

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 21 – Issue 2 accommodates five full research papers in various sub-disciplines of Earth Sciences.

The first article “**Isochron translation and a geological criterion to declare an isochron***” by L.R.K. Perera discussed computer simulations of isochron translation during isotopic resetting.

The second article by V. Mathavan titled “**Microstructural features of garnet porphyroblasts in the granulite facies metapelites of the Highland Complex of Sri Lanka: evidence for a multiple growth history of garnet and early development of crenulation cleavage**” explained multiple growth history of garnet such as inclusion-free rims as an indicator for late- to post-D2 deformation.

The third article “**Radiometric surveying for Th and U mineralization in southwestern, Sri Lanka: radiological, mineralogical and geochemical characteristics of the identified radioactive anomalies**” by Sameera et al. explained the economic potential of U, Th, La, and Ce mineralization in southwestern, Sri Lanka.

A case study on “**Characterization of landslides: a preliminary electrical resistivity sounding approach**” by Christopher et al. applied vertical electrical sounding using the Schlumberger electrode configuration to identify subsurface nature on the creep-type landslide in Badulla.

The fifth article by Dissanayake et al. titled “**Synthesis of low-cost magnetite nano-architectures from Sri Lankan laterites**” focussed to synthesize magnetite nano-spheres assembled nano-architectures using laterite as a source of iron.

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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20.07.2020