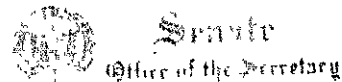



SIXTEENTH CONGRESS OF THE REPUBLIC)
OF THE PHILIPPINES)
Second Regular Session)



14 DEC -9 P5:04

SENATE
Senate Bill No. **2504**

RECEIVED BY: 

Introduced by Senator Manuel "Lito" M. Lapid

AN ACT
REQUIRING MULTI-HAZARD MAPS AND FLOOD HAZARD MAPS IN EVERY
LOCAL GOVERNMENT UNIT AND FOR OTHER PURPOSES

EXPLANATORY NOTE

Six months after super typhoon Yolanda devastated numerous cities and municipalities, the Department of Science and Technology (DOST) and the Department of Environment and Natural Resources (DENR) formally launched the Yolanda Rehabilitation Scientific Information (YORINFO) Center. The YORINFO Center collates all maps created by different government agencies, and creates multi- and flood hazard maps. These maps, which can go down to the barangay level, pinpoint areas which are most exposed to hazards, and which areas are the safest. These maps are an important tool for disaster planning, preparation, response, and rehabilitation. Despite the significance of these maps, only 1 of the 171 Yolanda affected areas have requested for these maps.

This bill aims to address this deficiency by requiring DOST and DENR to provide and educate all local government units on the value and use of these maps. Furthermore, it requires all local government units to disseminate the same information to all its barangays. This will enable local government units to improve their disaster response planning, preparation, response, and rehabilitation by basing it on scientific research and information. As such, the immediate passage of this bill is therefore requested.


MANUEL "LITO" M. LAPID

14 DEC -9 P5:04

SENATE
Senate Bill No. **2504**

RECEIVED BY: *Jr*

Introduced by Senator Manuel "Lito" M. Lapid

**AN ACT
REQUIRING MULTI-HAZARD MAPS AND FLOOD HAZARD MAPS IN EVERY
LOCAL GOVERNMENT UNIT AND FOR OTHER PURPOSES**

Be it enacted by the Senate and House of Representatives of the Philippines in Congress assembled:

1 **SECTION 1. DECLARATION OF POLICY.** - It is a policy of the State to prepare and
2 protect its citizens from the adverse effects of natural disasters and calamities. To this end,
3 the State shall provide mechanisms to adequately equip and inform local government units
4 against impending disasters and calamities such as but not limited to storms, typhoons,
5 floods, storm surges, earthquakes, and volcano eruptions including disaster planning,
6 preparation, response, and rehabilitation.

7
8 **SECTION 2. SCOPE.** - This law shall apply to all local government units in the
9 Philippines.

10
11 **SECTION 3. DEFINITION OF TERMS.** - The following terms used in this Act are
12 hereby defined:

- 13
14 a. A multi-hazard map identifies the vulnerabilities of each local government unit to
15 threats such as but not limited to landslides, flooding, sea level rise, and storm surges.
16 b. A flood hazard map identifies specific areas in the local government unit near river
17 systems that may be inundated by varying amounts of rainfall.

18
19 **SECTION 4. MULTI-HAZARD MAPS AND FLOOD HAZARD MAPS.** - The
20 Department of Science and Technology together with the Department of Environment and
21 Natural Resources shall provide, free of charge, every three (3) years, an updated multi-
22 hazard map and a flood hazard map for each local government unit in the country. The
23 provision of these maps is mandatory, regardless of the presence or absence of a request for
24 it.

1 **SECTION 5. SEMINAR ON THE USE OF THE MULTI-HAZARD MAP AND FLOOD**
2 **HAZARD MAP.** – The Department of Science and Technology together with the Department
3 of Environmental and Natural Resources shall provide, free of charge, a seminar on the use of
4 these maps to representatives of each local government unit in the country.

5
6 **SECTION 6. ROLE OF THE LOCAL GOVERNMENT UNIT.** – Upon receipt of the
7 multi-hazard map and the flood hazard map, the local government unit shall have the
8 following duties and responsibilities:

- 9
10 a. Provide, free of charge, every three (3) years, an updated copy of each map to every
11 barangay within its territory;
- 12 b. Use the maps in its disaster response planning, preparation, and training; and
- 13 c. Conduct a seminar every three (3) years for representatives and residents of each
14 barangay on the use of these maps, as well as the municipality or city's updated
15 disaster response plan incorporating these maps.

16
17 **SECTION 7. IMPLEMENTING RULES AND REGULATIONS.** – The Department of
18 Science and Technology, the Department of Environment and Natural Resources, and the
19 Department of Interior and Local Governance shall jointly promulgate rules and regulations
20 necessary to implement the provisions under this law.

21
22 **SECTION 8. ALLOCATION OF FUNDS.** – The initial amount necessary for the
23 implementation of this Act shall be charged to the appropriations of the Department of
24 Science and Technology.

25
26 **SECTION 9. APPROPRIATIONS.** – The amount necessary to carry out the provisions of
27 this Act shall be included in the General Appropriations Act of the year following its
28 enactment into law and thereafter.

29
30 **SECTION 10. SEPARABILITY CLAUSE.** – If any provision or part of this Act shall be
31 declared invalid or unconstitutional, the remaining parts or provisions not affected shall
32 remain in full force and effect.

1 **SECTION 11. REPEALING CLAUSE.** - All laws, decrees, executive orders, issuances,
2 rules and regulations or parts thereof inconsistent with the provisions of this Act are hereby
3 repealed or modified accordingly.

4

5 **SECTION 12. EFFECTIVITY CLAUSE.** - This Act shall take effect fifteen (15) days after
6 its publication in the Official Gazette or in at least two newspapers of general circulation.

Approved,