عنوان مقاله:

Effects of landslide hazards on quality of stream water and sediments

محل انتشار:

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collection efforts elucidated the dynamics of landslide impacts at the spatial scale for the two watersheds. FINDINGS: Most water samples met Thai surface water quality standard for various parameters; however, microbial contamination of the water samples attributed to community activities along stream banks was detected. Notably, arsenic was consistently detected in upland soil, stream water, and sediment samples. For Uttaradit, the average arsenic concentrations were $\cdot.\Upsilon\Upsilon \pm \cdot.\Upsilon\Upsilon$ milligram per kilogram, $\cdot.\Upsilon\Upsilon \pm \cdot.\Upsilon\Upsilon$ milligram per kilogram in upland soil, water, and sediment samples, respectively. For Surat Thani, arsenic concentrations were $\cdot.\Upsilon\Upsilon \pm \cdot.\Upsilon\Upsilon$ milligram per kilogram, $\cdot.\Upsilon\Upsilon \pm \cdot.\Upsilon\Upsilon$ milligram per kilogram, $\cdot.\Upsilon\Upsilon \pm \cdot.\Upsilon\Upsilon$ milligram per kilogram, $\cdot.\Upsilon\Upsilon \pm \cdot.\Upsilon\Upsilon$ milligram per kilogram per kilogram per kilogram, $\cdot.\Upsilon\Upsilon \pm \cdot.\Upsilon\Upsilon$ milligram per kilogram per kil

كلمات كليدى:

Elemental contamination, Landslide hazards, Sediment quality, Stream water quality, watershed management

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