

Open Invited Track for IFAC MIM 2019

“Design and Management of Humanitarian Supply Chains”

IFAC MIM 2019, August 28-30, 2019, Berlin, Germany

Code: XXXX

<https://ifac.papercept.net/>

Guest Editors:

Prof. Angappa Gunasekaran

E-mail: agunasekaran@csub.edu

Dr. Rameshwar Dubey

E-mail: r.dubey@montpellier-bs.com

Prof. David Roubaud

E-mail: d.roubaud@montpellier-bs.com

Prof. Samuel Fosso Wamba

Email: s.fosso-wamba@tbs-education.fr

Prof. Thanos Papadopoulos

E-mail: A.Papadopoulos@kent.ac.uk

Dr. Benjamin T. Hazen

E-mail: benjamin.hazen@live.com

Prof. Cyril Foropon

E-mail: c.foropon@montpellier-bs.com

Prof. Mihalís Giannakis

E-mail : mgiannakis@audencia.com

Dr. Shivam Gupta

E-mail : sh.gupta@montpellier-bs.com

Motivations

In recent years, the field of humanitarian supply chain design has attracted increasing interest among academics and practitioners. Scholars have argued that the humanitarian supply chain may be guided by similar theories to the commercial supply chain but humanitarian logistics and supply chains require different approaches in order to manage. The design of the humanitarian supply chain is quite challenging, as the impact of poor design is quite severe. The aims of the humanitarian supply chain design are to move efficiently and effectively different forms of food, medicines, and medical support to ensure quick recovery (Holguin-Veras et al., 2012). The high failure rate of the humanitarian supply chain network can be largely ascribed to the complexity in humanitarian supply chain. The number of disasters is increasing globally, as in the number of lives

affected by disasters (Nagurney et al. 2011). To this respect, this track aims at presenting new and innovative approaches to design and manage complex humanitarian supply chains.

Topics for this track may include (but are not limited to):

- Humanitarian logistics and supply chain management;
- Role of Artificial Intelligence and Big Data & Predictive Analytics in managing humanitarian supply chain;
- Agility in humanitarian supply chains;
- Adaptability in humanitarian supply chains;
- Alignment in humanitarian supply chains;
- Coordination and collaboration in humanitarian supply chains;
- Resilience in humanitarian supply chains;
- Disaster relief operations;
- Role of humanitarian actors;
- Swift-Trust;
- Military-civil interface in humanitarian operations;
- Capacity building;
- Behavioural humanitarian operations;
- Relationship management in context to humanitarian operations;
- Performance measures and metrics in humanitarian supply chains;
- Logistics in humanitarian operations;
- Information sharing and technology adoption in humanitarian operations;
- Total quality management in humanitarian supply chain and logistics;
- Costing in humanitarian logistics and supply chains

Purposes:

The main purpose of this track is to bring together experts and attract high-quality papers in the humanitarian supply chain field, to build strong literature base for scholars and practitioners. We greatly encourage theory driven research to explain the complex network of humanitarian actors and the role of innovative technologies to design and manage humanitarian supply chains.

Submission:

For author guidelines, please refer to www.ifac-control.org. All papers must be submitted electronically using Symposium Manuscript Management System (CMMS). All papers must be prepared in a two-column format in accordance with the IFAC manuscript style. Please use the official IFAC instructions and template to prepare your contribution as full-length draft paper and submit it online by December 15, 2018. Submission details are available on the symposium website. All submissions must be written in English. All papers that conform to submission guidelines will be peer-reviewed by IPC members. The corresponding author submits the paper online (pdf format) as an open invited track paper. Submission as an invited paper requires the open invited track code XXXX. Several international journals are associated with MIM 2019 for special issue publication.

Important dates:

December 15, 2018 Deadline for the submission

February 20, 2019 Notification of acceptance/rejection

March 15, 2019 Deadline for the final submission