to heat-related mortality in rural areas is likely to be similar to or even greater than urban areas.”

An adaptable Health Impact Assessment (HIA) framework for assessing health within Environmental Assessment (EA): Canadian context, international application
McCallum et al., 2018

“By using an HIA Framework, a well-known yet underutilized tool can effectively address health issues within the EA process, both in a Canadian context and internationally.”

Preparing for the health impacts of climate change in Indigenous communities: The role of community-based adaptation.
Ford et al., 2018

“We examine the application of Community Based Adaptation (CBA) approaches in Indigenous community settings…….”
ENVIRONMENTAL HEALTH RESEARCH SCAN

SELECTED STAFF PUBLICATIONS (NCCEH or BCCDC)


NCCEH e-News (French and English)


INDIGENOUS ENVIRONMENTAL HEALTH


AGRICULTURAL OPERATIONS


BIOLOGICAL AGENTS

BUILT ENVIRONMENT


CHEMICAL AGENTS – METALS, GENERAL

BPA, phthalates, other


CHEMICAL AGENTS - PESTICIDES


CHEMICAL AGENTS – SHALE GAS


CHILDREN’S ENVIRONMENTAL HEALTH


CLIMATE CHANGE


COMMUNICABLE AND INFECTIOUS DISEASES


DRINKING WATER

EMERGENCY PREPAREDNESS


ENVIRONMENTAL HEALTH SURVEILLANCE


ENVIRONMENTAL PLANNING

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TOBACCO, CANNABIS


WASTE

ZOOONES


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