



Thematic Section on

“Sustainability in Transportation and Logistics”

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Sustainability applied to transportation and logistics systems is an area of innovative research that considers actions aimed at improving the economic, environmental and social performance of passenger and freight transport and logistics. In this context, recent research has focused on: (i) feasibility analysis of new modes and/or new transport technologies allowing for a more efficiency; (ii) proposition of behavior and forms of choice change by transportation system users; (iii) introduction of new energy sources for transportation; and (iv) reduction of emissions of atmospheric pollutants and greenhouse gases, noise as well as solid and liquid waste with a consequent positive impact on human health and the environment.

Aware of the need to introduce these issues in the planning, design and evaluation of the performance of transportation and logistics systems, it is **opportune to establish a thematic section that considers the submission of manuscripts focused on the application of the concept of sustainability in transportation and logistics.** These articles are expected to consider, without limitation, the following topics:

- Issues related to social and environmental impacts caused by logistics and transport operations (passenger or freight) and how to analyze and evaluate them;
- Feasibility analysis of new modes and/or new technologies for logistics and transport operations (passengers or freight) to make them more energy efficient;

- The proposition of behavior changes and/or the forms of modal choice by the users of the transportation system (passenger or freight) that privilege the evaluation of sustainability of the operation;
- The introduction of cleaner energy sources than the use of fossil fuels (oil) in all modes of transport;
- The electromobility of passengers and freight in a vision that integrates transport systems with other services in the cities;
- Urban logistics, green logistics, sustainable logistics extended to supply chain concept;
- Active mobility and the privilege of using non-motorized modes of transport for passengers and freight transport;
- Reducing the emission of atmospheric pollutants and greenhouse gases, noise and solid or liquid waste emitted by the transport sector (passenger and freight) and logistic operations, with consequent impacts on human health and the environment.
- The use of approaches, methodologies, methods, procedures and tools that seek to extend the performance evaluation of logistics and transport operations considering environmental and social aspects, such as, but not limited to:
 - emission inventories (top-down and bottom -up approaches),
 - ASIF (activity, structure, intensity and fuel),
 - ASI (avoid, shit, improve) methodologies,
 - value analysis,
 - life cycle analysis (LCA),
 - monitoring methods, among others.

Production Journal is a scholarly publication that aims to foster knowledge creation and dissemination. The thematic section guest editor invites scientists, engineers and decision makers from government, industry and academia to contribute with research papers. The manuscripts must present well-described background; clear aims; robust methods; well-presented and thoughtfully discussed results, with an original and relevant theoretical, empirical and/or methodological contribution.

Submission

For author guidelines, please refer to www.prod.org.br. **A detailed cover letter must be submitted, in which authors highlight the manuscript adherence to the Editorial scope of the journal, theoretical and practical relevance, aims, methods, main results and its original theoretical, empirical and/or methodological contribution.**

Important Dates

Thematic Session Open	November 2018
Submission Deadline	25th April 2019
Expected Publication	September 2019