



PMAC | PRINCE MAHIDOL
AWARD CONFERENCE **2022**

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**MANAGING PANDEMICS DURING THE FOURTH INDUSTRIAL REVOLUTION
(TECHNOLOGICAL REVOLUTION)**

| BACKGROUND

The COVID-19 Pandemic was a showcase of how governments, industries, communities and individuals applied the state-of-art technologies to the evolving situation at ever unprecedented speed and scale. This PMAC-2022 session is dedicated to cover some recent changes / technological revolutions that are changing management of epidemics/ pandemics, highlighting challenges and opportunities. Developers, owners, users of emerging technologies will tell us about their success stories... It is truly our pleasure to provide this fantastic opportunity to learn about the futuristic views of managing epidemics and pandemics in the future. The COVID-19 Pandemic was a showcase of how governments, industries, communities and individuals applied the state-of-art technologies to the evolving situation at ever unprecedented speed and scale. This PMAC-2022 session is dedicated to cover some recent changes / technological revolutions that are changing management of epidemics/ pandemics, highlighting challenges and opportunities. Developers, owners, users of emerging technologies will tell us about their success stories... It is truly our pleasure to provide this fantastic opportunity to learn about the futuristic views of managing epidemics and pandemics in the future.

| OBJECTIVES

To learn about innovative tools and ideas in managing epidemics and pandemics now and in the future.



Speaker

Michael J Ryan

Executive Director, WHO Health Emergencies Programme

World Health Organization
Switzerland

Dr. Mike Ryan has been at the forefront of managing acute risks to global health for nearly 25 years. He served as Assistant Director-General for Emergency Preparedness and Response in WHO's Health Emergencies Programme from 2017 to 2019

Dr. Ryan first joined WHO in 1996, with the newly established unit to respond to emerging and epidemic disease threats. He has worked in conflict affected countries and led many responses to high impact epidemics. He is a founding member of the Global Outbreak Alert and Response Network (GOARN), which has aided the response to hundreds of disease outbreaks around the world. He served as Coordinator of Epidemic Response (2000-2003), Operational Coordinator of WHO's response to the SARS outbreak (2003), and as WHO's Director of Global Alert and Response (2005-2011).

He was a Senior Advisor on Polio Eradication for the Global Polio Eradication Initiative from 2013 to 2017, deploying to countries in the Middle East.

He completed medical training at the National University of Ireland, Galway, a Master's in Public Health at University College Dublin, and specialist training in communicable disease control at the Health Protection Agency in London and the European Programme for Intervention Epidemiology Training.