



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 # 5**  
**EVAPORATION & EVAPOTRANSPIRATION**  
(E-book Reference: Concise Hydrology, Dawei, H.)

**DUE DATE: ON OR BEFORE 30 October 2020 (FRIDAY), 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!**

Answer the following questions:

1. Define the following terms:
  - Flux
  - Radiation emission
  - Net radiation
  - Vapor pressure
  - Relative humidity
  - Sensible Heat
  - Latent Heat
2. What are the methods in determining evaporation from open water surface?
3. What are the methods/techniques and instruments used in measuring and calculating evapotranspiration on field?
4. What are the weather variables needed for calculating evaporation from open water surface?
5. What are the factors that influence the actual evapotranspiration on land?