

Guest Editors:

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Call for Papers

Special Collection: Humanitarian Supply Chain and Logistics Management in Sudden, Urgent Events: Emergencies, Disasters, and Humanitarian Crises



Aims & Scope

Commercial supply chains are typically used in disaster and crisis response, but crises are non-routine and highly variable, and often impact resource-poor areas of the world. The humanitarian supply chain is needed to provide goods, services, relief aid, and information to those affected by disasters. The humanitarian supply chain is the bridge between disaster preparedness, response, and recovery. However, researchers have found that most humanitarian supply chains are unstable, unpredictable, and slow to respond to the needs of those affected, which often leads to a breakdown in response. There is urgency to improve the resiliency of the humanitarian supply chain and logistics management. The coronavirus (COVID-19) pandemic has demonstrated the fragility of the supply chain generally and exposed the need to harden our social and technical systems, including the humanitarian supply chain, to respond.

Currently, there is not enough academic and empirical focus on the humanitarian supply chain, and within it, disaster logistics. With this special collection, the Natural Hazards Review hopes to make a substantial contribution to the understanding of humanitarian supply chain knowledge as a sub-discipline of supply chain management theory and praxis. The topics covered here aim to improve international, national, and regional capacities for disaster risk analysis, management, and governance.

Papers submitted to this special collection should address some of the gaps in the sub-field and provide an in-depth understanding of the issues and challenges. Papers should significantly advance theory or have direct or indirect practical relevance to work in the field. Papers are invited that address, but are not limited to, the following topic areas:

- Theories, concepts, frameworks on humanitarian supply chain and logistics management – reviews of relevant literature, methods, approaches, challenges, dimensions and key concepts, and cross-disciplinary theories.
- Governance and Organizations – Regulations, agreements, legislation, global response systems, and collaborative mechanisms.
- Pandemics, epidemics, and emerging threats response – Capacity and capabilities for vaccine development, facilities, preparedness protocols, funding and budgeting, quarantine protocols, transportation of people and things, hard-to-reach populations, technologies, and coordination and bottleneck issues.

continued

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- Logistics, resilient design and management – Risk and contingency management, transportation, budgeting, stock storage and distribution management, information management, human resources (volunteer and professional), resilient design, and coordination and bottleneck issues.
- Novel approaches – Resource-poor environments, agility, data and analytics, software for mapping, tracking, and forecasting, and case studies.

Submission Guidelines

We invite Forum articles, Technical Notes, Technical Papers, and Case Studies. Article type descriptions (including length limits) and preparation guidelines can be found in “Publishing in ASCE Journals: A Guide for Authors” (<https://ascelibrary.org/doi/book/10.1061/9780784479018>).

The submission deadline for this special collection is March 1, 2021.

Authors should follow the guidelines for ASCE journal submission and submit manuscripts electronically through the journal’s Editorial Manager website: <https://www.editorialmanager.com/jrnnheng/Default.aspx>

When submitting, authors should indicate in the submission questions that the paper is being submitted in response to this call for papers (“SC Humanitarian Supply Chain and Logistics”) and the Guest Editors’ names.

Please note that this is an invitation to submit papers for peer review and does not imply acceptance for publication. Acceptance of submitted papers depends on the results of the normal refereed peer review process of the journal. We will make every effort for a rapid review process.

All accepted papers submitted through this solicitation will be published in regular issues of the journal as they are accepted, and they will be added to a special online collection (which is similar to a print version of a special issue) and will be indexed for citations like other regular journal papers).