

Republic of the Philippines  
Congress of the Philippines  
House of Representatives  
Metro Manila  
Eighteenth Congress  
Second Regular Session

---

Begun and held in Metro Manila, on Monday, the twenty-seventh day of July, two thousand twenty.

RESOLUTION NO. 141

RESOLUTION COMMENDING AND RECOGNIZING FILIPINA SCIENTIST JENNY ANNE BARRETTO FOR HER EXTRAORDINARY CONTRIBUTION TO MARINE SCIENTIFIC RESEARCH WITH HER DISCOVERY OF *APOLAKI* CALDERA IN THE PHILIPPINE RISE

WHEREAS, on 21 October 2019, Jenny Anne Barretto, a Filipina marine geophysicist who is based in New Zealand, grabbed the headlines for her discovery of the world's largest caldera located in the Philippine Rise, an underwater plateau east of Luzon and within the country's continental shelf;

WHEREAS, *Apolaki* caldera, formerly a volcano that erupted and then collapsed upon its magma chamber, has a diameter of 150 kilometers and is more than twice the size of Yellowstone, one of the largest calderas in the planet;

WHEREAS, the name *Apolaki* gives homage to the Filipino god of sun and war;

WHEREAS, National Security Adviser Hermogenes C. Esperon, Jr. has recently mentioned in the groundbreaking and first ever National Marine Summit that *Apolaki* caldera may become a potential source for hydrothermal power systems;

WHEREAS, Jenny Anne Barretto's discovery of the *Apolaki* caldera is a source of pride and a beacon of hope for Filipino scientists everywhere and it underscores the significance of allocating crucial funding and support for marine scientific research in the country, among others;

WHEREAS, Jenny Anne Barretto's discovery opens up immense possibilities and opportunities in the further exploration and conduct of marine scientific research in the Philippine Rise, an underwater geo-marvel and a shelter of God-given marine resources and potential energy sources: Now, therefore, be it


*Resolved, as it is hereby resolved by the House of Representatives, To commend and recognize Jenny Anne Barretto for her exemplary scientific work that led to the discovery of Apolaki caldera in the Philippine Rise and her immeasurable contribution to the Filipino marine science community and body of knowledge.*

Adopted,



LORD ALLAN JAY Q. VELASCO  
*Speaker*

This Resolution was adopted by the House of Representatives on February 2, 2021.



MARK LLANDRO "DONG" L. MENDOZA  
*Secretary General*