



OUTGOING
Received by: <u>[Signature]</u>
Date: <u>MAY 25 2023</u>

May 22, 2023

MEMORANDUM

FOR : The Regional Executive Director
DENR MIMAROPA Region
1515 DENR By the Bay Bldg.
Roxas Blvd., Barangay 668
Ermita, Manila

THRU : The Assistant Regional Director
for Technical Services

FROM : The OIC, PENR Officer
Odiongan, Romblon

SUBJECT : INITIAL REPORT OF EARTHQUAKE INCIDENT AT
ODIONGAN, ROMBLON ON MAY 20, 2023

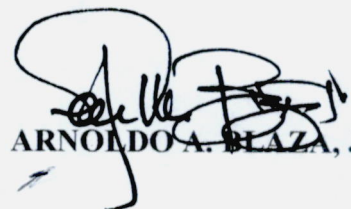
Respectfully submitting the initial report of earthquake incident at Odiongan, Romblon dated May 20, 2023.

Based on initial report, there is no casualty reported in Romblon after a magnitude 4.8 earthquake hit the municipality of Odiongan on Saturday morning.

Further, the DENR facility both the Technical and Management Services buildings especially situated in Odiongan, Romblon have no observed cracks or damage.

Progress report will follow.

For information and further instruction.


ARNOLDO A. BLAZA, JR.



INITIAL REPORT OF EARTHQUAKE INCIDENT

Odiongan, Romblon

May 20, 2023

I. SITUATION OVERVIEW

PHIVOLCS-DOST issued Earthquake Information No. 2 dated 20 May 2023 that on 8:40 AM, a magnitude 4.8 earthquake of tectonic origin with 004 km depth focus was detected at 12.37°N, 121.86°E - 014 km S 78° W of Odiongan, Romblon.

Based on PHIVOLCS Earthquake Intensity Scale (PEIS), it was Intensity V, which classified as strong in Odiongan. Meaning, under the description of Intensity V, it generally felt by most people indoors and outdoors. Many sleeping people awakened. Some are frightened, some run outdoors. Strong shaking and rocking felt throughout building. Hanging objects swing violently. Dining utensils clatter and clink, some are broken. Small, light and unstable objects may fall or overturn. Liquids spill from filled open containers. Standing vehicles rock noticeably. Shaking of leaves and twigs of trees are noticeable.

II. EFFECTS

1. There were reported minor cracks per monitoring conducted by MDRRMO Odiongan in some government and private buildings.
2. There is no damage like collapsed buildings and further, no injuries or casualties reported by the MDRRMO Odiongan.
3. The DENR facility both the Technical and Management Services buildings especially situated in Odiongan, Romblon have no observed cracks or damage.

III. ACTIONS TAKEN

1. PENRO-Romblon closely coordinated with Municipal LGU of Odiongan, Romblon in particular the Municipal Disaster Risk Reduction and Management Office (MDRRMO) on the on-going damage assessment.
2. PENRO-Romblon through MGB embedded personnel provided a copy of active Faults Map of Romblon and PHIVOLCS-DOST Published Seismicity Maps of Romblon from 2015-2017 to MDRRMO-Odiongan for their reference.
3. Progress report to follow.

Attachments:

1. PHIVOLCS-DOST Earthquake Information No. 2 Report
2. MDRRMO-Odiongan Initial Report: Magnitude 4.8 Earthquake



Republic of the Philippines
Province of Romblon
MUNICIPALITY OF ODIONGAN
oOo

MUNICIPAL DISASTER RISK REDUCTION AND MANAGEMENT OFFICE

FOR : EUGENE CABRERA
Regional Director, OCD MIMAROPA
Chairperson, RDRRMC MIMAROPA

