



CIRRELT

CRI²GS

Centre sur l'intelligence² en
gestion de systèmes complexes

Séminaire conjoint CIRRELT et CRI2GS

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Collaborative Regional Distribution Network Design: Challenges and Modelling

Abstract:

The benefits of collaboration and pooling of resources have been studied in commercial logistics for over two decades. Here, companies seek to define and plan a distribution network, using common means, to improve efficiency and efficacy. Moreover, in non-commercial settings (communitarian, humanitarian, or healthcare) such strategies become more interesting, especially when facing very limited resources, strong labor shortages, and seasonal demand. Inspired by the cases of a Bioalimentary consortium in Quebec, in this CRI2GS seminar will discuss the issues of tackling said business models when product perishability imposes time-dependent operational constraints. Moreover, a mathematical model, where the selection of intermediate facilities and collection and delivery routes design decisions are taken in an interdependent, fashion will be presented.

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Daniel Ocampo-Giraldo is a Ph.D. student at ESG-UQAM with a background in Civil and Environmental Engineering, with theoretical and practical experience in GIS applied to transportation planning and sustainable transportation system

JEUDI / THURSDAY

11 Mai / May 11th, 2023

11h00

Salle / Room DS-3650
Pavillon des sciences de la gestion
ESG-UQAM

Ouvert à tous / Open to all

Organisatrice / Organizer

Ana María Anaya-Arenas

