

MAURITIUS

An Overview of Mauritius, the Hazards being faced due to Extreme Natural Events and the Counter Measures being undertaken

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The Unit is responsible for carrying out investigations and proposing remedial mitigating measures for specific areas susceptible to be prone to landslides. It is also responsible for the implementation of projects in these landslide areas. The main tasks undertaken by the Landslide Management Unit are prioritizing of landslide prone areas for countermeasures, preparation of the annual landslide management plan, implementation of countermeasures works for target landslide, management at Monitoring/Implementation stages, and management under Emergency/Early Warning stages.

Overall duties consisting of structural designs and landslide management consisting of monitoring, identification of landslide prone areas, give opinion on development in landslide/sloping areas, attend to emergency situations and design and implement countermeasure works.

Earth stabilization techniques, protection systems, safety structures and their applicability consisting of Soil-retaining works, Water channel works, Close conduits works, Terracing with seeding works, Surface water drainage works Open ditch, Drainage wells, Horizontal gravity drains, Surface drainage control, Lateral Boring works, Catchment well works, Steel Pile works, Consolidation works / Revetment work, Rock fall prevention works - Protection Fences, Steel Nets, Rock Bolts, Adhesion works Wire suspension, Slope failure prevention works - Slope failure prevention works, Anchor works, overview of the Mauritian Planning Policy Guidance 9 regarding construction on slopes and structural design of buildings against cyclonic events can be elaborated based on the training and experience gathered in my present work.