

## Chapter 6.1 - Health EDRM research in the Context of COVID-19

### Authors:

**Qudsia Huda**, Disaster Risk Management and Resilience Unit, WHO Health Emergency Programme, WHO, Geneva, Switzerland.

**Mike Clarke**, Centre for Public Health, Queen's University, Belfast, United Kingdom; Evidence Aid, London, United Kingdom.

**Virginia Murray**, Global Disaster Risk Reduction, Public Health England, London, United Kingdom.

**Emily Y.Y. Chan**, CCOUC, Faculty of Medicine, CUHK, Hong Kong SAR, China.

**Chi Shing Wong**, CCOUC, Faculty of Medicine, CUHK, Hong Kong SAR, China.

**Ankur Rakesh**, Disaster Risk Management and Resilience Unit, WHO Health Emergency Programme, WHO, Geneva, Switzerland.

**Ryoma Kayano**, Centre for Health Development, WHO, Kobe, Japan.

### **Further Reading**

1. World Health Organization. A Coordinated Global Research Map: 2019 Novel Coronavirus. WHO: Geneva March 2020. Available at [https://www.who.int/blueprint/priority-diseases/key-action/Coronavirus\\_Roadmap\\_V9.pdf](https://www.who.int/blueprint/priority-diseases/key-action/Coronavirus_Roadmap_V9.pdf).

### **Summary of this document:**

The global research roadmap aims to support research priorities in a way that leads to the development of sustainable global research platforms that facilitate the implementation of high priority research, frameworks, the scaling up of interventions and the coordination of equitable access to health needs in order to be prepared for future epidemics and pandemics.

The roadmap was developed by the WHO in collaboration with the Global Research Collaboration for Infectious Disease Preparedness and Response (GLOPID-R), who organized a Global Forum on research and innovation for COVID-19, to develop immediate and mid- to long-term priorities for containing the pandemic and to support future global preparedness.

2. Independent Panel for Pandemic Preparedness and Response. COVID-19: Make it the last pandemic. Available at [https://theindependentpanel.org/wp-content/uploads/2021/05/COVID-19-Make-it-the-Last-Pandemic\\_final.pdf](https://theindependentpanel.org/wp-content/uploads/2021/05/COVID-19-Make-it-the-Last-Pandemic_final.pdf)

**Summary of this document:**

The COVID-19 pandemic revealed global inequalities, highlighting the need for vaccine equity and better preparation for novel disease outbreaks.

The Independent Panel for Pandemic Preparedness and Response has called for international system level changes in regards to pandemic preparedness, including measures to stop the COVID-19 pandemic, and improve future pandemic response. Their suggestions are: develop stronger global leadership and coordination; give the WHO additional authorities through financing and increasing their independence; invest now for future pandemic preparedness; improve and invest in international health surveillance; develop a pre-negotiated platform to produce vaccines, diagnostics, therapeutics and supplies; raise international finances for pandemic preparedness; and increase national coordination for pandemic preparedness.

3. World Health Organization. From Worlds Apart to a World Prepared: Global Preparedness Monitoring Board report 2021. Available at: <https://www.gpmb.org/annual-reports/annual-report-2021>

**Summary of this document:**

The COVID-19 pandemic made it apparent that major reforms are needed in the global health emergency ecosystem, in response to a “broken world” that is inequitable, unaccountable and divided.

The Global Preparedness and Monitoring Board (GPMB) listed six solutions it wishes to prioritize: strengthening global governance, increasing assistance to the WHO, creating a more agile health emergency system (based on equity), establishing a collective financing mechanism, empowering communities and increasing engagement and strengthening independent monitoring and mutual accountability.