

GeoEnviroLogic Professional Development

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Soil Vapour

Regulatory Guidance, Investigation Methods,
Vapour Intrusion Modeling, Risk Assessment and
Remediation

February 29/08 at SFU Harbour Center, Vancouver BC

**GeoEnviroLogic Professional Development
Technical Seminars in environmental science and
contaminated site investigation, remediation and risk
assessment**

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Soil Vapour

**Regulatory Guidance, Investigation Methods, Vapour
Intrusion Modeling, Risk Assessment and Remediation**

**February 29, 2008 from 8:00 am to 4:15 pm at
SFU Harbour Center, Room 2945, Vancouver BC**

SEMINAR SYNOPSIS

This one day seminar is offered in conjunction with BC Ministry of Environment's (MOE) two-day information sessions on February 27 and 28. The MOE sessions will provide an update on new and upcoming guidance and policies, in particular the interim guidance on soil vapour which will be effective from February 1st, 2008 until the finalization of the ambient air criteria.

Our soil vapour seminar on February 29th has been tailored to provide further discussion on regulatory guidance and policy, both provincial and federal; as well as provide technical details on investigation, vapour intrusion modeling, risk assessment and remediation. Case histories will be presented to illustrate key soil vapour issues.

PRESENTERS, in presentation order

- ✓ Reidar Zapf-Gilje, PhD, PEng, Approved Professional, Chair – Roster Steering Committee, Adjunct Professor – UBC Civil Eng, GeoEnviroLogic Consulting and Professional Development

- ✓ Ian Hers, PhD, PEng, Approved Professional, Director - SAB, Golder Associates

- ✓ Colm Condon, MSc, Ministry of Environment Land Remediation Section

MANUAL TABLE OF CONTENTS

This manual contains the slide presentations for each of Dr. Ian Hers' 7 sessions. Each session begins on a coloured sheet of paper.

MAIN PRESENTATION OUTLINE

8:00-8:30	Refreshments and Introductions
8:30-9:10	Session 1: Overview of Vapour Intrusion and New Regulations and Guidance
9:10-10:00	Session 2: Conceptual Site Models
10:00-10:15	Refreshment Break
10:15-11:15	Session 3: Design of Soil Vapour Intrusion Investigation
11:15-12:00	Session 4: Soil Vapour Sampling and Analysis
12:00-12:45	Lunch Break
12:45-1:15	Hands-on Equipment Demonstration
1:15-2:15	Session 5: Indoor Air and Subslab Vapour Testing and Supplemental Tools/Data
2:15-2:30	Refreshment Break
2:30-3:30	Session 6: Derivation of J&E Model Inputs and Site Specific Modeling
3:30-4:15	Session 7: Vapour Intrusion Mitigation