

Project: Economic analysis of carbon pricing and GHG emissions regulation
Proponent: Fertilizer Canada – Alberta
Consulting team leader and primary researcher for an analysis of competitiveness impacts of carbon pricing and GHG emissions regulation on the Alberta fertilizer industry. Developed partial equilibrium economic analysis framework to quantify competitiveness impact of GHG emissions regulation on the fertilizer industry, and drafted a submission to the Alberta Government for Fertilizer Canada on the likely competitiveness effects on the Alberta fertilizer industry of the Alberta Government's proposed carbon pricing and the output-based allocation (OBA) system for regulation of industrial GHG emissions.
Project: Economic impact analysis of a container port
Proponent: Port Metro Vancouver - BC
Economics and marine resource discipline lead and primary researcher for several studies, including an input-output based economic impact study of a proposed major container port to be located at Delta, BC (Roberts Bank Terminal 2 Project). Used the BC I-O Model to estimate GDP, employment, business revenue and tax revenue effects of the construction and operation phases of the project. See http://www.ceaa-acee.gc.ca/050/documents/p80054/101352E.pdf
Project: Economic analysis of recreational experiences
Proponent: Environment Canada
Consulting team leader and primary researcher for a project that estimated non-market economic values using the contingent valuation method for a range of tourism and recreation experiences in the Fraser River Basin of British Columbia. The project included a major survey of tourism and recreation users and a sophisticated questionnaire format to elicit tourist and recreation participant valuations of their outdoor experiences. A mathematical model was constructed to analyze the dichotomous choice survey results and produce economic value estimates for various tourism and recreation experiences. (see http://publications.gc.ca/collections/collection_2015/ec/En83-6-1996-21-eng.pdf)
Project: Economic development strategies, competitiveness analyses and industry analyses
Proponents: various
Researched and developed regional and community economic development plans for several communities and regions throughout BC (including but not limited to Squamish, Elk Valley, Mission, Quesnel, Prince George and Oliver). These projects included in-person interviews, liaison with local committees, goal setting, strategies by industry sector, economic development activities, project feasibility studies, various analyses (including shift-share and location quotients) and implementation plans and budgets. Undertook several industry and competitiveness analyses in forestry, agri-food and clean technology areas and prepared several regional forest sector strategies.