

SIMULATION- EXERCISE ONLY

From
Professor Drew Dean
University of the West Indies

Good day

Let me introduce myself as a Geology consultant brought in by the Public Works Department to support the Emergency Operations Centre

I believe you have some useful mapping data and GIS and would like to request the following.

Barbados Meteorological Service are forecasting heavy rains over the next few days. On top of landslides and rockfalls caused by the hurricane rainfall, we want to assess the risk of more occurring so that the Ministry of Transport, Works and Water Resources can make preparations in case any cause a risk to critical infrastructure or the road network.

At this stage we just need a rough estimate of how much of each parish could be at risk from landslides. If you don't have access to any hazard risk data (high/medium/low risk) , a classification of slopes into those which are more than 10%, 15% and 25% would be sufficient.

If you have time an assessment of any of these areas at risk impacting on critical infrastructure such as shelters, roads etc that would be fantastic.

I hope to be at the presentation later today and would be happy to see your outputs at this time.

I understand that I may be asking too much but if any of you have good GIS skills I am sure you could put this together for me.