

Three Essays on Environmental Economics

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Abstract

This dissertation examines topics on the economics of air pollution from several different perspectives. It is divided into three separate, but equally important essays. The first essay, an empirical approach is taken to investigate the linkages between per capita carbon dioxide emissions across countries. World markets for energy resources are identified as mechanisms that coordinate emissions between countries. The second essay, the effects of financial relief programs on firm emission decisions are examined using a theoretical approach. The third and final essay, the relationship between income and air quality is estimated using a dynamic panel data model for a selection of Canadian provinces.