



Lake 2016: Conference on Conservation and Sustainable Management of Ecologically Sensitive Regions in Western Ghats

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Lessons from Phewa lake and Phusre river of Nepal to mitigate landslides, floods, etc.

Niwas Singh, Brajesh Pratap Singh and Gautam*

Baba Raghav Das Post-Graduate College, Deoria, U.P. – 274001; *

Abstract

Landslides, floods and earthquakes are common natural disasters that are, some or other way, associated with water. Landslides and earthquakes are common features of the youngest and the most fragile Himalayan ecosystem whereas the floods are the common features of the Himalayan rivers, foothills, terai regions and the Indo-Gangetic plains. In fact, the Gangetic plain is a flood-plain where we human-beings are learning to live with floods and drought as well. If water is managed properly, both the floods and droughts could be handled well. We need to understand these phenomena in their great details and look for steps where suitable human interventions could be taken as diagnostic and preventive measures to fight with these so-called natural calamities. Our narrow vested interests might be aggravating the situation because of our ignorance. Here in this study, we look at Phewa lake and Phusre river of Nepal and suggest how these might be managed to control natural disasters.