FROM : MDRRMO Odiongan

SUBJECT : Initial Report: Magnitude 4.8 Earthquake

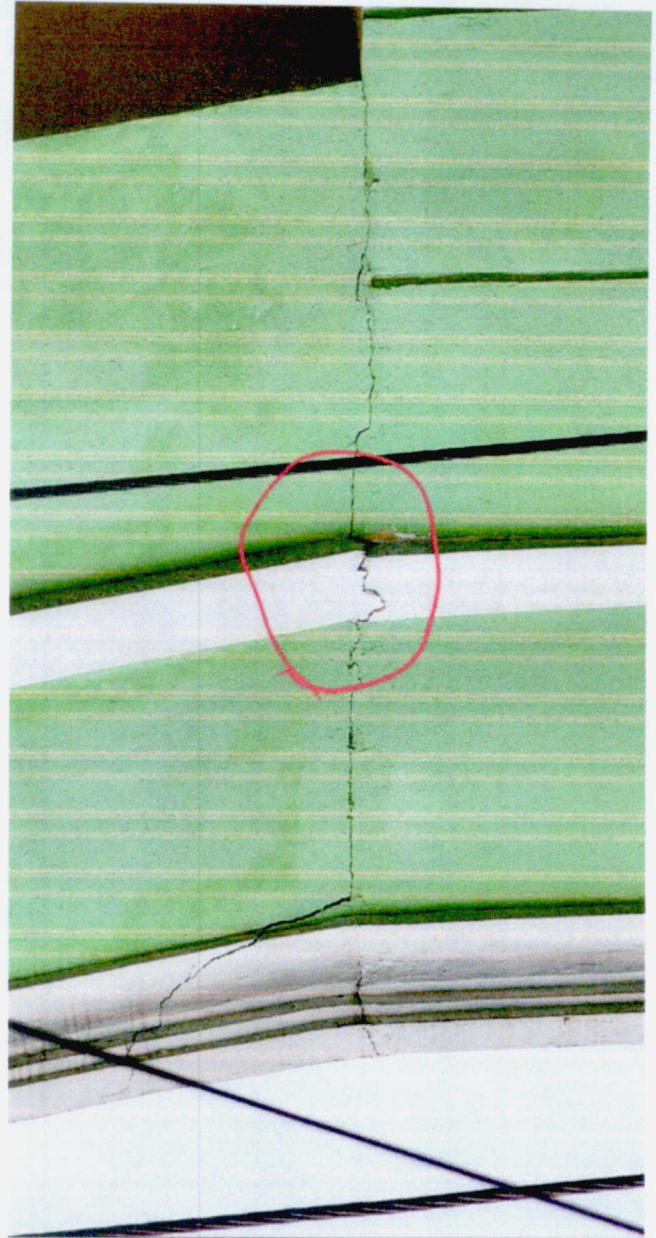
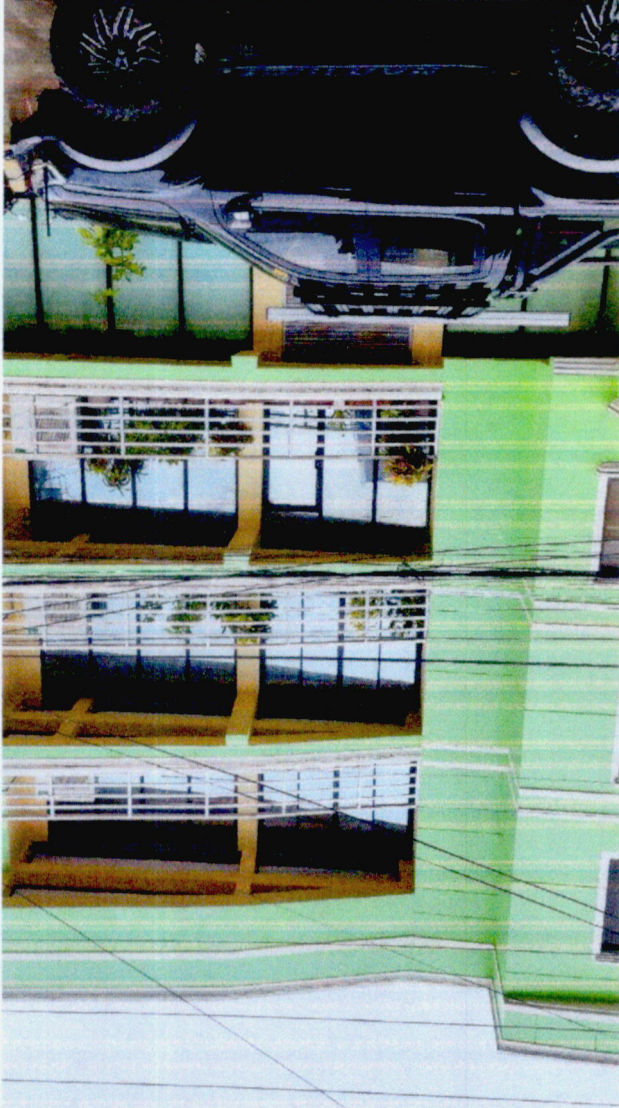
DATE : May 20, 2023 (As of 5: 00 pm)

