



# HHSCM 2025

## Responsive Supply Chain Design and Operations mps2025

Delivering sustainable solutions for public health and humanitarian events is impacted by various factors such as geographic location, social and political conditions, local economy, and infrastructure. Mapping long-term development efforts and responding to healthcare or humanitarian challenges often involves uncertainty in timing, scope, or scale. Pre-planning for resources and actions requires an understanding of various topics such as: forecasting, distribution, network design, and inventory management. This course will examine methods and models for making pre-planning decisions and explore the significant value of informed decision-making in preparation for emergencies or long-term strategy for sustaining wellness.

## Inventory Management and Resource Allocation in Supply Chains mps

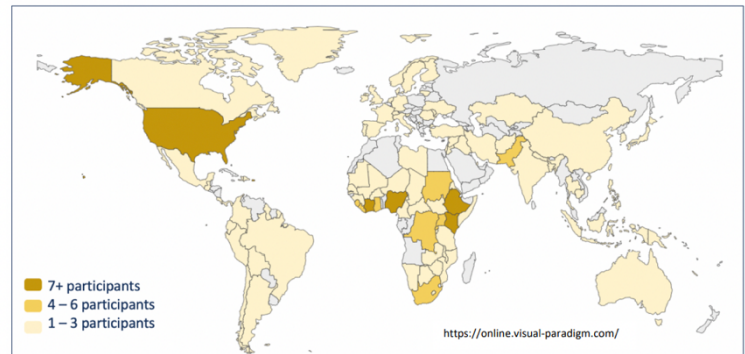
Numerous operational decisions must be made during public health and humanitarian challenges. Many of these decisions are concerned with the timely and efficient procurement, allocation, and distribution of resources (e.g., funds, supplies, personnel, volunteers) through supply chains. This course will explore methodologies for operational decision-making including procurement and inventory policies, strategies for distribution and allocation of limited resources, and transportation decisions.



## Systems Operations and Strategic Interactions in Supply Chains mps

Often the lack of cooperation and coordination between organizations or stakeholders lead to inefficiencies, despite having common goals. A systems view is needed to ensure appropriate use of scarce resources to meet the multiple, and often conflicting, short- and long-term goals from multiple constituents. This course will focus on conceptual and modeling skills to understand and effectively manage supply chains and operations from a systems perspective. Models will address system characteristics that drive system dynamics and policies to regulate performance. Course topics include methods for improving coordination and collaboration, addressing demand dependencies, and reliably measuring and evaluating system performance.

**HHSCM Program Reach:** Participants across all HHSCM program offerings have lived or worked in over 95 countries. (Below)



For the past 12 years, the Health & Humanitarian Supply Chain program has trained practitioners from organizations around the world including: International Committee of the Red Cross, CARE USA and CARE International, The Centers for Disease Control and Prevention (CDC), Doctors without Borders, Habitat for Humanity International, Last Mile Health, Save the Children, OXFAM, Partners in Health, Task Force for Global Health, USAID/ PEPFAR, UNHCR, UNICEF, UNWFP, World Vision International, and International Organization for Migration (IOM).



## Learn More and Register Online

1. Visit: <https://pe.gatech.edu/certificates/health-humanitarian-supply-chain-management-certificate>
2. Scroll down to the blue "Requirements" box and select "Course Details" for the first course.
3. Scroll to "Upcoming Sessions" and select "Register".
4. The course will be added to your "Shopping cart."
5. Navigate back to initial link and repeat steps for the second and third course.
6. Ensure all three courses are in your "Shopping cart" at the top of the page and continue to Checkout.

## Apply for Scholarship

A limited number of scholarships are available for participants from non-governmental organizations and / or developing countries. To learn more and apply for scholarship, please visit: [G22EVAGGVNP2RAGRDL11VRVAGLUP1VGOEV](https://pe.gatech.edu/certificates/health-humanitarian-supply-chain-management-certificate/scholarship)

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