

EDITORIAL

Journal of the Geological Society of Sri Lanka (JGSSL) is a peer-reviewed and open access journal, aiming to publish the most topical and highest quality papers, summarizing the results of recent research across all sub-disciplines of the Earth Science. Papers are frequently interdisciplinary covering both pure and applied fields of Geology. Contributions often refer to local, regional and/or international studies and emphasize the development of the understanding of fundamental geological processes. Volume 22 – Issue 1 accommodates five full research papers in various sub-disciplines of Earth Sciences.

The first article “**Chemical, mineralogical and textural characterization of red earth formation in the northwest coast of Sri Lanka**” by Koralegedara et al. discussed mineralogy, textures and geochemistry of Sri Lankan red earth exposed in Puttalam and Mannar areas.

The second article by Young et al. titled “**Assessment and removal of suspended solids in hospital wastewater using clay in Sri Lanka**” focused on determining the most suitable filter material from five different alluvial clays to remove total suspended solids and total dissolved solids in untreated hospital wastewater and investigate a hospital that does not have a treatment plant to elaborate the requirement of a treatment plant.

A case study on “**Application of vertical electrical sounding for groundwater investigation in the premises of the Sabaragamuwa University of Sri Lanka**” by Jayalath et al. applied vertical electrical sounding using the Schlumberger electrode configuration and electrical profiling methods to the understanding of the subsurface geology and their potential as beneficial aquifers in Sabaragamuwa University of Sri Lanka.

The fourth article by U. Pramaratne, titled “**Modeling of the petroleum system in the Cauvery basin, Sri Lanka**” simulated the petroleum system in the Sri Lankan sector of the Cauvery Basin.

The fifth article by Balasooriya and Pitawala titled “**Development of bone ash from Eppawala apatite- Sri Lanka as a raw material for bone china production**” focussed to synthesize Bone ash analogue using Eppawala apatite.

Thus, the contributions in the current volume of the Journal of the Geological Society of Sri Lanka will allow the readers to be acquainted with recent cutting-edge research in Geology.

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14.03.2021