1. REFERENCE: Situational Report submitted dated May 20, 2023 with subject same as above.
2. In connection with the above subject, on May 20, 2023 at about 8: 40 in the morning an earthquake occurred in the area recording a Magnitude 4.8 main shock, located 12.37°N, 121.86°E - 014 km S 78° W of Odiongan (Romblon) with depth of 004km. As of this hour, ten (10) aftershocks were recorded as per report of PHILVOCS. Intensity V was felt within the municipality.

This office, upon the instruction of our Municipal Mayor Trina Alejandra Q. Firmalo- Fabric, together with Municipal Engineering Office, Municipal Planning and Development Office, Bureau of Fire Protection, Odiongan Municipal Police Station and Public Information Office conducted ocular inspection around Odiongan if there are damages. Upon Inspection, herewith are the infrastructures affected by the shaking together with the Engineer's observation and recommendation;

**ST. VINCENT FERRER MULTI- PURPOSE
COOPERATIVE**

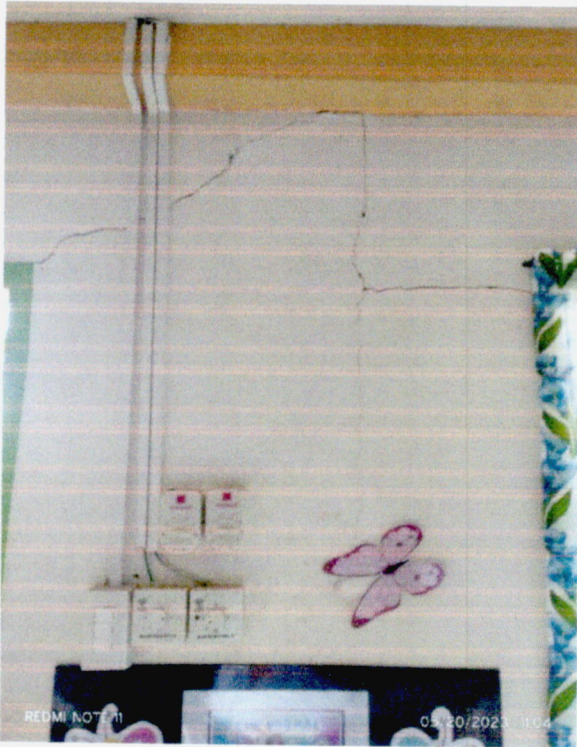




ODIONGAN SOUTH CENTRAL ELEMENTARY SCHOOL



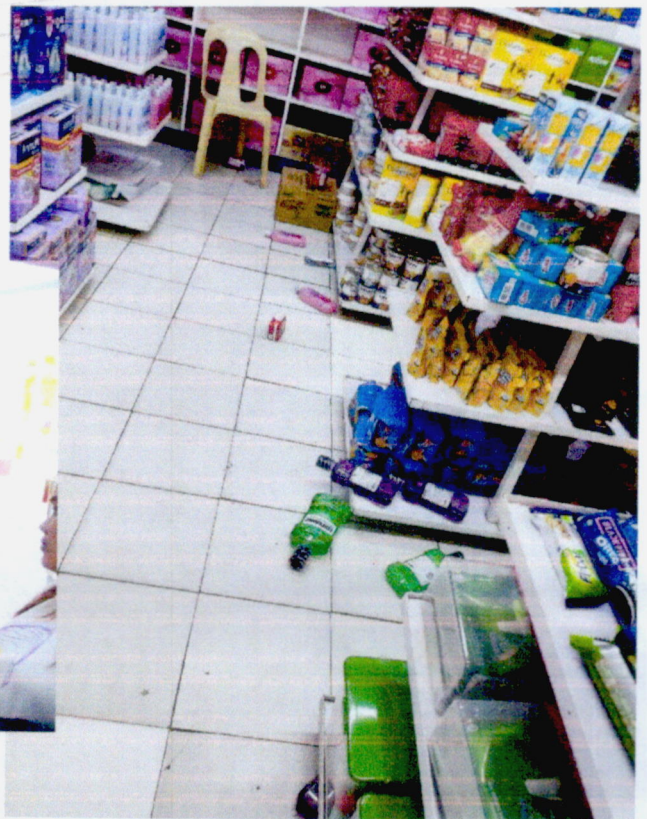
MALILICO ELEMENTARY SCHOOL



LANDBANK OF THE PHILIPPINES- ODIONGAN BRANCH



MERCURY DRUG STORE- ODIONGAN



Forester I
Leandro Y. Lachica
Forest Technician II

**JOCELYN BANTANG RESIDENCE AT BARANGAY MALILICO, ODIONGAN,
ROMBLON**



MALILICO- BALATUCAN ROAD

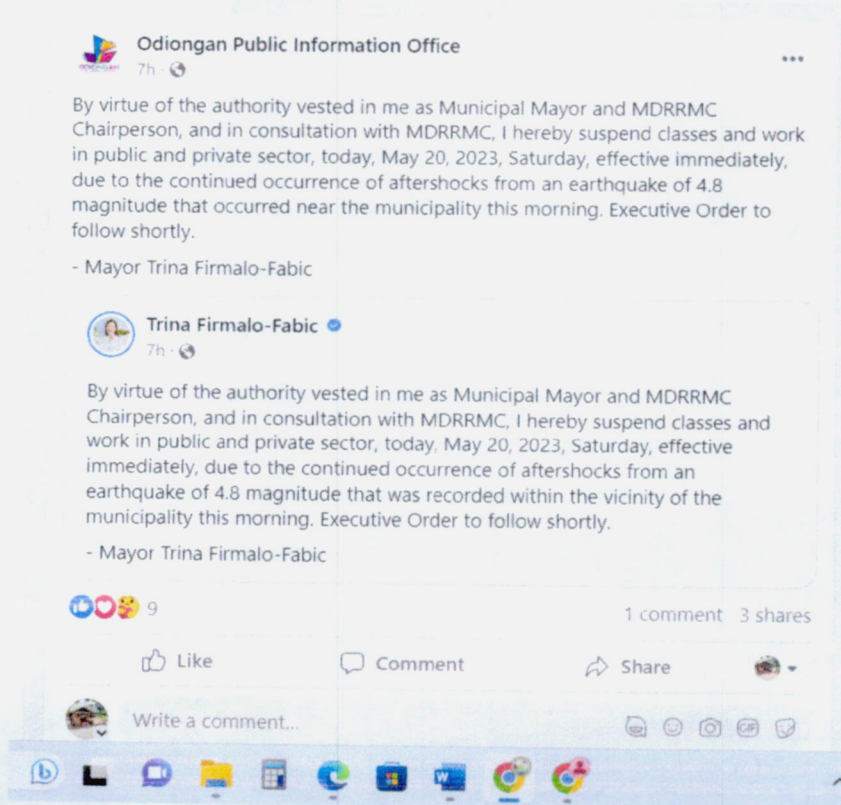


ROMBLON STATE UNIVERSITY- ENGINEERING BUILDING



ACTIONS TAKEN

- Inspection of Infrastructure for possible damages.
- Cancellation of Work, Classes and other activities both in Public and Private



Herewith is the Inspection Report of the Municipal Engineering's and Municipal Planning And Development Office with their Observation And Recommendations

**Initial Inspection Report
(Post Disaster Assessment)
May 20, 2023**

Mercury Drug Store (OCC Building)

Findings

- The store's interior was free of any new cracks.

