



Philippine Meteorological Society, Inc.

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DepEd Regional Office No. 02



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30 September 2024

Dr. Benjamin D. Paragas
Regional Director / Director IV
Department of Education Region II
National Highway, Carig Sur, Tuguegarao City

Dear **Director Paragas**,

The Philippine Meteorological Society Inc. (PMS) is a non-stock, non-profit, and non-governmental organization dedicated to the advancement of meteorology, atmospheric sciences, and related disciplines in the Philippines. One of the advocacies of PMS is the promotion of the science of meteorology in our country.

This year, the PMS will conduct a project entitled "**Met Innovation 2024 – Cagayan Valley**". It is a competition of research and innovation with tangible prototypes for high school students in Region II (Cagayan Valley Region). This competition is in partnership with the Department of Science and Technology – Philippine Atmospheric Geophysical and Astronomical Administration (DOST - PAGASA), DOST – Science Education Institute (SEI), and Isabela State University (ISU). Aside from the research and innovation competition for junior and senior high school students, experts from PMS and PAGASA will also conduct a series of training in specific thematic areas such as (a) *weather forecasting*, (b) *hydrometeorology*, (c) *climatology*, and (d) *meteorology for agriculture* for students and stakeholders within the Region.

In connection with this, we would like to request your good office for an **advisory** and support of these activities. We would like to request assistance in **disseminating information among the various high schools within the Cagayan Valley Region and in providing official support to teachers and students who will qualify in the finals**. We attached in this letter the mechanics and guidelines of the competition as well as the updated program. Also, we would be honored to have **you or your representative to serve as one of our judges in the finals of Met Innovation 2024**. The competition will be held at **Isabela State University, Echague Campus on November 28, 2024**. Please note the change in schedule from our earlier letter which indicated that the competition will be held on December 6, 2024.

In addition to the competition, we would also like to invite teachers and students who will be in the Final Top Ten to join the **Met-Tourology on November 29, 2024**. The tour will cover sites such as ISU Climate Change Research Center and other research centers, PAGASA Echague Radar and Observation Station, and Magat Dam.

We are more than willing to meet with you via zoom should you want to discuss these activities and DepEd's involvement. Please let us know your preferred date and time.

For any further inquiries and concerns you may contact **Dr. Rafaela Jane Delfino**, our Outreach Committee Head at pms.outreach@gmail.com / rpdelino@up.edu.ph or at 09178942486. You may also contact the Isabela State University Coordinator for this activity, **Engr. Ryan Ancheta** at ryan.c.ancheta@isu.edu.ph or at 09557043701.

Thank you and we hope for your favorable response on this matter.

Very truly yours,

JOSEPH Q. BASCONCILLO, Ph.D.
President, PMS

October 3, 2024

To: **ALL SCHOOLS DIVISION SUPERINTENDENTS**

For information, dissemination and appropriate action

BENJAMIN D. PARAGAS PhD, CESO III
Director IV / Regional Director

ADVISORY	
To: <input checked="" type="checkbox"/> PSDS/DICs	<input checked="" type="checkbox"/> Elem/Sec School Heads
<input checked="" type="checkbox"/> Private Schools	<input type="checkbox"/> Others:
For: <input checked="" type="checkbox"/> Information	<input checked="" type="checkbox"/> Dissemination
<input checked="" type="checkbox"/> Guidance	
By: ORLANDO E. MANUEL PhD, CESO V Schools Division Superintendent	
By: <input type="checkbox"/> ASST <input type="checkbox"/> DDO <input type="checkbox"/> SDO <input type="checkbox"/> SDO <input type="checkbox"/> SDO	



**METeorology for YOUNg Scientists (MET4YOU):
Science, Technology and Innovation**

Philippine Meteorological Society and Isabela State University (Region 2)
In partnership with: DOST-PAGASA, DOST-SEI, DepEd Region 2

MET-INNOVATION MECHANICS

A. DESCRIPTION

The "**MET-Innovation**" Competition is open to all High School students in the two (2) identified regions whose studies and/or innovations are in the area of meteorology, especially in the field of early warnings for disaster risk reduction and management. The project will be in collaboration with the DOST-Science Education Institute (SEI); the Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA); Isabela State University, the Regional Office of the Department of Education (DepEd) in Cagayan Valley (Region 2).

