

LIST OF TOPICS OFFERED BY THE ADVISORS FOR ENVE 490
(2022-2023 I.)

Prof. Dr. İpek İMAMOĞLU

1. Do plastics age? If so, how? Can we simulate UV aging in the laboratory?
2. Do plastics age? If so, how? Can we simulate bio-aging in the laboratory?
3. Sorption of organic pollutants onto pristine & aged microplastics.

Dr. Öğr. Üyesi Sema Sevinç ŞENGÖR

1. Sustainable Water Management Systems: Comparison of Sustainable Applications and Role of Groundwater Resources.
2. Impact of Climate Change on Groundwater Systems.

Dr. Öğr. Üyesi Y. Dilşad YILMAZEL TOKEL

1. Hyperthermophilic biohydrogen production.
2. Bioelectrochemically assisted methane production.
3. Enhancement of biomethane recovery via amendment of conductive materials.
4. Techno-economic analysis of biomethane recovery from complex wastes.
5. Nutrient recovery from complex waste digester effluents.