2019 EH Scan



# ENVIRONMENTAL HEALTH RESEARCH SCAN

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#### **CONTENTS**

- STAFF
- INDIGENOUS ENVIRONMENTAL HEALTH
- AGRICULTURAL OPERATIONS
- BIOLOGICAL AGENTS
- BUILT ENVIRONMENT
- CHEMICAL AGENTS METALS, GENERAL
- 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
- FOOD

- GENERAL
- HEALTH EQUITY
- 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
- WASTE
- ZOONOSES

#### 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**

Cyanobacteria - Tapping into the risks to drinking water [blog] Juliette O'Keeffe (pictured on right), Knowledge Translation Scientist, NCCEH

"What do <u>dog deaths</u> in Fredericton, a <u>State of Emergency</u> in Salem, Oregon, and <u>vacuuming lakes</u> in Florida all have in common? Read the article to find out more."



Maternal proximity to extremely low frequency electromagnetic fields and risk of birth defects.

Natalie Auger (pictured on right), with Tom Kosatsky and other co-authors

"We found no compelling evidence that residential proximity to extremely low frequency electromagnetic fields from electrical power grids increases the risk of birth defects. Women residing near electrical grids can be reassured that an effect on the risk of birth defects is unlikely."



Advancing Research for Public Health Emergency Preparedness in Canada Public Health Ontario, April 2019

"...It is important for public health practitioners to define what it means to be prepared for diverse disaster and emergency risks, however, clarifying definitions and identifying metrics have been knowledge gaps in public health emergency preparedness (PHEP)."



#### Climate Atlas of Canada

Prairie Climate Centre

"The Climate Atlas of Canada is an interactive tool for citizens, researchers, businesses, and community and political leaders to learn about climate change in Canada. It combines climate science, mapping and storytelling to bring the global issue of climate change closer to home, and is designed to inspire local, regional, and national action and solutions."



# Special Issue: Climate Change and Health

Health Promotion and Chronic Disease Prevention in Canada, Vol 39, No 4, April 2019

"...this Special Issue exemplifies the diversity of pathways through which climate change is currently impacting the health of Canadians, while underscoring both the grand health challenges and the grand health opportunities from a changing climate."





# ENVIRONMENTAL HEALTH RESEARCH SCAN

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- 2. O'Keefe J. **Cyanobacteria Tapping into the risks to drinking water [blog]**. Vancouver, BC: National Collaborating Center for Environmental Health; 2019 May 21. Available from: <a href="http://www.ncceh.ca/content/cyanobacteria-tapping-risks-drinking-water">http://www.ncceh.ca/content/cyanobacteria-tapping-risks-drinking-water</a>.
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#### NCCEH e-News (French and English)

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- National Collaborating Center for Environmental Health. NCCEH eNews: Risks and vulnerabilities due
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