

Resource List
Private Sector Supply Chains and
Emergency Management
Dr. Jarrod Goentzel & Dr. Yossi Sheffi

PrepTalks Resource Lists highlight publicly available materials that relate to the PrepTalk topic. These resources provide a more in-depth understanding of the topic to enhance the whole community discussion.

Private Sector Supply Chains and Emergency Management

- <u>Massachusetts Institute of Technology: Center for Transportation and Logistics</u> https://ctl.mit.edu/
 - o Humanitarian Supply Chain Lab

https://humanitarian.mit.edu/

The mission of the MIT Humanitarian Supply Chain Lab is to understand and improve the supply chainsystems behind public services and private markets to meet human needs.

o MicroMasters Program in Supply Chain Management

https://micromasters.mit.edu/scm/

MITx MicroMasters® program provides an end-to-end understanding of supply chain management. MIToffers the entire course free of charge. There is a course fee to receive a certificate of completion.

o Resilience: Restoring Business Operations After a Hurricane

https://ctl.mit.edu/sites/ctl.mit.edu/files/attachments/Supply Chain Resilience- Restoring Business Operations After a Hurricane_0.pdf

This summary report identifies opportunities for improvement from MIT's Humanitarian Response Lab at the Center for Transportation and Logistics roundtable on supply chain resilience in the face of large- scale disasters.

 Stochastic modeling to allocate and assess disaster response capacity in logistics networks https://dspace.mit.edu/handle/1721.1/98656

This thesis uses stochastic modeling and related metrics to answer three central questions that inform the development of a framework for applying these metrics for evaluating the disaster response capacity of a logistics network.

• Federal Emergency Management Agency

https://www.fema.gov/

National Business Emergency Operations Center

https://www.fema.gov/nbeoc

FEMA's virtual clearing house for two-way information sharing between public and private sector stakeholders in preparing for, responding to, or recovering from disasters.













o **Business Continuity Planning Suite**

https://www.ready.gov/business-continuity-planning-suite
Created for any business with the need to create, improve, or update its business continuity plan.
TheSuite is scalable for optimal use by organizations of any size.

FEMA National Integration Center (NIC) Technical Assistance (TA) Program
 https://www.fema.gov/fema-technical-assistance-program
 NIC TA can assist jurisdictions with mapping supply chains and engaging with the private sector.
 Email:FEMA-TARequest@fema.dhs.gov

National Academies of Sciences, Engineering, and Medicine

http://nationalacademies.org

 Building Adaptable and Resilient Supply Chains after Hurricanes Harvey, Irma, and Maria http://sites.nationalacademies.org/PGA/ResilientAmerica/PGA_188024
 After Hurricanes Harvey, Irma, and Maria, FEMA sponsored a National Academy of Sciences study toconduct a thorough and impartial examination of the private sector's supply chain constraints and torecommend how private sector and government response plans and planning can best collaborate based on lessons learned.