B. OBJECTIVES

The project aims to:

- Boost the research and development capabilities of young science students;
- Encourage students to conduct studies and/or innovate ideas related to early warnings for DRRM; and
- Allow them to pursue their passion in science, technology, and innovations particularly in the areas of atmospheric science, meteorology, climatology, hydrology, and other related fields.
- Additional technical support for current undergraduate students in Meteorology in their research and possible career in the future

C. METHODOLOGY and IMPLEMENTING STRATEGIES

High schools in the identified regions will be encouraged to join the contest. PMS will seek the support of DOST-SEI and DepEd Regional Office for the dissemination of the "Call for Entries" for the said competition. To smoothen the conduct of the competition, the following activities shall be undertaken, to wit:

- Planning and Coordination activities with the DOST-SEI and DepEd Region 2.
- Announcement of "**Call for Entries**" for High Schools in Region 2.
- Screening and Acceptance of submitted entries. Submission of entries will be done online.
- Notifications to qualified research project entries
- Presentation and announcement of winners

Grand Competition Day

Top Ten (10) finalists will be selected and/or invited to present their research works along with the project prototype for the final presentation and judging of entries. All submitted entries will be judged based on the following criteria:

CRITERIA	PERCENTAGE
Quality	30%
Innovativeness	35%
Operational Value	35%
TOTAL	100%

The current members of the Board of Trustees of the PMS, representatives from ISU, DOST and DepEd shall serve as the Board of Judges for the said competition. Guidelines during the competition day are as follows:

- The competition will be conducted face-to-face.
- Each team shall present their research work/entry strictly for 15 minutes only.
- Q & A will immediately follow for 10 minutes
- Each team is allowed to invite their classmates and/or schoolmates to witness the competition. Maximum number of students and/or audience will be determined based on the capacity of the identified venue.

D. BENEFITS and OUTCOME

Because of the proposed competition, new ideas, primarily contributed by young science students will be derived from the project. The activity is expected to enhance the creativity and innovativeness of the High School students in the region and likewise boost their confidence in presenting their research works. The top three (3) winners (1st place, 2nd place, and 3rd place) will be given a slot in the oral presentations during the 2025 PMS Annual Convention while research abstract of the rest of the finalists will be included in the 8th Volume of the *Proceedings of the Philippine Meteorological Society* (ISSN: 259-5537). Additionally, the MET4YOU activities will help boost awareness on meteorology for the prospective high school students in the regions within the scope of the SUCs that are planning to institute the BS Meteorology program.

Winners will receive the following prizes:

Winners	Prize
First Prize	Php. 20,000.00
Second Prize	Php. 15,000.00
Third Prize	Php. 10,000.00
7 Consolation Prizes	Php. 5,000.00 (each)

The advisers/coaches of the winning top three (3) groups will be invited to be part of the Philippine Meteorological Society either as an Associate or Regular Member depending on their present qualification.

E. TIMELINE

Activities	AUG	SEP	OCT	NOV
Planning and coordination				
Announcement of "Call for Entries"				
Acceptance and screening of submitted entries				
Notification to the Top 10 research entries who will vie for the grand competition				
Grand Competition Day and Announcement of Winners				
Meet-the-Met, Met-Education, Met-Innovation and Met-Tourology events				

Philippine Meteorological Society and Isabela State University (Region 2)
In partnership with: DOST-PAGASA, DOST-SEI, DepEd Region 2 (tbc)

**METEorology for YOUNg Scientists (MET4YOU):
 Science, Technology and Innovation**

CAGAYAN VALLEY REGION (Region 2)

27 - 29 November 2024 (tbc)
 Function Hall, Climate Change Research Center
 Isabela State University Echague Campus

TENTATIVE PROGRAMME (DAY 1 - Nov 27)

MEET THE MET (Day 1 AM)

Target Participants: ISU Students from Meteorology-allied fields (~50 pax)

