



Radon Mitigation in Can. New Exposure Guidelines, Research & Stand. Dev.

Moderator(s): Matt Farrell

DATE: Tuesday, September 30th, 2014 TIME: 1:40 pm

LOCATION: Strategy Room 2

GUEST SPEAKERS: Dr. Mainul Husain - Health Canada - Ontario Region, Mr. Arthur Scott - Arthur Scott and Associates

DESCRIPTION: Dr. Mainul Husain - Regional Radiation Specialist, Health Canada, Environmental Health Program, Ontario Region - Learn more about effective radon mitigation techniques described in Health Canada's Reducing Radon Levels in Existing Homes - A Canadian Guide for Professional Contractor's including: Active sub-slab, crawl-space, sump and drainage depressurization systems - System selection, diagnostics and design considerations -Measurement protocols for post-installation and long-term validation testing of system performance. The session will also include an overview of on-going Canadian radon research, standards development and certification training.

BIOGRAPHY: Dr. Mainul Husain, Regional Radiation Specialist, Health Canada, Environmental Health Program, Ontario Region
Dr. Husain completed his Ph.D. from the University of Guelph, Ontario with specialization in Toxicology and Toxicogenomics. He joined Environmental Health Science and Research Bureau of Health Canada in 2011 where he worked on environmental contaminants including several nanoparticles and chemicals, and their effects on human health. Dr. Husain's specialty includes analyzing and understanding the short and long term effects of these environmental contaminants on lungs and other organs in the body. Dr. Husain now works with the National Radon Program to help Canadians to reduce the risks from this radioactive contaminant. He is actively involved in conducting risk assessment, and developing guidelines, regulatory limits and standards associated with radon exposure.

BIOGRAPHY: Mr. Arthur Scott, President
Arthur Scott is an expert in radiation with over 40 years of experience in the radiation protection field. He is currently a consultant, using his radon expertise as President of Arthur Scott and Associates. Mr. Scott has extensive knowledge of historical and current causes of radon in buildings, the behaviour of radon and its progeny, health effects, radon measurement technology and radon mitigation techniques and technology. Mr. Scott has worked as Project Leader for the Ontario Ministry of Labour's Radiation Protection Service, manager and director for field research on radon for the U.S. Environmental Protection Agency and overseen radiation cleanup programs in Elliot Lake, Ontario and Uranium City, Saskatchewan for Canada's Atomic Energy Control Board.