**MARMARA UNIVERSITY**

**FACULTY OF ENGINEERING**

**ENVIRONMENTAL ENGINEERING DEPARTMENT**

**ENVE 4197/4198 ENGINEERING PROJECT**

**PROPOSAL FORM**

**FALL 2025-2026**

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| **Instructor : Orhan Gökyay**  **Project Title : THE EFFECT OF DEWATERED SLUDGE ON THE DEVELOPMENT OF TOMATO PLANTS**  **Proposal No. : 1**  **Number of Students :** (Max 2 students)  **Requirements (from students) :** |
| **Scope of the Project : It is aimed to examine the use of dewatered sewage sludge in agriculture because it contains rich micro and macro nutrients and its effects on plants.** |
| **Hardware/Software/Lab/Equipment Requirements : SPSS Statistics, PC and internet, access to the Marmara University library, DOBİSU (Doğa Bitkileri ve Su Ürünleri) lab in Göztepe Campus.** |
| **Development Plan : In order to observe the development and yield criteria of the tomato plant using the dewatered sludge samples obtained with different treatment methods from different treatment plants. Tomato plants will be planted in numerous pots. By mixing dewatered sludge and plant soil using different ratio, it is aimed to reach the optimum dosage and which dewatered sludge will give the most ideal results.** |