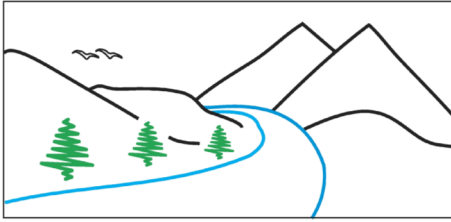


NRESi



"Our environment is our future"

**Thursday**  
**Apr. 22, 2010**

**4:00 - 5:00**

**LECTURE THEATRE**

**7 - 150**

## RESEARCH COLLOQUIUM SERIES

**Dr. Douw G. Steyn**

Professor, Dept. of Earth & Ocean  
UBC



## Globalization of Smog

The prevailing conception of photochemical smog has been one of an urban based problem that is expressed at a regional scale. I will outline the ideas that lead to this conception, and then will show evidence that photochemical smog has a hemispheric (if not global) expression. I will examine the links between northern hemisphere development, and the global distribution of ozone, and will show how regional smog management initiatives have reduced peak (episode) values, while increasing lower concentrations, thus contributing to an increase in the hemispheric background ozone pollution levels. I will examine environmental, health and management consequences of these changes.