

## **C-21: Risk assessment for Landslide prone areas of Sri Lanka**

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NBRO has produced a set of Landslide Hazard Maps for the districts of Badulla and Nuwara Eliya (Phase I) at scale of 1:10,000. Under Phase II Project, it will cover 2 more districts: Ratnapura and Kegalle by the end of 1999.

State-of-Nature maps of bedrock geology, former landslides are surface deposits; slope range and slope category; landform, land use and management category, and hydrology are being integrated to generate landslide hazard maps. Landslide hazard maps will play an important role in site selection and developmental planning of housing and infrastructure facilities within the hill country districts of Sri Lanka in future. This paper describes the development of scientific methodology for risk assessment in landslide prone areas of

Sri Lanka. Though it has to be tested using field sample surveys, it is expected to unfold a new chapter in landslide disaster management in hill country and districts of Sri Lanka which are seen as one of the biggest environmental problem in the 21st century.