

Research Paper on Science Research for Infrastructure Improvement in the Wake of the Landslide Disaster

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Abstract: *One of the major natural disasters, landslides cause tremendous property damage each year, with both direct and indirect expenses. As a catastrophic phenomenon, landslides frequently result in extensive socio-economic destruction, as well as fatalities and serious injuries to people. Additionally, landslides disrupt ecological systems, damage cultural artifacts, and interfere with the operation of vital infrastructure. Most estimates of landslide losses that have been reported turn out to be much lower than the actual effects of landslides on society as a whole. Landslides represent a rising risk to human life, buildings, structures, infra-structures, and biodiversity with increased population and human interventions in terms of developmental activities over unstable slopes. High vulnerability to landslides has resulted from widespread deforestation and poor management techniques in many areas.*

Keywords: Landslide, infrastructure, losses, Human Intervention, Hazards, vulnerability

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