



## Groundwater and Geology of Coastal Areas

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### Message from the Guest Editor

In most of the planet, large cities tend to develop along coastal areas where there is also remarkable agricultural and tourist development. For these reasons, coastal aquifers are frequently subjected to intensive exploitation and, consequently, marine intrusion processes tend to proliferate, jeopardizing the supply of drinking water.

The geology of coastal aquifers plays a fundamental role in all these challenges. Coastal aquifers are often composed by quaternary sediments in which heterogeneity, and changes of facies and sedimentary architecture determine the dynamics. The chemistry of groundwater is controlled by interaction with sediment grains, and even coastal processes such as erosion and sedimentation can influence the quality and quantity of groundwater resources.

This Special Issue aims to arouse the interest of specialists working on multiple disciplines covering the wide range of topics, problems, and conflicts triggered by water use, exploitation, and management in coastal areas and their links with geology of aquifers.

Prof. Dr. Ranko Biondić  
*Guest Editor*





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