

## Commemorating Earth Day 2024

# Earth: What Lies Ahead?

## Geoscientific Visions for One Health Approach

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One health is a holistic approach that recognizes the importance of studying the interactions between the environment and human and animal health.

Multidisciplinary approaches are required to solve more complex problems related to human, animal and environmental health at local, regional and global levels. These approaches introduced the "One Health" concept to address more complex health problems, incorporating expertise from diverse disciplines such as medicine, veterinary medicine, environmental science, anthropology, economy, and sociology, among many others. In the One Health concept, geoscientists play an essential role in understanding the relationship between the geological environment and human health. A sub-discipline of geology, 'Medical geology' is a field that studies the effects of environmental factors on the health of individuals and communities. Medical geology discusses the environmental exposure to macro- and micronutrients in soil, water and dust in the air, which can positively or negatively impact human and animal health.



## Plastics... is it Good or Bad... Where are We?

Dr. Sajith Edirisinghe

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Plastics: Are they essential to human life? Or have they led to one of the biggest man-made disasters in the world?

Several decades have passed since the invention of synthetic plastic, but until 2004 we were not aware that there is an unseen threat of a disaster to all living organisms called microplastics. Two decades have passed after the discovery of microplastics yet the question remains. Have we done our duty to reduce the contamination of microplastics and prevent it from entering to environment?

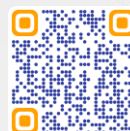
22<sup>nd</sup> April 2024 | 4.30 PM



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Zoom meeting information

Meeting ID: 912 2622 6620 | Passcode: iDTDS@02  
or scan the QR code



Hybrid mode  
At SLAAS headquarters  
and via Zoom