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Education Information

Doctorate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Jeoloji Mühendisliği (Dr), Turkey 1998 - 2002

Research Areas

General Geology, Geoarcheology, Sedimentology, Stratigraphy, Geology

Academic Titles / Tasks

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

Academic and Administrative Experience

Middle East Technical University, Graduate School of Natural and Applied Sciences, Yer Sistemi Bilimleri Anabilim Dalı, 2011 - Continues

Advising Theses

YILMAZ İ. Ö., Source rock characterization of the shales and mudstones of the campanian–maastrichtian Haymana formation, Haymana basin, Central Anatolia, Turkey, Doctorate, L.TAYLAN(Student), 2022
YILMAZ İ. Ö., Sedimentological and cyclostratigraphic analysis of the Çakrazboz formation (TRIASSIC) in Amasra-Kastamonu region, Doctorate, G.ŞEN(Student), 2021
YILMAZ İ. Ö., Cenomanian–turonian platform evolution and records of OAE 2 on the drowned northern arabian carbonate platform (se Turkey): Integration of biostratigraphy, sequence stratigraphy, sedimentology, and stable isotopes, Doctorate, O.Mülayim(Student), 2020

YILMAZ İ. Ö., Reservoir heterogeneity, sedimentology, and diagenesis of ordovician bedinan formation, southern diyarbakir basin, se turkey: paleogeographic implications, Postgraduate, G.Yıldız(Student), 2019
Yılmaz İ. Ö., Sedimentology, cyclostratigraphy, sequence stratigraphy and geochemistry of the middle eocene lacustrine-marine oil-shales transition, Mudurnu Göynük basin, NW Anatolia, Turkey, Doctorate, B.ZAMIR(Student), 2019
YILMAZ İ. Ö., Microfacies analysis of upper devonian - lower carboniferous shallow water carbonates of the yilanli formation in Zonguldak area, North Western, Turkey, Postgraduate, N.AHMED(Student), 2016
YILMAZ İ. Ö., Stratigraphical, sedimentological, geochemical and cyclostratigraphical analyses of upper cretaceous (Upper santonian- campanian) pelagic successions of haymana and Mudurnu-Göynük basins of the Sakarya continent, Turkey, Postgraduate, B.ZAMIR(Student), 2014
AKINOĞLU B. G., YILMAZ İ. Ö., Analysis of sunshine duration between 1970 and 2010 for Turkey, Postgraduate, U.YILDIRIM(Student), 2013
YILMAZ İ. Ö., Sedimentary petrographic properties and porosity distribution of the karababa-c member in the vicinity of the Bati Gökçe and Gölgeli· oil fields, Adıyaman, se Turkey, Postgraduate, M.SOYTÜRK(Student), 2013
YILMAZ İ. Ö., GÜNAL TÜRKMENOĞLU A., Sedimentological, cyclostratigraphic analysis and reservoir characterization of Balakhany x formation within the productive series Azeri field on C01 well (Offshore Azerbaijan), Postgraduate, E.BİNYATOV(Student), 2008
YILMAZ İ. Ö., Sedimentological and cyclostratigraphic analysis of upper part of the Kartal formation (South West of Ankara), Postgraduate, R.AGHAYEV(Student), 2008
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YILMAZ İ. Ö., Sedimentology and stratigraphy of Türbeyanı marl sequences and İnpiri limestones (late barremian-albian): Implications for possible source and reservoir rocks (NW Turkey), Postgraduate, A.NABİYEV(Student), 2007
YILMAZ İ. Ö., Sedimentological, cyclostratigraphical and sequence stratigraphical analysis of cretaceous Üzümlü formation (NW Turkey), Postgraduate, S.Yiğit(Student), 2007
YILMAZ İ. Ö., Sedimentological, cyclostratigraphical and sequence stratigraphical analysis of cretaceous üzümlü formation (Northwest Turkey), Postgraduate, S.YİĞİT(Student), 2007

Published journal articles indexed by SCI, SSCI, and AHCI

I. **The heterobranch subgenus Trochactaeon (Trochactaeon) in the Campanian (Late Cretaceous) of the northern Arabian Platform and its paleoenvironmental and paleobiogeographic implications**
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II. **Pithonellid calcitarch record in the middle? Cenomanian Derdere-A Member, SE Turkey: palaeoenvironmental changes and stratigraphic significance**
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V. **Microfacies and stable isotope analyses (δ13C and δ18O) of the upper Serpukhovian-Moscovian carbonates in the Hadim Nappe, southern Turkey: an approach to document the Late Paleozoic Ice Age (LPIA)**
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VI. **Geochemical and petrographic approach for the origin of the limestone blocks of the walls of the Great Temple of Hattusha, Corum (N-Turkey)**
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VII. **Sedimentological and geochemical approaches for determination of the palaeoceanographic and palaeoclimatic conditions of Lower Cretaceous marine deposits in the eastern part of Sakarya Zone, NE Turkey**
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X. **First record of late Campanian paieoceanographic and paieociimatic changes, Arabian platform, Mazidag-Mardin area, SE Turkey**
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XI. **Micropalaeontology, biostratigraphy, and depositional setting of the mid-Cretaceous Derdere Formation at Derik, Mardin, south-eastern Turkey**
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XIV. **Late Cretaceous stratigraphy in the Mudurnu-Goynuk Basin (Turkey) and inferences on sea-level change in the Late Campanian to Early Maastrichtian**
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COMPTES RENDUS PALEVOL, vol.17, no.8, pp.495-503, 2018 (SCI-Expanded)

