FOM Research Seminar Series – Sept 29, 2022

Time: September 29 (Thursday, 11:30-1:00pm)
Microsoft Teams Meeting

Talk #1

Coastal and Marine Tourism in Nova Scotia: From Conservation Management to Scientific Tourism

Dr. Camilo M. Botero
Visiting Scholar, Rowe School of Business, Dalhousie University

Abstract: Nova Scotia has more than 6000 km of coastline, with hundreds of different landscapes. During the last years, the provincial tourism strategy has focused on authentic experiences, where visitors are involved in very well-designed products. Although the coast is already included as an attraction to visitors, the activities proposed are still centered on few choices, omitting many of the opportunities than coastal areas have for tourism. This presentation will show the current offer of Nova Scotia for coastal and marine tourism, classifying the products by types of experiences and coastal regions. This presentation will also show the first coastal scenery evaluation of Nova Scotia's beaches, which was done by researchers from Canada and Colombia before the COVID-19 pandemic. After a short discussion, the presentation will reflect on the potential that coastal and marine tourism has for conservation management of coastal areas, and the development of new typologies of tourism, which is a journey to walk and row the coastal zones of Nova Scotia province.

Dr. Botero is Explorer and Coastal Geographer. He is also an expert in integrated coastal management, coastal law and beach management. He received his doctorate in Water and Coastal Management and is a full member of the Academy of Geographical Sciences of Colombia, a member of the Coordination Council of the Ibero-American Beach Management and Certification Network – PROPLAYAS, and a researcher at the Law School of Sergio Arboleda University - Santa Marta (Colombia). He is a reviewer in journals of Elsevier and MDPI. He serves as an academic reviewer of the Ministry of Education of Colombia. He has authored more than 100 publications (SCOPUS h-index=18), and is the director and audiovisual producer on scientific coastal and marine topics, including the YouTube Series "*Beach Tourism in Times of COVID*".

Talk #2

Product Collection Structures in Closed Loop Supply Chains

Dr. Iman Nosoohi
Assistant Professor, Rowe School of Business, Dalhousie University

Abstract: Recycling used products has long been considered environmentally and financially beneficial. It can help reduce carbon footprint, save energy, prevent pollution, reduce greenhouse gases, and more. One of the important decisions faced by manufacturing companies is how to design a proper recycling structure. In this research, we study three single-channel structures, three dual-channel structures, and one triple-channel structure for collecting and recycling used products. We consider a cost for collecting used products and a cost for inspecting them and detecting useable items. In all structures, a manufacturer sells original products to a retailer, and then the retailer sells the final product to a market with price-dependent demand. We optimize both the manufacturer and retailer's pricing decisions and compare these structures from the manufacturer's perspective. We determine conditions under which each structure outperforms others. According to our results, the triple structure is more profitable for the manufacturer when most of collected products are recyclable.

Dr. Iman Nosoohi is an Assistant Professor at the Department of Supply Chain and Decision Sciences, at Rowe School of Business. Iman's research interests include contracts and supply chain coordination, revenue management in supply chains, and operations-marketing interface. His work has been published in outlets such as: *Journal of Retailing and Consumer Services*, *European Journal of Operational Research*, and *Computers and Industrial Engineering*. He uses mathematical modeling and game theory methodologies in his research.