National Collaborating Centre for Environmental Health

Centre de collaboration nationale en santé environnementale

SUGGESTED SUMMER COURSE TOPICS	Animal & nuisance control	Disaster response	Disease surveillance	Drinking water	Food	Indoor air	Injury prevention	Land use planning	Noise	Odour	Outdoor air	Personal services establishments	Public buildings	Radiation	Recreational water	Sewage	Solid waste	Tobacco reduction	Wastewater	Zoonosis	Children's EH	Climate change	Contaminants	EH Impact assessment	EH surveillance	Epidemiology	GIS/geomatics	Housing	Management systems	Practice/management/policy	Public/risk communication	Risk assessment	Other
TOTALS	1	7	0	14	*8*	7	1	3	1	0	7	2	2	3	2	1	0	0	1	0	4	8	8	4	4	5	4	3	3	11	9	10	5

SUGGESTED TOPICS	Animal & nuisance control	Disaster response	Disease surveillance	Drinking water	Food	Indoor air	Injury prevention	Land use planning	Noise	Odour	Outdoor air	Personal services establishments	Public buildings	Radiation	Recreational water	Sewage	Solid waste	Tobacco reduction	Wastewater	Zoonosis	Children's EH	Climate change	Contaminants	EH Impact assessment	EH surveillance	Epidemiology	GIS/geomatics	Housing	Management systems	Practice/management/policy	Public/risk communication	Risk assessment	Other	Occupation
Water systems analysis and information for EHO about chemical testing and monitoring				■																														policy-maker
PHI's legal authority and mould investigation in private residences						■																												practitioner
Recording of work. PHIs are familiar with writing reports for school etc, but lack skills in recording progress notes of inspections done. This is a Standards of Practice issue that needs to be addressed by CIPHI, as this will become a vital part of Core Competency if the profession is to achieve status as a Regulated Health Profession.																													■					policy-maker
Grappling with air quality initiatives at the health unit level											■																							practitioner
Environmental Health Impact Assessment - looking at the topic of cumulative effects for a defined region																								■										practitioner
Land Planning and Environmental Health Effect - looking into the regional application of population health planning issues								■																										practitioner
Public Health Management Systems - boosting the link between operational goals and accountability reporting																													■					practitioner
Rental structures - When is it safe and what is just cosmetic?																											■							practitioner
Infection control practices in long term care facilities													■																					practitioner
Risk communication																															■			researcher
Field epidemiology																										■								researcher
Water quality in native communities				■																														researcher
Logistics in case of environmental health emergency		■																																researcher
Precaution and risk assessment: When and under what circumstances should it be applied?																														■		■		policy-maker
Opportunity risk applied to environmental health: Does it make sense?																																■		policy-maker
Environmental health surveillance: biomonitoring																									■									policy-maker
Environmental epidemiology: application to policy development																										■				■				policy-maker
Water plant trouble shooting				■																														practitioner
Dealing with difficult people, conflict resolution, interpersonal skills																																	■	practitioner
Emergency/disaster environmental health		■																																practitioner
Rural risk assessment and politics																														■		■		practitioner

A summer field course in sewage site assessment, soil classification, and PSDS installation may be beneficial.																■																				practitioner
IAQ/Mould/Moisture Control Retrofit/Use of Repair Professionals/Accredited?						■																														practitioner
GIS linking environmental measures and health outcomes																													■							practitioner
Drinking water				■																																practitioner
Recreational water and public notification															■																					practitioner
Environmental engineering for safety - making roads, vehicles, products safer for Canadians																																			■	practitioner
Air quality and health: science of pollutants and impact on health										■																										practitioner
Air quality and health: communicating the risk to the public (AQI and AQHI)										■																										practitioner
CEPA as health protection legislation																																				practitioner
Low dose chemicals and health impacts, how to assess, measure impacts and make recommendations																																				practitioner
Communication, building relationships, managing difficult people, "selling" the principals of health to the public																																				practitioner
Children's environmental health: I have a full description for a one-week international training program in CEH, I would like to propose. The intended audience is pediatricians, public health practitioners, journalists, policy-makers, and community leaders.																																				researcher
Bilan des changements climatiques et effets sur la santé au Canada, et adaptations souhaitables																																				praticien
New developments in on-site wastewater treatment (private and public)																																				practitioner
Common well problems and methods of treatment				■																																practitioner
Indoor air quality						■																														practitioner
GIS/Geomatics in environmental health practice																																				researcher
Food safety considerations in bakeries, concession stands, and sidewalk ready-to-eat food sellers (single course topic)					■																															student
Emerging diseases and toxic chemicals: short and long term effects																																				student
Communicating risk: how to transfer our understanding of risk to a public with a very different viewpoint																																				practitioner
The public health effects of global warming																																				policy-maker
Radon detection, remediation and awareness														■																						policy-maker
Children's environmental health																																				policy-maker
Climate change and health																																				policy-maker
Health promotion																																				policy-maker
Housing																																				policy-maker
Personal services trades											■																									policy-maker
Environmental sampling																																				policy-maker
Personal service establishments: What's new out there and how do we deal with it considering MoH guidelines are so old and don't address new technology?											■																									other
Évaluation du risque toxicologique																																				praticien
Réponse aux urgences en santé environnementale		■																																		praticien
Épidémiologie et secteur hydrique: une perspective sociale et environnementale				■																									■							chercheur
Écologie et toxicologie des différents genres de cyanobactéries																												■								praticien
Mise à jour des connaissances sur l'exposition des populations aux polluants persistants (métaux, organochlorés . . .)																												■		■						praticien
État des connaissances sur les facteurs environnementaux et le cancer																																			■	praticien
Les différents environnements et les malformations congénitales																																				praticien
État de situation sur les perturbateurs endocriniens																												■								praticien