Time	Activity/Talk	Assigned Person
7:30 AM	Registration	
8:00 AM	Invocation	AVP
8:05 AM	National Anthem	AVP
8:10 AM	Opening Remarks	Representative of ISU
8:15 AM	Message	Head/Representative of ISU
8:20 AM	Weather Forecasting	Mr. Raymond Ordinario DOST-PAGASA / PMS BoT Member
8:45 AM	Local Forecasting	Atty. Romeo B. Ganai DOST-PAGASA / PMS Vice President
9:10 AM	Meteo for Agriculture / Agrometeorology	Mr. Ramil Tuppil DOST-PAGASA / PMS Member
9:40 AM	Health Break	
9:45 AM	Climatology	Dr. John Manalo DOST-PAGASA / PMS BoT Member
10:15 AM	Climate Change & ENSO, and UP IESM Graduate Programs & Research Labs	Dr. Rafaela Jane Delfino UP IESM / PMS BoT Member
10:40 AM	Push for Science	Representative, DOST-SEI
11:00 AM	DOST-SEI Programs	Representative, DOST-SEI
11:20 AM	Philippine Meteorological Society	Dr. Joseph Basconcillo DOST-PAGASA / PMS President
11:30 AM	Open Forum	EMCEE/ Moderator
11:50 AM	Awarding of Certificates of Appreciation	c/o PMS and Host SUC
11:55 AM	Closing Remarks	Representative of ISU
Emcee: Dr. Rafaela Jane Delfino, PMS BoT Member/Co-Chair, Outreach Committee		

MET-EDUCATION (Day 2 PM)

Target Participants: Stakeholders in Region 2 - DRRMOs, DA, etc. (30 - 50 pax)

Time	Activity/Talk	Assigned Person
1:00 PM	Registration	
1:20 PM	Invocation	AVP
1:25 PM	National Anthem	AVP
1:30 PM	Opening Remarks	Representative, ISU
1:35 PM	Message	Head/Representative of ISU
1:40 PM	Message	DOST Regional Representative
1:45 PM	Weather Forecasting	Mr. Raymond Ordinario DOST-PAGASA / PMS BoT Member
2:05 PM	Local Forecasting	Atty. Romeo B. Ganai DOST-PAGASA / PMS BoT Member
2:25 PM	Flood Forecasting	
2:45 PM	PM Snack	
3:00 PM	PAGASA Research & Development	Ms. Jehan Fe S. Panti DOST-PAGASA / PMS Vice President
3:20 PM	Philippine Meteorological Society (PMS)	Dr. Joseph Basconcillo DOST-PAGASA / PMS BoT Member
3:40 PM	Open Forum	
4:00 PM	Awarding of Certificates of Participation and Appreciation	c/o PMS and Host SUC
4:20 PM	Closing Remarks	Head/Representative of ISU
Emcee: Dr. John Manalo, PMS BoT Member PMS BoT Member/Co-Chair, Outreach Committee		

TENTATIVE PROGRAMME (Day 2 - Nov 28)

MET-INNOVATION (Day 2)

Target Participants: Senior / Junior High School Students in Region 2; 60-70 pax

Time	Activity/Talk	Assigned Person
7:30 AM	Registration	% PMS secretariat
8:30 AM	Invocation	AVP
8:35 AM	National Anthem	AVP
8:40 AM	Welcome Remarks	Head/Representative of ISU
8:45 AM	Message	Representative, DOST SEI / Regional Office
8:50 AM	Message	Representative, DepEd Regional Office
8:50 AM	Guidelines of the Competition	Dr. Rafaela Jane Delfino and Dr. John Manalo PMS Outreach Committee Co-Chairs
9:00 AM – 12:00	Presentation of Entries	Judges from PMS, ISU, DOST, DepEd Dr. Joseph Basconcillo, PMS President Atty. Romeo Ganat, PMS Vice-President ISU DOST SEI DepEd
12:00 PM	Lunch Break	
1:00 – 3:00 PM	Presentation of Entries	Judges from PMS, ISU, DOST, DepEd
3:00 PM	Awarding	c/o PMS Secretariat
Emcee: Dr. Rafaela Jane Delfino & Dr. John Manalo PMS BoT Members and Co-Chairs, Outreach Committee		

TENTATIVE PROGRAMME (Day 3 - Nov 29)

MET-TOUROLOGY (Day 3)

Target Participants: Senior / Junior High School Students in Region 2; 60-70 pax

Time	Activity/Talk	Assigned Person
tba	PAGASA Station	PAGASA
tba	ISU Climate Change Center & other relevant Centers	ISU
tba	ISU Campus Tour	ISU
tba	Magat Dam (~1hr away)	ISU