



DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
KAGAWARAN NG KAPALIGIRAN AT LIKAS YAMAN



MEMORANDUM

TO : All Regional Executive Directors

The Director
Mines and Geosciences Bureau

FROM : The Undersecretary
Field Operations – Luzon, Visayas and Environment

The Undersecretary
Field Operations – Mindanao

SUBJECT : SUBMISSION OF THE LIST OF ALL HIGHLY SUSCEPTIBLE
GEOHAZARD AREAS

DATE : 12 FEB 2024

In line with the recent occurrence of flood and landslides in some parts of the country and to prevent/minimize the impacts of said occurrences, the Regional Executive Directors are hereby advised to identify and submit a list of highly susceptible geohazard areas within your area of jurisdiction on or before **14 February 2024**, through the google sheets link below:

- Office of the USEC for Field Operations – Luzon, Visayas and Environment (Regions 1-8, NCR, CAR) <http://tinyurl.com/FOLVEGeohazard2024>
- Office of the USEC for Field Operations – Mindanao (Regions 9-13) <https://tinyurl.com/FOMINGeohazard2024>

The Mines and Geosciences Bureau Central Office is also advised to review and consolidate the data for endorsement to the undersigned on or before **16 February 2024**, along with their comments and recommendations. The template and susceptibility parameters within the google sheets are attached for further reference.

For information and immediate compliance.


ATTY. JUAN MIGUEL T. CUNA, CESO I


JOSELIN MARCUS E. FRAGADA, CESO III

Copy Furnished:

- Office of the Secretary
- The Assistant Secretary for Field Operations – Luzon and Visayas
- The Assistant Secretary for Field Operations – Western Mindanao
- The Assistant Secretary for Field Operations – Eastern Mindanao

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SUSCEPTIBLE GEOHAZARD AREAS TEMPLATE

Province	Municipality	Barangay	Sitio/Purok	Susceptibility <i>(Very High, High, Moderate, Low, Not susceptible)</i>	
				Landslide Susceptibility	Flood Susceptibility

LANDSLIDE AND FLOOD SUSCEPTIBILITY PARAMETERS	
<p>VERY HIGH LANDSLIDE SUSCEPTIBILITY</p> <p>Unstable areas, significant areas of which are affected by mass movement. Human initiated effects are usually high.</p>	<p>VERY HIGH FLOOD SUSCEPTIBILITY</p> <p>Areas likely to experience flood heights in excess of 2.0 meters and/or flood duration of more than 3 days; also prone to flashfloods.</p>
<p>HIGH LANDSLIDE SUSCEPTIBILITY</p> <p>Unstable areas, highly susceptible to mass movement.</p>	<p>HIGH FLOOD SUSCEPTIBILITY</p> <p>Areas likely to experience flood heights of 1.0 to 2.0 meters and/or flood duration of more than 3 days. These areas are immediately flooded during heavy rains of several hours.</p>
<p>MODERATE LANDSLIDE SUSCEPTIBILITY</p> <p>Stable areas with occasional or localized to mass movement.</p>	<p>MODERATE FLOOD SUSCEPTIBILITY</p> <p>Areas likely to experience flood heights of 0.5 to 1.0 meters and/or flood duration of 1 to 3 days.</p>
<p>LOW LANDSLIDE SUSCEPTIBILITY</p> <p>Stable areas with no identified landslide scars, either active or relict.</p>	<p>LOW FLOOD SUSCEPTIBILITY</p> <p>Areas likely to experience flood heights of <0.5 meter and/or flood duration of less than 1 day. These areas include low hills and gentle slopes. They also have sparse to moderate drainage density.</p>