

AWMA Vancouver Island Chapter



Luncheon Details

\$10 – paid up AWMA members (International)
\$20 - non-members (see note)
\$10 - students

Lunch and coffee will be served. Vegetarian lunches are available if arranged when you RSVP.

Parking: Free parking passes are available at the AWMA registration desk or street parking is also available.

RSVP: Donna Grant @ 360-3256 or E-mail dgrant@crd.bc.ca before **4:30 p.m. on Friday, April 22/05.**

Cancellation Policy

Cancellations will be accepted at no charge up until 12:00 noon on the Monday prior to the luncheon by contacting Donna Grant.

Regrettably, cancellations made after this time will be subject to a \$25 service charge, as the Chapter is billed regardless of late cancellations. This will be invoiced and is requested to be paid prior to attending future luncheons.

Tuesday, April 26th, 2005

*****Harbour Towers, 345 Quebec Street***
11:30 - 1:30**

Border Air Quality Study: Estimating Traffic-Related Air Pollution at Neighbourhood Levels - A Geographic Approach

***Eleanor Setton, PhD Candidate – Geography
Department, University of Victoria***

The Border Air Quality Study (BAQS) will be the first in North America to use a method for determining chronic exposure to traffic-related air pollution at the postal code level. This method, called land-use regression, has been used in several studies in Europe, and was developed in collaboration with Dr. Michael Brauer of UBC. Land-use regression, which uses GIS extensively, has some advantages over other methods for predicting or interpolating pollutant levels, in that the input data requirements are relatively low. The inner workings of land-use regression will be presented (in a not too technical manner) along with results of a validation campaign for NO₂.

Eleanor is a member of the Border Air Quality Study (BAQS) team investigating the effects of traffic-related air pollution on pregnant women and their subsequent newborns in the Georgia Basin Puget Sound airshed. Researchers at UVIC, UBC, and the University of Washington are collaborating on this large study, scheduled to continue until March 2007. Eleanor's expertise is in geographic information systems, and her research interest is in developing methods for incorporating high resolution spatial data into exposure assessment.