

Atlantic RBCA Soil Vapour Intrusion Work Shop

Facilitator: Ian Hers, P.Eng., Ph.D.

Ian Hers is a senior consultant and Associate of Golder Associates located in Vancouver, B.C., Canada with 20 years professional experience, and is the vapour intrusion practice leader for Golder Associates. He directs and provides technical support for projects involving environmental site assessment, human health risk assessment, and remediation of contaminated sites. Much of his work over the past twelve years has focused on the evaluation of soil vapour fate and transport, soil vapour measurement and prediction and mitigation of soil vapour intrusion into buildings. This work has including a number of large and complex vapour intrusion projects at sites in Canada, US, Europe and Australia.

He has developed guidance for numerous regulatory agencies, completed comprehensive field-based research programs evaluating vapor intrusion processes, has developed new screening and numerical models for this pathway, and has evaluated field data and model predictions for vapor intrusion from numerous sites. He has helped author guidance for USEPA, Health Canada, British Columbia Ministry of Environment, Alberta Environment, Ontario Ministry of Environment, Canadian Atlantic Provinces and United Kingdom (CLEA review of models) and served on a number of technical advisory panels (CCME, USEPA, New Jersey, Michigan, other state agencies). He has conducted research projects for several regulatory agencies and industry groups in Canada and the U.S. including Health Canada, the Canadian Petroleum Producers Institute, Science Advisory Board for Contaminated Sites in British Columbia, the Electric Power Research Institute (EPRI), New Jersey Department and Shell Global and has published over 15 technical papers on vapour intrusion issues.

Dr. Hers holds a Ph.D. in Civil Engineering (University of British Columbia), is on the Board of Directors of the Science Advisory Board for Contaminated Sites in British Columbia, is a member of the roster of professional experts in British Columbia, and is a part-time instructor at the University of British Columbia and British Columbia Institute of Technology where he gives lectures on chemical fate and transport for risk assessment and site remediation technologies.