



**MARMARA UNIVERSITY
FACULTY OF ENGINEERING
ENVIRONMENTAL ENGINEERING DEPARTMENT**

**ENVE 4197/4198 SENIOR DESIGN PROJECT
PROPOSAL FORM
FALL 2019-2020**

Instructor: Assist. Prof. Dr. Habibullah Uzun

Project Title: Determination of possible correlations between water quality parameters and the release of elements from California wildfires.

Proposal No.: *HUzun 1-*

Number of Students: 2

Requirements (from students): Statistic and Environmental Chemistry courses

Scope of the Project: In the scope of this project, a student will perform statistical analysis to determine possible correlations between basic water quality parameter and the release of elements measured in California wildfire samples. Statistical tests will be designed and performed including regression analysis.

Hardware/Software/Lab/Equipment Requirements: -

Statistical analysis software is required. The software will be determined with student based on their capabilities.

Development Plan:

Concentrations of water quality parameters and elements have already been collected

The data needs to be analyzed
