**MARMARA UNIVERSITY**

**FACULTY OF ENGINEERING**

**ENVIRONMENTAL ENGINEERING DEPARTMENT**

**ENVE 4197/4198 ENGINEERING PROJECT**

**PROPOSAL FORM**

**FALL 2021-2022**

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| **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.
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| **Hardware/Software/Lab/Equipment Requirements :**WEAP and/or ArcGIS hydrology program Statistic softwareMicrosoft office |
| **Development Plan :**Will be determined later |