

Special Issue

Human Health Effects of Environmental Exposures

Message from the Guest Editors

Environmental pollutants include natural and engineered respirable inorganic (nano)particles and fibers, heavy metals, organic pollutants, and different mixtures of these components. Exposure to these substances affects humans from early life, and it is associated with harmful outcomes including respiratory and cardiovascular disorders, allergy, oxidative-stress-related effects, infant mortality, cancer, autoimmune diseases, and many others. To face the future challenges, which are already urgent, the creation of a multidisciplinary approach ranging from the investigation of the source of environmental pollution to the effects on the population by clarifying the exposure routes, passing through the definition of the toxicological key events (AOPs) eventually leading to the development such detrimental consequences, is of pivotal importance. This Special Issue welcomes submissions focused on environmental pollution and its health effects on humans, examining this topic from multiple perspectives, including epidemiological as well as in vivo and in vitro mechanistic studies that enhance the knowledge on pollutants and their health implications.

Guest Editors

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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