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Hydrogeological Impact of Natural Processes and Anthropogenic Disturbances

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Message from the Guest Editors

Natural processes (e.g., snowmelt, rainfall, evaporation, and earthquakes) and anthropogenic disturbances greatly affect the hydrogeological environment, leading to a series of hydro-geo-environmental problems or hazards, such as groundwater level rise and decline, land subsidence, infrastructure damage, or deterioration in water quality, flood, drought, soil erosion, landslide, and even debris flow. It is of great importance that we analyze the hydrogeological impact of common natural and anthropogenic disturbances, evaluate possible environmental problems, and propose relevant disaster prediction and prevention methods. For this Special Issue, we welcome original research addressing various issues related to the hydrogeological impact of the abovementioned natural and anthropogenic disturbances. Papers detailing the application of numerical and physical modelling, optimization algorithms and analytical solutions, and field investigations or remote sensing technology to solve related challenges are welcome.

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Message from the Editor-in-Chief

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