



~~18 OCT 23 P2:11~~

Introduced by Senator Paolo Benigno "Bam" A. Aquino IV

**RESOLUTION
RECOGNIZING AND CONGRATULATING DR. GAY JANE PEREZ FOR BEING
AWARDED AS THE FIRST PLACE WINNER AT THE 2018 ASEAN-US SCIENCE PRIZE
FOR WOMEN**

WHEREAS, on October 18, 2018, Dr. Gay Jane Perez was awarded as First Place winner at the 2018 ASEAN-US Science Prize for Women held at the Shangri-La Mactan Cebu Resort and Spa, Cebu, Philippines for her work on using satellite data to forecast drought, its evolution over time, and its impact, which would help farmers identify the ideal planting areas and seasons that could result in improved crop yield. She is the first Filipino to win this accolade;

WHEREAS, the ASEAN-US Science Prize for Women ("Prize") is a partnership between the Government of the United States of America (US) and the Association of Southeast Asian Nations (ASEAN) that aims to strengthen ASEAN science and technology capacity and gender equality and improvement. The Prize gives recognition to female scientists who use their work to better society in sustainable ways and who act as inspiration for other women working in and pursuing careers in science, technology, engineering and math (STEM);

WHEREAS, the theme of the 2018 ASEAN-US Science Prize for Women focused on precision agriculture in the ASEAN region. The Prize administrators awarded those working around the fields of agriculture, digital tools, technology, and data to help farmers improve their practices in order to increase and expand their agricultural outputs, create sustainability and improve environmental standards, and adapt to shocks and stressors related to farming in volatile climates;

1 **WHEREAS**, Dr. Perez bested seven other female scientists from Southeast Asia and
2 received a \$20,000 cash prize from the US government and its private partner, Underwriters
3 Laboratories, a global safety science company;

4 **WHEREAS**, given that agriculture is vital to the Philippines and most ASEAN
5 economies, Dr. Perez's research greatly benefits society as improves the livelihoods of
6 farmers and farm-based communities, as well as assures that there is better food security in
7 the region. This research is very timely particularly in the Philippines, where satellite data
8 can serve as a critical tool to provide farmers with climate advisories to help them plan what
9 crops to plant and provide the adequate management requirements to optimize their yield;

10 **WHEREAS**, Dr. Gay Jane Perez is an associate professor of the Institute of
11 Environmental Science and Meteorology at the University of the Philippines-Diliman Campus
12 and has served as Project Leader of Research and Development on utilization of satellite
13 observations and models for environmental prediction and Project Scientist of the
14 Philippines' microsatellites, Diwata-1 and Diwata-2;

15 **WHEREAS**, pursuant to Section 14, Article II of the 1987 Philippine Constitution,
16 which provides that the State shall recognize the role of women in nation-building and shall
17 ensure the fundamental equality before the law of women and men, recognizing the
18 achievements of Dr. Gay Jane Perez is in order;

19 **NOW THEREFORE, BE IT HEREBY RESOLVED**, that the Senate of the Philippines
20 recognizes and congratulates Dr. Gay Jane Perez for being awarded as the First Place
21 winner at the 2018 ASEAN-US Science Prize for Women.

Adopted,

A handwritten signature in black ink, appearing to read "Ben Aquino", is written below the text "Adopted,".