État des connaissances sur les sous produits de la chloration et de la fluoration de l'eau incluant les THM bromés				■																																praticien
Enquête de salubrité dans les logements et institutions													■																	■						praticien
Mécanismes physiques et chimiques à l'origine du réchauffement climatique																						■														praticien
Les bienfaits pour la santé des espaces boisés en milieu bâti								■																												praticien
Communication du risque radon: formation pour les intervenants régionaux de santé publique														■																		■				praticien
Base des principaux agents toxiques																							■													praticien
La santé internationale et les enjeux en santé environnementale: qualité et disponibilité de l'eau				■																																chercheur
La santé internationale et les enjeux en santé environnementale: pollution transfrontalière											■																									chercheur
La santé internationale et les enjeux en santé environnementale: changement climatique																						■														chercheur
Santé des enfants et environnement																					■															praticien
Évaluation du risque toxicologique																																	■			praticien
Perturbateurs endocriniens (mimétiques), notamment dans l'eau potable				■																																responsible des politiques
Ecotoxicologie des cyanobactéries																							■													responsible des politiques
Évaluation du risque en situation d'urgence		■																															■			praticien
Communication du risque																																■				praticien
Utilités et utilisation de la géomatique																									■				■							praticien
Emergency preparedness		■																																		student
Knowledge management/records management and environmental health																												■								other
Indoor air quality - mould						■																														practitioner
Approche écosystémique à la santé humaine																																			■	autre
Établissement des normes en santé environnementale																														■						autre
Évaluation et gestion des risques toxicologiques																							■										■			autre
Impacts sur la santé humaine des changements climatiques																						■														autre
General climate change issues; health effects from climate change, specifically heat wave health effects																						■														student
Surveillance and environmental health																								■												student
Application of GIS to environmental issues in public health																									■					■						student
Contaminants and human health risk assesment																																	■			
The new national Air Quality Health Index (what it is, how to use it, strategies to increase awareness and use in local communities, etc)											■																									
Introduction to emergency management: Incident Command System-100 Emergency Operations Centre-Level 1 Incident Command System-200 Emergency Operations Centre-Level 2 All courses are available through the Justice Institute of BC (Emergency Management Division)		■																																		
Indoor air quality to include mould concerns, could also be useful						■																														
Noise control									■																											
Food importation: What are we eating?					■																														practitioner
How to effectively communicate public health messages to the public so they will implement those measures that are of benefit instead of waiting until a crisis point is achieved																																■			policy-maker

Climate change and environmental health																															
Risk/risk tradeoffs: eg WNV vs Malathion; disinfection byproducts vs chlorine																															
How best to combat 'junk' web science																															policy-maker
Using risk assessments effectively to prioritize service delivery																															policy-maker
Ethnic foods vs public health policy																															practitioner
Health risk analysis during a chemical emergency																															practitioner
Health risks and land use regulation																															practitioner
Risk communication																															practitioner
Toxicology in the environment																															
Drinking water																															
Arsenic treatment methodology																															
Radon																															
Food																															
Air																															
Drinking water - quality treatment																															
Food Safety																															
Water - drinking & recreational																															
Air - indoor & outdoor																															
Food																															
Pest control																															
Campylobacter prevention programs																															practitioner
Examples of successful foodborne illness outbreak investigations & methodology																															practitioner
Chemical exposure of public through common everyday habits & related consequences: What are the chemicals to avoid?																															practitioner
Injury prevention: What are we doing and what can health protection do?																															practitioner