

Topical Collection

Encyclopedia of One Health

Message from the Collection Editors

The study of One Health addresses complex global challenges arising from interactions between human, animal, and environmental health. These domains have become increasingly apparent in the face of emerging infectious diseases and environmental degradation. Zoonotic diseases, crossing the species barrier from animals to humans, strongly support the need for a One Health perspective. By studying One Health topics, factors contributing to the emergence of such diseases and infections can be identified and strategies can be developed to aid in their prevention and control. Environmental changes, driven by human activities, also influence health outcomes. A One Health approach allows for a comprehensive understanding of interconnected relationships between humans, animals, and the environment, supporting the development of sustainable solutions. One Health research is also essential for developing responsible agricultural practices, preserving biodiversity, and ensuring food security.

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