

Patrick Rupert P. Bulic

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EDUCATION

BS in Meteorology Visayas State University – Main Campus <ul style="list-style-type: none">• <i>Graduating Cum Laude</i>	2021- 2025
Senior High School – Accounting and Business Management Saint Paul School of Professional Studies <ul style="list-style-type: none">• <i>Graduated with High Honors</i>	2019-2021
Junior High School – Science, Technology, and Engineering Leyte National High School <ul style="list-style-type: none">• <i>Graduated with Honors</i>	2015-2019

RESEARCH WORK

Case Study in Mete 132: Synoptic Meteorology II (Laboratory)

Title: Analysis of rainfall and temperature variability during the seasonal monsoons in Tacloban City, Leyte, Philippines

- Research team leader and co-author
- Seeks to characterize the temporal variability of temperature and rainfall from January 2012 to December 2021 while differentiating their variabilities during the seasonal monsoons.

Undergraduate Thesis

Title: Analyzing the climate characteristics of temperature and rainfall and how it shapes the climate zones of Eastern Visayas using ERA5 dataset

- Main author
- Seeks to study the climatic characteristics of temperature and rainfall—their trend, correlation, and projection—and how said parameters may shape the climate zones of Eastern Visayas.

TEACHING EXPERIENCE

Calculus Tutor **2022-2024**

Visayas State University – Main Campus

- Voluntary tutoring services for freshmen and sophomore students in BS Meteorology focusing on Calculus I and II, Vector Calculus, and Differential Equations.
- Created lecture material and problem sets for tutee.

Physics Tutor**2022-2023**

Visayas State University – Main Campus

- Participated in group tutor and review sessions for Physics classes with peers.

CONFERENCE PRESENTATIONS

Oral Presentations

Bulic, P.R.P. (2025). Climate Change: The Wetting and Warming Crisis of Eastern Visayas. Presented at the Faculty of Engineering Grand Lecture and Engineering Colloquium, Visayas State University, Baybay City, Leyte

Poster Presentations

Alkuino, V.L., Bendulo, H. A., **Bulic, P.R.P.**, Cabalar, J.H. (2023). Analysis of rainfall and temperature variability during the seasonal monsoons in Tacloban City, Leyte, Philippines. Poster presented at the College of Engineering and Technology – Research Colloquium, Visayas State University, Baybay City, Leyte

Bulic, P.R.P. (2025). Analyzing the climate characteristics of temperature and rainfall and how it shapes the climate zones of Eastern Visayas using ERA5 Dataset. Poster presented at the Philippine Meteorological Society 2025 Annual Convention – Novotel Araneta City, General Aguinaldo Avenue, Quezon City

RELEVANT EXPERIENCES

Visayas State University – Meteorological Society**2022-2025***Member and Former Officer*

- Participated and spearheaded various meteorology-related activities focusing on honing the skills of student meteorologists and sharing our passion for meteorology.
- Vice President for Internal Affairs (2023-2024)
- Director of Finance (2022-2023)

DOST-PAGASA Central Office**June-July 2024***Student Intern*

- Calibrated meteorological instruments at the PAGASA Instrument Calibration Laboratory.
- Decoded SYNOP codes, updated hydrological forecasts, and released flood advisories during monitoring of various river basins and dams.

HONORS AND AWARDS

Department of Science and Technology**2023-2025**

Junior Level Science Scholarship (DOST-JLSS) Awardee

PROFESSIONAL MEMBERSHIPS

- Philippine Meteorological Society, Student Member (2023-present)