



CAB ABSTRACTS **HOT TOPIC:**

Coronaviruses and COVID-19

From north to south, COVID-19 has had a profound and damaging effect on agricultural communities, systems and economies. Following the first detection of the disease in Wuhan, China in 2019, the virus spread rapidly across the globe during the first few months of 2020. Like other coronaviruses, the new coronavirus is thought to have spread to humans from wild animals.

CAB Abstracts provides a central collection of existing and new research on the emergence and transmission of zoonotic diseases, including coronaviruses, and their impacts on agriculture, food supply chains and rural livelihoods. CAB Abstracts brings together the work of scientists, researchers and specialists to inform future research and management.

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CAB Abstracts sources the world agricultural, environmental, veterinary and public health literature to provide the complete picture on the sources and impacts of coronaviruses, including information on:

- Animals as vectors of disease:** bats, snakes and pangolins have all been linked to the initial outbreak of the COVID-19 pandemic in Wuhan, China. Coverage includes animals as reservoirs and vectors of viruses pathogenic to humans and animals.
Animal coronaviruses, interspecies transmission and zoonotic potential.
Eurasian Journal of Veterinary Sciences, 2020
Wide diversity of coronaviruses in frugivorous and insectivorous bat species: a pilot study in Guinea, West Africa.
Viruses, 2020
- Food supply chains:** crop and livestock production during the COVID-19 pandemic have been affected by a lack of access to inputs, processing equipment and markets, and by trade restrictions and labour shortage.
Assessing the impact of the COVID-19 pandemic on agricultural production in Southeast Asia: toward transformative change in agricultural food systems
Asian Journal of Agriculture and Development, 2020
- Ecosystem degradation and biodiversity loss:** deforestation, land use change and wildlife trade deprive viruses of their natural hosts and increase human-wildlife interactions, promoting the emergence of zoonotic diseases including coronaviruses.
Viral, host and environmental factors that favor anthropozoonotic spillover of coronaviruses: An opinionated review, focusing on SARS-CoV, MERS-CoV and SARS-CoV-2.
Science of the Total Environment, 2021
- Food and nutrition security:** COVID-19 is affecting food and nutrition security and food prices worldwide. Effects of poor nutrition on health include reduced immune response to viral infection.
Food (in)security in Brazil in the context of the SARS-CoV-2 pandemic.
Cadernos de Saúde Pública, 2020
Resilient agri-food systems for nutrition amidst COVID-19: evidence and lessons from food-based approaches to overcome micronutrient deficiency and rebuild livelihoods after crises.
Food Security, 2020

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