

Res. Asst. GAMZE TANIK

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAZ-9087-2020

Yoksis Researcher ID: 223590

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. **An Opportunistic Foraminifera *Virgulina fragilis* Grindel and Collen in the Anoxic/Sulphidic İzmit Bay**
Tanık G., Altın S., Yücel M., Alimli N., Akçay I.
75. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 10 - 14 April 2023, pp.530
- II. **Late Paleocene-Early Eocene Pteropods (Gastropoda: Euthecosomata) from the Haymana Basin (Central Anatolia, Turkey)**
Tanık G., Altın S.
73. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 24 - 28 May 2021, pp.911-912
- III. **Upper Paleocene-Lowermost Eocene Planktonic Foraminiferal Biostratigraphy and Record of the Paleocene-Eocene Thermal Maximum in the Haymana Basin (Ankara, Turkey)**
Tanık G., Altın S.
European Geosciences Union General Assembly 2018, Vienna, Austria, 8 - 13 April 2018, pp.158
- IV. **Upper Paleocene-Lowermost Eocene Planktonic Foraminiferal Biostratigraphy and Record of the Paleocene-Eocene Thermal Maximum in the Haymana Basin (Ankara, Turkey)**
Tanık G., Altın S.
EGU General Assembly 2018, Vienna, Austria, 8 - 13 April 2018
- V. **INITIAL FINDINGS ON PLANKTONIC FORAMINIFERAL BIOSTRATIGRAPHY OF AN UPPER PALEOCENE – LOWER EOCENE SUCCESSION IN NORTHERN HAYMANA (ANKARA, TURKEY)**
Tanık G., Altın S.
70. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 10 - 14 April 2017, pp.646-647
- VI. **KUZEY HAYMANA'DA (ANKARA, TÜRKİYE) ÜST PALEOSEN– ALT EOCENE İSTİFİNDE PLANKTONİK FORAMİNİFERBİYOSTRATİGRAFİSİ İLE İLGİLİ İLK BULGULAR**
Tanık G., Altın S.
70. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 10 - 14 April 2017

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Publication: 7