



water

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Application of Radioactive and Stable Isotopes in Characterisation of Water Bodies

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Message from the Guest Editors

Both radioactive and stable isotopes have a wide range of applications and their usage can be widened in the research of dynamics and characterization of water bodies which are all correlated with precipitation. Apart from hydrogen and oxygen isotopes, other isotopes that are constituents of matter dissolved in water can point toward the origin of water as well as its natural and anthropogenic impacts. Deposition/incorporation of isotopes in different archives can be used to characterize the water body in which they were formed. These archives give insight into past characteristics of water from which they were deposited and changes in the water types and the past environmental conditions can be studied from them. The obtained results could serve as a basis for the prediction of future constructive and destructive processes in different water environments.

This Special Issue relates to various possible applications of isotopes for characterization of water bodies and will primarily consider the characterization of isotopes, but additional information using other geochemical parameters such as concentrations of dissolved ionic forms that precipitate from water will also be welcomed.



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Special issue



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Message from the Editor-in-Chief

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