

Republic of the Philippines
House of Representatives
Quezon City



SEVENTEENTH CONGRESS
Second Regular Session

COMMITTEE REPORT NO. 793

Submitted by the Committee on Metro Manila Development on 05 JUL 2018

Re: House Resolution No. 1988

Recommending its adoption in substitution of House Resolutions Numbered 451, 788, and 818 together with its attached report on the Committee's findings and recommendations

Sponsors: Chairman Winston T. Castelo and Members of the Committee

Mr. Speaker:

The Committee on Metro Manila Development to which were referred the following House Resolutions, introduced by Rep. Winston T. Castelo, entitled:

House Resolution No. 451, "A Resolution Urging the Metro Manila Development Authority (MMDA) to Bare Masterplan to Render the Metropolitan Prepared for the Imminent Mega-Quake as Forecasted by PHIVOLCS Declaring that the West Valley Fault Traversing Across Metro Manila is Ripe for a Possible Strong Earthquake",

House Resolution No. 788, "A Resolution Urging the Department of Public Works and Highways (DPWH) to Conduct an Audit of the Structural Integrity and Reliability of Buildings in Metro Manila", and

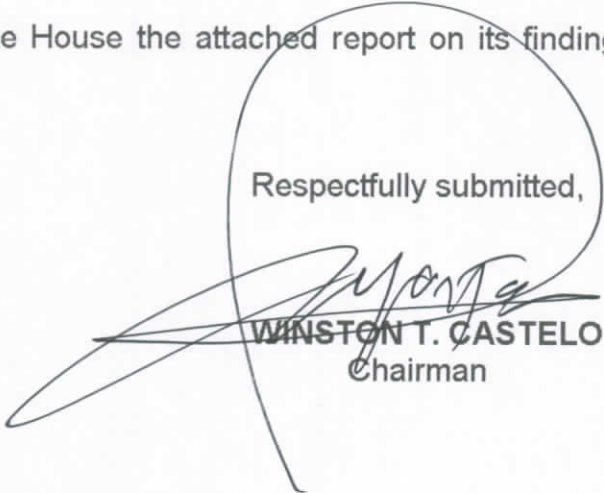
House Resolution No. 818, "A Resolution Calling for an Immediate Inter-Agency Summit for the Purpose of Rendering Metro Manila Prepared for the Impending Mega-Quake Engendered by the West Valley Fault Movement as Forecasted by State Seismologists"

has considered the same and recommends the adoption of the attached House Resolution No. 1988, entitled, "A Resolution Urging the National Disaster Risk Reduction Management Council (NDRRMC) and its Agency-Members to Formulate and Submit to Congress their Specific and General Plans of Action Before, During, or After the Eventuality of the "Big One", or a Major Earthquake in Metro Manila", in substitution of House Resolutions Numbered 451, 788, and 818, with Representatives Winston T. Castelo, Eric M. Martinez, Emi G. Calixto-Rubiano, Manuel Luis T. Lopez, Rosenda Ann M. Ocampo, Gus S. Tambunting, Rozzano Rufino B. Biazon, Dale "Along" R. Malapitan, John Marvin "Yul Servo" C. Nieto, Federico "Ricky" S. Sandoval II, Carlo V. Lopez, Emmeline Y. Aglipay-Villar, Feliciano R. Belmonte, Jr., Jose Christopher Y. Belmonte, Alfred D. Vargas III, Edward Vera P. Maceda, Wes Gatchalian, Ricardo "RJ" T. Belmonte, Jr., Bernadette Herrera-Dy, Sherwin N. Tugna, Edgar R. Erice, Alexandria P. Gonzales, Cristal L. Bagatsing, Eric L. Olivarez, Ronaldo B. Zamora,

Arnel M. Cerafica, Manuel Monsour T. Del Rosario III, and Francisco G. Datol, Jr. as authors thereof.

The Committee submits to the House the attached report on its findings and recommendations.

Respectfully submitted,

A large, stylized handwritten signature in black ink, appearing to read 'Winston T. Castelo', is written over the typed name and title. The signature is contained within a large, hand-drawn oval.

