GEOLOGICAL RISK REDUCTION AND RESILIENCY PROGRAM

Vulnerability Risk Assessment and Updating

The Vulnerability Risk Assessment (VRA) Project can be viewed as the third phase in the landslide and flood susceptibility mapping and assessment initiatives of DENR-MGB.

MGB's task in the VRA is to identify the degree of exposure of elements at risk in the community from landslide and flooding hazard, which is a vital input on the part of the LGU to undertake vulnerability and capacity analysis thereby completing the risk equation.

Since there are many elements at risk in a community that could be exposed to geohazards, it was agreed to limit the assessment to only three elements be subjected to risk exposure analysis namely built-up areas, population and road networks.

The primary objective of the VRA Project is to provide additional technical information on risk exposure to the LGU for risk-sensitive land use, development, and disaster risk management plans and programs.

For the 1st semester, the Office already conducted vulnerability risk assessment and updating in the Municipality of Loreto, Province of DInagat Islands

Intensive IEC Campaign (IEC Campaign on Geohazard and VRA Maps)

Information, Education, Communication (IEC) campaign had been intensively conducted in line with our geological risk reduction and resiliency program. Annually, the Office has a commitment to tirelessly visit the Local Government Units (LGU) concerned to deliver and share the output and outcome of the said program for it is their locality who are top benefactors of this endeavors.

For the 1st quarter of the year, intensive IEC have been conducted to the following LGUs:

ACTIVITY	ACCOMPLISHMENT
Consultation/ Seminars/ workshops for LGUs conducted	1. San Agustin, Surigao del Sur 2. Lianga, Surigao del Sur 3. Tagbina, Surigao del Sur

Geological Quadrangle Mapping

It is undertaken to map the different rock units & formation in the area structures such as faults, mineral resources occurrence, among others. Geologic map are important base map that could be used as input in generating other specialized thematic maps such as groundwater availability maps, geohazard maps, mineral potential maps, etc.

As of March 2020, quadrangle mapping was conducted at Lianga quadrangle with Quad Number of 4245 IV covering Municipalities of Lianga & Barobo, Surigao del Sur.