Recommendations

- We strongly advise that the Mercury Store operate only as a window operation until Sunday, May 21, 2023, and to resume its full operation on Monday, May 22, 2023, assuming there will be no aftershocks to be recorded in the next 36 hours (actions may vary depending on the PHILVOLCS advisories). This is because the building where the Mercury Store is located was known to have poor structural integrity.

OSCES

Findings/ Observations

- Concrete canopy/flower box cracks
- There are no substantial cracks in the beams or columns (the primary structural elements).

Recommendations

- Concrete canopy demolition
- Removal of a damaged ceiling on the third floor

Saint Vincent Bldg.

Findings/ Observations

- Only cracks were discovered in the connection between the old and new buildings.
- Some partition walls have noticeable cracks.
- Because of vibration/building movement, floor tiles on the fourth floor popped up.

Recommendations

- Examine the structural designs and analyses of old and new structures.

Donya Remdios Bldg.

Findings/ Observations

- There were no damages observed.

RSU Engineering's Bldg

Findings/ Observations

- Due to vibration or movement, a portion of the ceiling board collapsed.

Recommendations

- removal of the collapsed ceiling section
- Verify all of the connections on the remaining ceiling.

Malilico-Balatucan Road

Findings/ Recommendations

- Due to a weak foundation, significant longitudinal cracks were seen.

Recommendations

- PCCP should be replaced after being adequately compacted.
- findings and suggestions should be forwarded to the Provincial Engineering Office

Malilico Elementary School

Findings/Observations:

- Between the connection of the chb wall and column, cracks were seen.
- The main structural components of the classroom (the beam and column) did not show any significant cracks.

Recommendations:

- Verify Malilico Elementary School's overall building's structural soundness.

One Storey Residential House at Malilico (Jocelyn Bantang's Residence)

Findings/Observations:

- Due to the movement of the earth as well as the kitchen's poor design and construction, a portion of it collapsed.

Recommendation:

- renovation of the affected area
- The structural design should be discussed with an engineer.

Landbank


Findings

- Connections between structural parts (columns and beams) did not show any significant cracks.
- The main entrance's roof slab had cracks in it.

Recommendations

- Applying waterproofing will help prevent water leaks and seepage through the concrete slab, which could harm the main entrance's ceiling and cause the slab's reinforcements to corrode.
 - Landbank might work with the building contractor because the structure is still covered by warranty.
3. There were two (2) individuals brought at Romblon Provincial Hospital due to dizziness.
 4. For your information.

PREPARED BY;


EDGAR F. SOLANO
OIC- MDRMO III

PHILIPPINE INSTITUTE OF VOLCANOLOGY AND SEISMOLOGY

EARTHQUAKE INFORMATION NO. : 2

PHIVOLCS Building, C.P. Garcia Avenue, T.P. Diliman, Quezon City, PHILIPPINES
Tel.: 8426-1468 Fax: 8927-1087

Date/Time	:	20 May 2023 - 08:40:21 AM
Location	:	12.37°N, 121.86°E - 014 km S 78° W of Odiongan (Romblon)
Depth of Focus (Km)	:	004
Origin	:	TECTONIC
Magnitude	:	Mw 4.8



Reported Intensities : Intensity V - Odiongan, ROMBLON

Instrumental Intensities:
 Intensity II - Malay, AKLAN; Pandan, ANTQUE
 Intensity I - Ibajay and Malinao, AKLAN

11:20a
 2023_0520_0040_M480004_B2F

Expecting Damage	:	YES
Expecting Aftershocks	:	YES
Issued On	:	20 May 2023 - 11:36 AM
Prepared by	:	RJP/LJAG/SAD

IMPORTANT

This will be the only bulletin issued unless additional information becomes available. Always refer to the latest earthquake information posted at the PHIVOLCS official website (<https://www.phivolcs.dost.gov.ph>).