**MARMARA UNIVERSITY**

**FACULTY OF ENGINEERING**

**ENVIRONMENTAL ENGINEERING DEPARTMENT**

**ENVE 4197/4198 ENGINEERING PROJECT**

**PROPOSAL FORM**

**FALL 2021-2022**

|  |
| --- |
| **Instructor: Habibullah Uzun**  **Project Title:** Evaluation of the possibility of PFAS pollution in major water sources of the Marmara region.  **Proposal No. :**  **Number of Students:** 4 students  **Requirements (from students) :**  Students; are interested in physicochemical processes and pursue a job in the drinking water business. |
| **Scope of the Project :**   * Within the scope of this project, a detailed literature review will be conducted. Students are expected to read more than 50 peer-reviewed articles. * Major drinking water sources in the Marmara region will be determined and their hydrological status will be evaluated. * Potential major point and non-point sources will be determined. * And, finally probability of PFAS pollutions in the water sources will be evaluated. |
| **Hardware/Software/Lab/Equipment Requirements :**  WEAP and/or ArcGIS hydrology program  Statistic software  Microsoft office |
| **Development Plan :**  Will be determined later |