

**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%
<b>TOTAL</b>	<b>100%</b>

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 (1<sup>st</sup> place, 2<sup>nd</sup> place, and 3<sup>rd</sup> 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 8<sup>th</sup> 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				

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*In partnership with: DOST-PAGASA, DOST-SEI, DepEd Region 2 (tbc)*

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**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)

<b>Time</b>	<b>Activity/Talk</b>	<b>Assigned Person</b>
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	<a href="#">Mr. Raymond Ordinario</a> DOST-PAGASA / PMS BoT Member
8:45 AM	Local Forecasting	<a href="#">Atty. Romeo B. Ganal</a> DOST-PAGASA / PMS Vice President
9:10 AM	Meteo for Agriculture / Agrometeorology	<a href="#">Mr. Ramil Tuppil</a> DOST-PAGASA / PMS Member
9:40 AM	Health Break	
9:45 AM	Climatology	<a href="#">Dr. John Manalo</a> DOST-PAGASA / PMS BoT Member
10:15 AM	Climate Change & ENSO, and UP IESM Graduate Programs & Research Labs	<a href="#">Dr. Rafaela Jane Delfino</a> UP IESM / PMS BoT Member
10:40 AM	Push for Science	Representative, <i>DOST-SEI</i>
11:00 AM	DOST-SEI Programs	Representative, <i>DOST-SEI</i>
11:20 AM	Philippine Meteorological Society	<a href="#">Dr. Joseph Basconillo</a> 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: <a href="#">Dr. Rafaela Jane Delfino</a> , PMS BoT Member/Co-Chair, Outreach Committee		

## MET-EDUCATION (Day 2 PM)

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

<b>Time</b>	<b>Activity/Talk</b>	<b>Assigned Person</b>
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	<a href="#">Mr. Raymond Ordinario</a> DOST-PAGASA / PMS BoT Member
2:05 PM	Local Forecasting	<a href="#">Atty. Romeo B. Ganal</a> DOST-PAGASA / PMS BoT Member
2:25 PM	Flood Forecasting	
2:45 PM	PM Snack	
3:00 PM	PAGASA Research & Development	<a href="#">Ms. Jehan Fe S. Panti</a> DOST-PAGASA / PMS Vice President
3:20 PM	Philippine Meteorological Society (PMS)	<a href="#">Dr. Joseph Basconcillo</a> 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: <a href="#">Dr. John Manalo</a> , 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

<b>Time</b>	<b>Activity/Talk</b>	<b>Assigned Person</b>
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	<a href="#">Dr. Rafaela Jane Delfino</a> <a href="#">and Dr. John Manalo</a> PMS Outreach Committee Co-Chairs
9:00 AM – 12:00	Presentation of Entries	Judges from PMS, ISU, DOST, DepEd  <a href="#">Dr. Joseph Basconillo</a> , PMS President <a href="#">Atty. Romeo Ganal</a> , PMS Vice-President ISU 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: <a href="#">Dr. Rafaela Jane Delfino</a> & <a href="#">Dr. John Manalo</a> 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

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