## A physical geographical study of recent sediment transport and hazards in Pinatubo Volcano, the Philippines

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Sediment hazards are often caused by lahars in a volcanic area with a recent eruption. The large eruption of Pinatubo Volcano in the Philippines in 1991 significantly affected the surface conditions of watersheds of the volcano especially due to vegetation destruction, which increased the hazard from sediment and debris flows. Subsequent vegetation recovery has affected the mode and amount of sediment transport. This study investigates landforms, vegetation, and sediments of watersheds of Pinatubo Volcano in relation to sediment hazards, based on remote sensing, GIS, and field surveys. Attention is paid to vegetation change and sedimentary processes in the 21st century.