



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

**ENVE 4197/4198 ENGINEERING PROJECT
PROPOSAL FORM
FALL 2019**

Instructor : Dr. Kamil Erkan

Project Title : Heat flow in Southeastern Anatolia

Proposal No. : KamilErkan-2

Number of Students : 2

Requirements (from students): The prerequisite for this project is ENVE4096. The student is required to perform the weekly tasks assigned by the instructor.

Scope of the Project: Regional heat flow is an important parameter to study regional tectonics and geothermal resources. In this project, we will analyze bottom hole temperature data in Southeast Anatolia and thermal conductivity parameters of rocks in order to understand the regional heat flow.

Hardware/Software/Lab/Equipment Requirements: Excel and Surfer programs will be used.

Development Plan :

1. Literature review
2. Data analysis
3. Model development
4. Writing the project report