

Source: Hassan Abo Elainin



## Topic B: Strengthening Biosecurity to Prevent Environmental and Public Health Crises

Biosecurity is a strategic and integrated approach that encompasses the policy and regulatory frameworks (including instruments and activities) for analyzing and managing relevant risks to human, animal, and plant life and health, and associated risks to the environment.

Around the world, biological threats are becoming more frequent due to globalization and environmental change, posing risks to both human and ecological health. Weak regulations and limited awareness allow diseases to spread from animals to humans, as seen during the COVID-19 pandemic.

To address these challenges, UNEP is persistent in advocating for biosecurity, promoting and raising awareness, which involves preventing and managing infectious diseases that may be transmitted among humans, animals, and the environment, encouraging nations to enhance their institutional biosecurity systems. Aiming to develop proactive strategies to safeguard food, ecosystems, and human health from harmful and catastrophic pests and diseases.