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Heavy Metal Contamination and Exposure Risk Assessment via Drinking Groundwater

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Message from the Guest Editor

Heavy metal contamination of the groundwater through anthropogenic activities is a major problem and has become a global cause of concern. The main heavy metals emitted into the atmosphere by human activities are Zinc (Zn), Copper (Cu), Nickel (Ni), Lead (Pb) and so on. Some of these are toxic even at very low concentrations. Not only does it pose degradation of the quality of groundwater, but all the beings who depend on this contaminated water have started to face various health effects. So, there is an immediate need of proper assessment and analysis of these heavy metals. Many of the recent works on the check of groundwater quality around the globe especially in the developing countries have reported the contamination of groundwater sources. The effluent released from the industries is released sometimes directly into the water sources, leading to an immediate contamination of water.

Keeping in view of all these factors, this special issue will bring out the actual levels of contamination in the groundwater and also be helpful in assessment of health risks to the people being exposed to these heavy metals.



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Special Issue



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Message from the Editor-in-Chief

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