



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

**ENVE 497/498 SENIOR DESIGN PROJECT  
PROPOSAL FORM  
FALL 2017**

**Instructor :** Assoc. Prof. Bilge Alpaslan Kocamemi

**Project Title :** Effect of nanoscale zero-valent iron on the performance of anaerobic ammonium oxidation (ANAMMOX) process

**Proposal No. :** *Bilge Alpaslan Kocamemi-1*

**Number of Students :** 2

**Requirements (from students) :** Courses on Enve 301, Enve 302 and Enve 303 as to be taken.

**Scope of the Project :**

In the scope of this project, the students will perform continuous flow experiments to evaluate the effect of nanoscale zero-valent iron on Anammox process.

**Hardware/Software/Lab/Equipment Requirements :**

**Development Plan :**

Experiments will be performed using experimental set-up already exists

The students first will collect data and then evaluate.

