

Special Issue

Study on Solid Waste Characterization and Control, and Pollutant Transport Dynamics

Message from the Guest Editors

The current problems due to environmental phenomena associated with the generation of solid waste, which encompass a myriad of origins such as agriculture, industry, domestic, construction, electronic waste, and many more, require multidisciplinary solutions. Understanding and knowledge of the transport mechanisms between different environmental factors are key aspects in order to minimize their scope and remediate their effects, through proper characterization and control. The presence of water is an important factor in the physical, chemical, and biological phenomena that trigger contaminating processes in the subsoil, and in the transport of these pollutants, whether through groundwater, runoff water, or river channels, often ending up in the seas and oceans. This diversity implies added difficulty in the study of pollutant mobility, compounded by the heterogeneous nature of the pollutants themselves. This Special Issue is dedicated to the publication of the latest advances in characterization and control methods, as well as in mathematical tools for modeling and analyzing the transport processes of solid waste in different media.

Guest Editors

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