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XXII. **Plankton biostratigraphy and magnetostratigraphy of the Santonian-Campanian boundary interval in the Mudurnu-Goynuk Basin, northwestern Turkey**
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XXVII. **Ecological response to collapse of the biological pump following the mass extinction at the Cretaceous-Paleogene boundary**
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Sarigul V., Hakyemez A., Tuysuz O., Can Genc S., YILMAZ İ. Ö., Özcan E.
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XXIX. **Illitization of Late Devonian-Early Carboniferous K-bentonites from Western Pontides, NW Turkey: Implications for their origin and age**
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XXX. **Geological features and geochemical characteristics of Late Devonian-Early Carboniferous K-bentonites from northwestern Turkey**
GÖNCÜOĞLU M. C., Gunal-Turkmenoglu A., BOZKAYA Ö., Unluce-Yucel O., OKUYUCU C., YILMAZ İ. Ö.
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XXXI. **Upper Jurassic-Lower Cretaceous depositional environments and evolution of the Bilecik (Sakarya**

Zone) and Tauride carbonate platforms, Turkey
YILMAZ İ. Ö., ALTINER D., OCAKOĞLU F.
PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY, vol.449, pp.321-340, 2016 (SCI-Expanded)

XXXII. **A 2800-year multi-proxy sedimentary record of climate change from Lake Cubuk (Goynuk, Bolu, NW Anatolia)**
OCAKOĞLU F., Doenmez E. O., AKBULUT A., TUNOĞLU C., Kır O., Açıkalın S., Erayık C., YILMAZ İ. Ö., Leroy S.
HOLOCENE, vol.26, no.2, pp.205-221, 2016 (SCI-Expanded)

XXXIII. **Upper Cenomanian-Lower Campanian Derdere and Karababa formations in the Cemberlitas oil field, southeastern Turkey: their microfacies analyses, depositional environments, and sequence stratigraphy**
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XXXIV. **Review: Short-term sea-level changes in a greenhouse world - A view from the Cretaceous**
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XXXV. **Advances and Perspectives in Understanding Cretaceous Sea-level Change Preface**
Wagreich M., Haq B. U., Melinte-Dobrinescu M., Sames B., YILMAZ İ. Ö.
PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY, vol.441, pp.391-392, 2016 (SCI-Expanded)

XXXVI. **Stable isotopes and geochemistry of a Campanian-Maastrichtian pelagic succession, Mudurnu-Goynuk Basin, NW Turkey: Implications for palaeoceanography, palaeoclimate and sea-level fluctuations**
Acikalin S., OCAKOĞLU F., YILMAZ İ. Ö., Vonhof H., Hakyemez A., Smit J.
PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY, vol.441, pp.453-466, 2016 (SCI-Expanded)

XXXVII. **Ecological response to collapse of the biological pump following the mass extinction at the Cretaceous Paleogene boundary**
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XXXVIII. **The Kapanbogazi formation: A key unit for understanding Late Cretaceous evolution of the Pontides, N Turkey**
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XXXIX. **The 9th International Symposium on the Cretaceous System, held on 1-5 September 2013 in Ankara, Turkey**
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XL. **An approach to paleoclimatic conditions for Devonian (upper Lochkovian and middle Givetian) ironstone formation, NW Anatolian carbonate platform**
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GÜNAL TÜRKMENOĞLU A., BOZKAYA Ö., GÖNCÜOĞLU M. C., Unluce O., YILMAZ İ. Ö., OKUYUCU C.
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XLII. **Geochemical and palaeontological characterization of a new K-Pg Boundary locality from the Northern branch of the Neo-Tethys: Mudurnu - Goynuk Basin, NW Turkey**
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XLV. **The first record of the "Mid-Barremian" Oceanic Anoxic Event and the Late Hauterivian platform drowning of the Bilecik platform, Sakarya Zone, western Turkey**
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LII. **Foraminiferal biostratigraphy and sequence stratigraphy across the mid-Carboniferous boundary in the Central Taurides, Turkey**
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LX. **Necdetina, a new fusulinoidean foraminifera with a recrystallized or replaced wall from the middle permian of the central tauride belt, Turkey**
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