**MARMARA UNIVERSITY**

**FACULTY OF ENGINEERING**

**ENVIRONMENTAL ENGINEERING DEPARTMENT**

**ENVE 4197/4198 ENGINEERING PROJECT**

**PROPOSAL FORM**

**FALL 2025-2026**

|  |
| --- |
| **Instructor : Doç. Dr. Aslıhan Kerç**  **Project Title : Evaluation of Water-use Efficiency in Marmara University**  **Proposal No. : 1**  **Number of Students :** (Max 2 students) 2  **Requirements (from students) :** |
| **Scope of the Project :**  In Turkiye current regulations on water-use efficiency necessitates the university campuses to evaluate their water consumptions and prepare their action plans for better water management, seek water reuse options. University campuses will receive labels according to their level of good water management status. This is also necessary for being a “green campus”. Within the scope of this project data on water consumption will be collected from the campus and potential actions for decreasing water consumption, alternatives for reuse options will be evaluated. |
| **Hardware/Software/Lab/Equipment Requirements :**  Desktop research  Data collection from the field (university campus)  Water meters |
| **Development Plan :**  Identification of water consumption areas in the campus  Collecting data about water consumption  Installation of water meters in pilot buildings and monitoring the consumptions  Analysis of data, preparing the water management action plan  Exploring reuse options |