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Abstract

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A Path Towards Assessing and Increasing Health System Resilience in Non-traditional Flood Areas

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Abstract

Rapid deforestation, urbanization, and biodiversity loss over the last century has changed landscapes and disorientated the climate. This has magnified temperature, wind speed, air quality, and other meteorological variables. For example, the urban heat island effect has resulted in city areas being hotter than nearby rural areas and expanding physical landscapes combined with shifting precipitation patterns has increased flood risks in new locations. The result has been unexpected disruption to healthcare, supply chains, and changes in vector, water, and foodborne disease patterns. To find solutions to this challenge, a transdisciplinary approach is needed to assess and anticipate the impact of floods and other emerging risks on public health systems. The United Nations Public Health System Resilience Scorecard (Scorecard) could provide the process needed for this to occur. This is a reliable, scalable, and versatile tool that has been applied and tested in multiple communities and countries. Attendees to this session will learn about the Scorecard methodology and how it can be applied in different settings, used to build consensus, and employed to inform future resilience actions. Ultimately, providing a framework for maximizing the resilience of public health systems during a time of rapidly shifting environmental, social, and fiscal climates.

Learning Objectives: Identify the impact floods and other disasters can have on public health systems in non-traditional at-risk areas.

Explore the United Nations Public Health System Resilience Scorecard (Scorecard) and its alignment with the 2030 United Nations agenda.

Understand why a transdisciplinary approach is needed to assess the impact of floods and other emerging risks on public health systems.

Demonstrate how the Scorecard can be applied in multiple communities and countries to identify, rank, and prioritize resilience actions for public health systems.

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