

Res. Asst. GAMZE TANIK

Personal Information

Office Phone: [+90 312 210 5740](tel:+903122105740)

Fax Phone: [+90 312 210 5750](tel:+903122105750)

Email: gtanik@metu.edu.tr

Web: <https://avesis.metu.edu.tr/gtanik>

Biography

Gamze is lifelong paleontology enthusiast. The undergraduate degree she obtained from the Dept. of Geological Engineering in METU allowed her to discover the paleontology world, now as a profession. She uses micropaleontology as a tool for interpreting environment related variables. For her Master's thesis she studied the 57-54 million years old planktonic foraminifera which go through a rapid global warming phase during what is called Paleocene-Eocene Thermal Maximum. Later she researched the pteropoda in the same interval. Now Gamze is also affiliated with the Marine Sciences Institute of METU. She joined a scientific cruise to the Sea of Marmara and the Black Sea during July 2019, and gathered some short sea bottom sediment cores. She is currently working on these recent sediment samples and identifying foraminifera to unravel the affect of climate change and antropogenic pollution in microorganisms.

Education Information

Doctorate, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, Turkey 2017
- Continues

Postgraduate, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, Turkey
2014 - 2017

Undergraduate, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, Turkey
2008 - 2014

Dissertations

Postgraduate, Upper Paleocene-Lowermost Eocene Planktonic Foraminiferal Biostratigraphy and Record of the Paleocene-Eocene Thermal Maximum in the Haymana Basin (Ankara, Turkey), Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, 2017

Research Areas

General Geology, Paleontology (paleobotany, invertebrate, vertebrate), Sedimentology, Stratigraphy, Geology

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering,
2015 - Continues

Refereed Congress / Symposium Publications in Proceedings

- I. **Upper Paleocene-Lowermost Eocene Planktonic Foraminiferal Biostratigraphy and Record of the Paleocene-Eocene Thermal Maximum in the Haymana Basin (Ankara, Turkey)**
Tanık G., Altıner S.
European Geosciences Union General Assembly 2018, Vienna, Austria, 8 - 13 April 2018, pp.158
- II. **INITIAL FINDINGS ON PLANKTONIC FORAMINIFERAL BIOSTRATIGRAPHY OF AN UPPER PALEOCENE – LOWER EOCENE SUCCESSION IN NORTHERN HAYMANA (ANKARA, TURKEY)**
Tanık G., Altıner S.
70. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 10 - 14 April 2017, pp.646-647