



Republic of the Philippines
Department of Education
 REGION I
 SCHOOLS DIVISION OFFICE OF ALAMINOS CITY

TO ALAMINOS
 ILOCOS
 2023-03-03
 RECORDS UNIT

Office of the Schools Division Superintendent

DIVISION MEMORANDUM
DM-2023 - 121

TO : Assistant Schools Division Superintendent
 Chief Education Supervisor - SGOD
 Chief Education Supervisor - CID
 Division Education Program Supervisor In-Charge in Science
 Heads of Public and Private Elementary and Secondary Schools
 All other concerned

SUBJECT : **CONGRATULATORY MESSAGE FOR THE WINNERS OF THE MET-INNOVATION 2023 - ILOCOS REGION SPONSORED BY PHILIPPINE METEOROLOGICAL SOCIETY, INC.**


FROM : Office of the Schools Division Superintendent

DATE : March 3, 2023

1. The Schools Division Office of Alaminos City congratulates the group of Grade 12 Science, Technology, Engineering, and Mathematics (STEM) students of Alaminos City National High School who were adjudged as first place winner in the "Met-Innovation 2023 - Ilocos Region," Philippine Meteorological Society's competition of research and innovation sponsored by Philippine Meteorological Society, Inc. held at the Mariano Marcos State University, Batac City, Ilocos Norte on February 18, 2023.
2. Hereunder is the list of first-place winners who were awarded the certificate of recognition and a cash prize of P20,000.00:

Title of Research and Innovation	Participants	Adviser/Coach
PResMo: Particulate Respiratory Health Monitor with IoT Connection	Trisha Quinto Keisha Quinto Shanice Langaman	Elisha James Tadena <i>Co-Coaches:</i> Marvin Damasco Hezekiah Villanueva Kris Cristhopher dela Cruz

3. Attached is Regional Memorandum No. 199, s. 2023, entitled "Winners of the Met-Innovation 2023 - Ilocos Region Sponsored by Philippine Meteorological Society, Inc." for your reference.
4. For information and widest dissemination.


VIVIAN LUZ S. PAGATPATAN, CESO VI
Assistant Schools Division Superintendent
Officer-In-Charge
Schools Division Superintenden

With hundred reasons to serve!



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Republic of the Philippines
Department of Education
 Region I



Office of the Regional Director

FEB 24 2023

REGIONAL MEMORANDUM
 No. 199 s. 2023

**WINNERS OF THE MET-INNOVATION 2023 -ILOCOS REGION
 SPONSORED BY PHILIPPINE METEOROLOGICAL SOCIETY, INC.**

To: Schools Division Superintendents

The Department of Education Regional Office I (DepEd RO I) through the Curriculum and Learning Management Division (CLMD) congratulates the following winners of the Met-Innovation 2023 -Ilocos Region, the Philippine Meteorological Society's (PMS) competition of research and innovation:

Place	Title of Research and Innovation	Participants	Adviser/ Coach	School	SDO
First Placer	PResMo: Particulate Respiratory Health Monitor with IoT Connection	Trisha Quinto Keisha Quinto Sharica Langaman	Elisha James Tadena	Alaminos City NHS	Alaminos City
Second Placer	Innovative Disaster Readiness and Risk Reduction Device	Cedrick Gabriel I. Lakuon Billy B. Marquez Jr. Ryan Christian D. Chua Eljohn James P. Molina John Emmanuel C. Suarez	Bruce Marvin M. -Ruero	Urdaneta City NHS	Urdaneta City
Third Placer	Safari - School-Based Arduino Fire Alarm Detector Integrated with SMS Notification System	Joniel John F. Balicao Ashley John Baguio Eddie Ramos Jr. Jeremy Mc Grant Bumanglag Marc Johannes Austria	Jayson D. Adena	San Nicolas NHS	Ilocos Norte
Finalist	Food Waste Digester with Digital Manometer in Making Biogas for Sustainable Cooking	Camille V. Rosales Aladine John Q. Santos Neo Mei Anthony A. Tuzon Nicole Mae U. Guiso El Dion V. Bayudan	Jayson D. Adena	San Nicolas NHS	Ilocos Norte
Finalist	Intensifying the Microalgal Growth of Nannochloropsis oculata and Isochrysis galbana For Milkfish Bangus Chanos chanos Fry	Francheska Lhiane D. Igama Glen Christopher B. Cordova Schindal T. Clante	De Marvrose C. Vallejos Antonin F. De Leon	Mangaldan NHS	Pangasinan II

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February 23, 2023

Dir. Tolentino G. Aquino
 Regional Director
 Department of Education - Region I
 San Fernando City, La Union


Dear Director Aquino,

We would like to express our sincere gratitude for your support in this year's "Met-Innovation 2023 – Ilocos Region", the Philippine Meteorological Society's (PMS) competition of research and innovation with tangible prototypes for high school students in Region I (Ilocos Region). In particular, we would like to thank you for the dissemination of information and support for the finalists among the various high schools within your region. Please find the list of school winners of the said competition held at Mariano Marcos State University, Batac City, Ilocos Norte on February 18, 2023.

- 1st Place:** Aiaminos City National High School, Pangasinan
"PResMa: Particulate Respiratory Health Monitor with IoT Connection"
- 2nd Place:** Urdaneta City National High School, Pangasinan
"Innovative Disaster Readiness and Risk Reduction Device"
- 3rd Place:** San Nicolas National High School, Ilocos Norte
"Safari – School-Based Arduino Fire Alarm Detector Integrated with SMS Notification System"

Thank you and we hope for your continuous support in our future endeavors in Ilocos Region.

Very truly yours,


MARCELINO Q. VILLAFUERTE II, PhD
 PMS President

