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Impacts of Anthropogenic Activities on Watersheds in a Changing Climate II

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Message from the Guest Editors

In developed and developing countries, watersheds have been and are still subject to multiple anthropogenic pressures at progressively accelerated paces. Meanwhile, the climate has changed and continues to change. Steadily increasing temperatures and decreasing precipitation in some regions are expressions of this change. The coupled influence of climate change and anthropogenic pressures, including land use changes, continues to produce a significant impact on watersheds, because both circumstances induce an amplification of hydrologic events, namely, floods, droughts, a decline in aquifer recharge, and the deterioration of water quality and ecosystems. The impact includes water erosion, a decline in soil fertility, a shortage of groundwater resources, and a disturbance of ecosystem functions, among others.

The purpose of this Special Issue is to give authors the opportunity to publish retrospective or prospective studies focused on the coupling of climate change and environmental impact assessments at the [...]

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