

EIGHTEENTH CONGRESS OF THE)
REPUBLIC OF THE PHILIPPINES)
First Regular Session)



SENATE

19 AUG 13 P 1:13

S. No. 902

Introduced by SENATOR MANUEL "LITO" M. LAPID

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

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 barangay. 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
Senator

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S. No. 902

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

*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 citizen from the adverse effects of natural disasters and calamities. To this
3 end, the State shall provide mechanisms to adequately equip and inform local
4 government units against impending disasters and calamities such as but not limited
5 to storms, typhoons, floods, storm surges, earthquakes, and volcano eruptions
6 including disaster, planning, preparation, response, and rehabilitation.

7 Sec. 2. *Scope.* – This law shall apply to all local government units in the
8 Philippines.

9 Sec. 3. *Definition of Terms.* – The following terms used in this Act are hereby
10 define:

11 a. A multi-hazard map identifies the vulnerabilities of each local government
12 unit to threats such as but not limited to landslides, flooding, sea level rise,
13 and storm surges.

14 b. A flood hazard map identifies specific areas in the local government unit
15 near river systems that may be inundated by varying amounts of rainfall.

1 Sec. 4. *Multi-Hazard Maps and Flood Hazard Maps.* – The Department of
2 Science and Technology together with the Department of Environment and Natural
3 Resources shall provide, free of charge, every three (3) years, an updated multi-
4 hazard map and a flood hazard map for each local government unit in the country.
5 The provision of these maps is mandatory, regardless of the presence of a request for
6 it.

7 Sec. 5. *Seminar on the Use of the Multi-Hazard Map and Flood Hazard Map.* –
8 The Department of Science and Technology together with the Department of
9 Environmental and Natural Resources shall provide, free of charge, a seminar on the
10 use of these maps to representatives of each local government unit in the country.

11 Sec. 6. *Role of the Local Government Unit.* – Upon receipt of the multi-hazard
12 map and the flood hazard map, the local government unit shall have the following
13 duties and responsibilities.

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

21 Sec. 7. *Implementing Rules and Regulations.* – The Department of Science and
22 Technology, the Department of Environment and Natural Resources, and the
23 Department of Interior and Local Governance shall jointly promulgate rules and
24 regulations necessary to implement the provisions under this law.

25 Sec. 8. *Allocation of Funds.* – The initial amount necessary for the
26 implementation of this Act shall be charged to the appropriations of the Department
27 of Science and Technology.

1 Sec. 10. *Separability Clause.* – The amount necessary to carry out the
2 provisions of this Act shall be included in the General Appropriations Act of the year
3 following its enactment into law and thereafter.

4 Sec. 11. *Repealing Clause.* – All laws, decrees, executive orders, issuances,
5 rules and regulations or parts thereof inconsistent with the provisions of this Act are
6 hereby repealed or modified accordingly.

7 Sec. 12. *Effectivity Clause.* – This Act shall take effect fifteen (15) days after its
8 publication in the Official Gazette or in at least two newspapers of general circulation.

9 *Approved,*

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