WINSTON T. CASTELO
Chairman

THE HONORABLE SPEAKER
HOUSE OF REPRESENTATIVES
QUEZON CITY

Republic of the Philippines
HOUSE OF REPRESENTATIVES
Quezon City

Second Regular Session
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House Resolution No. 1938

Introduced by Representatives **Winston T. Castelo, Eric M. Martinez, Emi G. Calixto-Rubiano, Manuel Luis T. Lopez, Rosenda Ann M. Ocampo, Gus S. Tambunting, Rozzano Rufino B. Biazon, Dale "Along" R. Malapitan, John Marvin "Yul Servo" C. Nieto, Federico "Ricky" S. Sandoval II, Carlo V. Lopez, Emmeline Y. Aglipay-Villar, Feliciano R. Belmonte, Jr., Jose Christopher Y. Belmonte, Alfred D. Vargas III, Edward Vera Perez Maceda, Wes Gatchalian, Ricardo "RJ" T. Belmonte, Jr., Bernadette Herrera-Dy, Sherwin N. Tugna, Edgar R. Erice, Alexandria P. Gonzales, Cristal L. Bagatsing, Eric L. Olivarez, Ronaldo B. Zamora, Arnel M. Cerafica, Manuel Monsour T. Del Rosario III, and Francisco G. Datol, Jr.**

A RESOLUTION

URGING THE NATIONAL DISASTER RISK REDUCTION MANAGEMENT COUNCIL (NDRRMC) AND ITS AGENCY-MEMBERS TO FORMULATE AND SUBMIT TO CONGRESS THEIR SPECIFIC AND GENERAL PLANS OF ACTION BEFORE, DURING, AND AFTER THE EVENTUALITY OF THE "BIG ONE" OR A MAJOR EARTHQUAKE IN METRO MANILA

WHEREAS, recent strong earthquakes here and abroad serve as a reminder to our government of our country's susceptibility to similar earth movements, making it therefore mandatory for citizens to be made fully aware and prepared for potential risks that will be brought by this type of disaster;

WHEREAS, Metro Manila, unfortunately, sits atop active earthquake fault systems that renders it highly vulnerable to the negative impact of intense ground-shaking during and in the aftermath of strong earthquakes;

WHEREAS, the Philippine Institute of Volcanology and Seismology (PHIVOLCS) and the Metro Manila Development Authority (MMDA) conducted a study funded by the Japan International Cooperation Agency (JICA) in 2004 which identified that the West Valley Fault traversing Metro Manila is ripe for a strong movement of 7.2 magnitude, known in the media as the "Big One";

WHEREAS, Phivolcs Director Renato Solidum explained that this fault generates a major earthquake roughly every 400 years, the last being in 1658 or 360 years ago; the "Big One" may occur in Metro Manila before or after this period;

WHEREAS, in view of this report, House Resolutions Numbered 451, 788, and 818 were filed and referred to the Committee on Metro Manila Development, which deliberated on the same on 08 May 2017;

WHEREAS, the Committee found that families in Metro Manila are not sufficiently aware and prepared for a strong earthquake or its impact to their lives and properties, indicating the deficiencies in the adequacy of disaster preparedness programs and activities of the concerned agencies under the National Disaster Risk Reduction and Management Council (NDRMMC), namely, the Department of Science and Technology (DOST), Department of

National Defense (DND), Department of Public Works and Highways (DPWH), Department of Interior and Local Government, Department of Social Welfare and Development (DSWD), National Economic and Development Authority (NEDA), Department of Health (DOH), Department of Budget and Management (DBM), Department of Transportation (DoTr), Department of Energy (DOE), Housing and Urban Development Coordinating Council (HUDCC), among others;

WHEREAS, in the face of an estimated 33,000 deaths, 150,000 injuries that may be sustained given the effects of an earthquake of this magnitude, and the possible destruction of 40% of residential buildings and 35% of public buildings as reflected in the JICA study, residents of Metro Manila must acquire all the necessary skills and know-how to prepare themselves and their families to mitigate this level and extent of damage and casualty;

WHEREAS, a study by the Australian Government in 2014 estimates that this damage to property and infrastructure after an earthquake of this magnitude may cost Php2.4 trillion;

WHEREAS, in line with this, it is necessary that the Metro Manila Development Authority (MMDA) and co-agencies craft a masterplan that will render Metro Manila communities and residents truly prepared and ready for the so-called "Big One" and conduct a massive public information campaign to educate the residents, business and government sectors on how they must prepare for such a phenomenon and its after effects;

WHEREAS, it is also necessary that the Department of Public Works and Highways conduct an engineering audit of the structural integrity and reliability of buildings in Metro Manila;

WHEREAS, the Department of National Defense through its Office of the Civil Defense (OCD) must establish a roadmap for a safe and resilient Metro Manila, to include specific, accurate, and up-to-date information on existing vulnerabilities and risk reduction and management measures;

WHEREAS, the NDRRMC, LGUs, private sector, and other stakeholders must initiate and hold an inter-agency conference to formulate a unified and well-coordinated action plan to mitigate the impact of this disaster;

NOW THEREFORE, be it resolved as it is hereby resolved that the House of Representatives urge the NDRRMC and its agency-members to formulate and submit to Congress their detailed action plans and programs to mitigate and manage the impact of a massive earthquake such as the potential "Big One".

Adopted,