

**SEVENTEENTH CONGRESS OF THE REPUBLIC  
OF THE PHILIPPINES**

Third Regular Session



Senate  
Office of the Secretary

'18 SEP 10 A11:37

**SENATE**  
**S.B. NO. 1990**

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Introduced by Senator Maria Lourdes Nancy S. Binay

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**AN ACT**  
**ESTABLISHING THE OFFICE OF FLOOD RESEARCH AND POLICY TO**  
**PLAN, COORDINATE, CONDUCT, AND SHARE RESEARCH ON FLOODING,**  
**FLOOD PREVENTION, AND OTHER FLOOD-RELATED ISSUES**

**EXPLANATORY NOTE**

Article II, Section 15 of the 1987 Philippine Constitution provides:

"The State shall protect and promote the right to health of the people  
and instill health consciousness among them."

Article II, Section 16 of the 1987 Philippine Constitution provides:

"The State shall protect and advance the right of the people to a  
balanced and healthful ecology in accord with the rhythm and  
harmony of nature."

The Philippines is a tropical country that faces an average of 20 typhoons per year. The strong winds and heavy rainfalls brought about by these typhoons have brought destruction to our countrymen. Countless lives have been lost, damage to properties have accumulated, and in addition flash floods have hit major roads making them impassable that cause worsening traffic.

The proposed bill seeks the establishment of a centralized effort to further study the effects of flooding and how to prepare and respond to catastrophes.

In view of the foregoing, the passage of this measure is earnestly sought.



MARIA LOURDES NANCY S. BINAY  
Senator



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

1           Section 1. *Short Title.* – This Act shall be known as the "National Flood  
2 Research and Education Act."

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4           Sec. 2. *Office of Flood Research and Policy.* – There is hereby established  
5 within the National Disaster Risk Reduction and Management Council (NDRRMC)  
6 an Office of Flood Research and Policy (OFRP), which shall be headed by a  
7 Director.

8  
9           Sec. 3. *Duties.* – The Director of the OFRP shall:

- 10           (A) Make recommendations and identify best practices for  
11           predicting, preventing, and minimizing flooding and its effects,  
12           in accordance with Section 4;  
13           (B) Submit to Congress an annual report, in accordance with  
14           Section 6; and  
15           (C) Establish and maintain a page on the public NDRRMC website,  
16           in accordance with Section 6.  
17

1           Sec. 4. *Best Practices.* – The Director, in consultation with the NDRRMC,  
2 taking into consideration the regional differences in hydrology, weather,  
3 geography, economy, and population density across the country, shall develop  
4 recommendations and identify best practices for predicting, preventing, and  
5 minimizing flooding and its effects, including:

6           (A) Risk-assessment tools, methods, and models;

7           (B) Strategies and techniques for monitoring and predicting  
8 flooding;

9           (C) Strategies and techniques for flood management and  
10 prevention;

11          (D) Adoption and use of relevant technologies;

12          (E) National, regional, and local flood policies; and

13          (F) Coordination and cooperation among government agencies  
14 and local governments regarding flood-related efforts.

15  
16          Sec. 5. *Grants to Institutions of Higher Education.* – The OFRP may extend  
17 research grants to institutions of higher education to conduct research on  
18 flooding, flood prevention, and other flood related issues. The OFRP shall ensure  
19 that the said grants are used for their designated purpose.

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21          Sec. 6. *Report.* – The Director shall submit to Congress an annual report  
22 on the activities of the OFRP.

23          The OFRP shall establish and maintain a page within the public NDRRMC  
24 website in which it shall publish the recommendations and best practices  
25 described in Section 4 and the annual report as provided in this section. The  
26 OFRP shall also provide the local government units (LGUs) versions of the report  
27 which particularly applies to them.

1       Sec. 7. *Appropriations.* – To carry out the provisions of this Act, such  
2 amount is as necessary is hereby authorized to be appropriated from the  
3 National Treasury.

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5       Sec. 8. *Separability Clause.* – If any provision of this Act is declared  
6 unconstitutional or invalid, the other sections or provisions hereof which are not  
7 affected thereby shall continue to be in full force and effect.

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9       Sec. 9. *Repealing Clause.* – All laws, decrees, orders, rules, and  
10 regulations or parts thereof inconsistent with the provisions of this Act are  
11 hereby repealed, amended, or modified accordingly.

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13       Sec. 10. *Effectivity Clause.* – This Act shall take effect after fifteen (15)  
14 days following its publication in at least two (2) newspapers of general  
15 circulation.

Approved,