

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



16 JAN 25 P4 58

SENATE

P.S. Resolution No. 1721

RECEIVED BY: 

Introduced by Senator Ralph G. Recto

**A RESOLUTION
CONGRATULATING AND COMMENDING THE AWARDEES OF THE 2015 MANILA
WATER FOUNDATION (MWF) PRIZE FOR ENGINEERING EXCELLENCE
CONDUCTED BY THE MANILA WATER FOUNDATION AND THE DEPARTMENT
OF SCIENCE AND TECHNOLOGY (DOST)**

WHEREAS, the Manila Water Foundation (MWF) Prize for Engineering Excellence, in collaboration with the Department of Science and Technology (DOST), is a nationwide search for scientists and engineers who manifest excellent scientific and engineering competence and commitment to the development of communities, resulting in projects that advocate water, sanitation, environment and sustainability;

WHEREAS, the biennial MWF Prize for Engineering Excellence was launched as part of the Manila Water Foundation's 10th Anniversary in 2015;

WHEREAS, the MWF partnered with the DOST in the search for viable and innovative solutions for proper water usage, particularly in low-income communities;

WHEREAS, the nominees for MWF Prize for Engineering Excellence went through rigorous deliberations and evaluations based on the documentary supporting requirements submitted under the category of water, sanitation, environment, and sustainability, and underwent an interview with the panel of judges from MWF, DOST, the Department of Social Welfare and Development, and the academe;

WHEREAS, the panel of judges has chosen five (5) exceptional individuals to receive the MWF Prize for Engineering Excellence, as follows:

DR. JOEL JOSEPH S. MARCIANO JR.
Category: Environment and Sustainability
Full Professor of Electrical and Electronics Engineering at the
University of the Philippines Diliman, Quezon City;

DR. EVELYN B. TABOADA
Category: Environment and Sustainability
Dean of the School of Engineering at the University of San Carlos, Cebu;

DR. ENRICO C. PARINGIT
Category: Environment and Sustainability
Professor at the University of the Philippines Diliman, Quezon City; and

DR. MERLINDA A. PALENCIA
Category: Water and Sanitation
ASEAN Engineer, Chemical Engineer and a Dean of the Graduate School
of Adamson University, Manila;

ENGR. REX B. DEMA FELIS

Category: Environment and Sustainability

Vice Chancellor for Research and Extension at the University of the Philippines, Los Baños, Laguna

WHEREAS, Dr. Joel Joseph S. Marciano Jr. has spearheaded efforts in the design, manufacture, test and deployment of cost-effective landslide early warning system and development of rapidly deployable emergency communication systems for vulnerable communities in rural areas;

WHEREAS, Dr. Evelyn B. Taboada has been recognized for her research interests in bioprocess engineering and design and biotechnology of natural products, resulting in added high-value products with mango processing industries as its major input stream that lead to zero-waste, full product converts;

WHEREAS, Dr. Enrico C. Paringit has developed early warning systems for key river basins through up-to-date information monitoring and forecasting flood systems and detailed barangay-level flood maps, which are now put into use;

WHEREAS, Dr. Merlinda A. Palencia has been recognized for her research involving the application of locally abundant organo minerals (OM) for wastewater treatment technology to reduce waste contaminants without mechanical aeration as well as neutralizing septic odor—now utilized by select business groups in Boracay Island and by evacuated residents in temporary shelters in areas devastated by Yolanda;

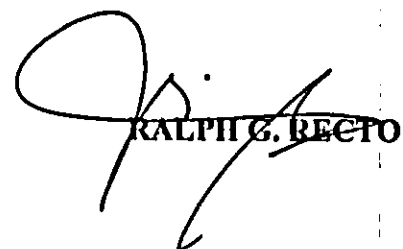
WHEREAS, Engr. Rex B. Demafelis has been working on sweet sorghum projects, resulting in the first commercial-scale production and processing of sweet sorghum into bioethanol which is considered a first in Southeast Asia;

WHEREAS, the winners of the MWF Prize for Engineering Excellence will each receive an amount of five hundred thousand pesos (Php 500,000), a specially designed trophy, and a medal to recognize their outstanding commitment and contributions to the development of communities in the Philippines;

WHEREAS, these outstanding scientists and engineers deserve recognition for their contributions to improve the lives of our countrymen through their excellent and innovative scientific researches and engineering solutions resulting in positive social impacts;

NOW THEREFORE, BE IT RESOLVED, That the Senate of the Philippines congratulates and commends the awardees of the 2015 Manila Water Foundation (MWF) Prize for Engineering Excellence conducted by the Manila Water Foundation and the Department of Science and Technology (DOST).

Adopted,


RALPH G. RECTO