



ROMBLON STATE UNIVERSITY  
College of Engineering and Technology  
Department of Civil Engineering



CE 315 – HYDROLOGY  
1st Semester SY 2020-2021

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**ASSIGNMENT # 4**

**PRECIPITATION**

(E-book Reference: Fundamentals of Hydrology, Davie, T.)

**DUE DATE: ON OR BEFORE 27 October 2020 (TUESDAY), 5:00PM**

**NOTE: This homework should be written in the notebook. DO NOT COPY – SUMMARIZE YOUR ANSWERS. ONLY WRITE down the key words/phrases only. Maximum two (2) pages of your notebook. Exceeding two pages of notebook will receive point deduction. Write clearly!**

**Reference E-book: Fundamentals of Hydrology, Davie, T. (Chapter 2)**

Answer the following questions:

1. What are the three conditions that need to be met to precipitation forming?
2. What are the static influences on precipitation distribution>
3. What are the sources of error in measuring rainfall using rain gauge>
4. How are errors in the measurement of rainfall minimized? Summarized discussion.
5. Briefly explain on how to close the best site in locating a rain gauge.
6. Define the following terms:
  - Throughfall
  - Stemflow
  - Inteception Loss
  - Interception Gain