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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

Professional Experience

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

Advising Theses

- 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 yılanlı formation in Zonguldak area, North Western, Turkey, Post Graduate, 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, Post Graduate, B.ZAMIR(Student), 2014
- YILMAZ İ. Ö. , AKINOĞLU B. G. , Analysis of sunshine duration between 1970 and 2010 for Turkey, Post Graduate, 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 Gölgeci oil fields, Adiyaman, se Turkey, Post Graduate, M.SOYTÜRK(Student), 2013
- YILMAZ İ. Ö. , Sedimentological and cyclostratigraphic analysis of upper part of the Kartal formation (South West of Ankara), Post Graduate, R.AGHAYEV(Student), 2008
- YILMAZ İ. Ö. , GÜNAL TÜRKMEÑOĞLU A., Sedimentological, cyclostratigraphic analysis and reservoir characterization of Balakhany x formation within the productive series Azeri field on C01 well (Offshore Azerbaijan), Post Graduate,

E.BİNYATOV(Student), 2008

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), Post Graduate, A.NABİYEY(Student), 2007

YILMAZ İ. Ö. , Sedimentological, cyclostratigraphical and sequence stratigraphical analysis of cretaceous üzümlü formation (Northwest Turkey), Post Graduate, S.YİĞİT(Student), 2007

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Reservoir heterogeneity of Ordovician sandstone reservoir (Bedinan Formation, SE Turkey): Diagenetic and sedimentological approaches**
Yildiz G., YILMAZ İ. Ö.
MARINE AND PETROLEUM GEOLOGY, vol.118, 2020 (Journal Indexed in SCI)
- **A Cenomanian-Santonian rudist-bearing carbonate platform on the northern Arabian Plate, Turkey: facies and sequence stratigraphy**
Mulayım O., YILMAZ İ. Ö. , Ozer S., SARI B., TASLI K.
CRETACEOUS RESEARCH, vol.110, 2020 (Journal Indexed in SCI)
- **Late Cretaceous stratigraphy in the Mudurnu-Goynuk Basin (Turkey) and inferences on sea-level change in the Late Campanian to Early Maastrichtian**
Wolfgring E., Wagreeich M., YILMAZ İ. Ö. , Liu Shasha L. S. , Boehm K.
CRETACEOUS CLIMATE EVENTS AND SHORT-TERM SEA-LEVEL CHANGES, vol.498, pp.129-146, 2020 (Journal Indexed in SCI)
- **An introduction to causes and consequences of Cretaceous sea-level changes (IGCP 609)**
Wagreeich M., Sames B., Hart M., YILMAZ İ. Ö.
CRETACEOUS CLIMATE EVENTS AND SHORT-TERM SEA-LEVEL CHANGES, vol.498, pp.1-8, 2020 (Journal Indexed in SCI)
- **Chronology of subduction and collision along the Izmir-Ankara suture in Western Anatolia: records from the Central Sakarya Basin**
Ocakoglu F., Hakyemez A., Açıkalm S., Altın S., Büyükmeriç Y., Licht A., Demircan H., Şafak Ü., Yıldız A., Yılmaz İ. Ö. , et al.
INTERNATIONAL GEOLOGY REVIEW, vol.61, pp.1244-1269, 2019 (Journal Indexed in SCI)
- **New Araucarian Conifer from the Late Cretaceous (Campanian-Maastrichtian) of Southeastern Turkey**
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INTERNATIONAL JOURNAL OF PLANT SCIENCES, vol.180, pp.597-606, 2019 (Journal Indexed in SCI)
- **PALEOGEOGRAPHIC NORTHEASTERN LIMITS OF APHRODINA DUTRUGEI (COCQUAND, 1862) (HETERODONTA, BIVALVIA) FROM THE CENOMANIAN OF THE ARABIAN PLATFORM**
Hosgor I., Yılmaz İ. Ö.
RIVISTA ITALIANA DI PALEONTOLOGIA E STRATIGRAFIA, vol.125, pp.421-431, 2019 (Journal Indexed in SCI)
- **Upper Cretaceous volcanoclastic complexes and calcareous plankton biostratigraphy in the Western Pontides, NW Turkey**
Boehm K., Wagreeich M., Wolfgring E., Tuysuz O., Gier S., YILMAZ İ. Ö.
TURKISH JOURNAL OF EARTH SCIENCES, vol.28, pp.187-209, 2019 (Journal Indexed in SCI)
- **Occurrence of the Lower Cambrian anemone-style trace fossils in the Zabuk Formation (Mardin-Derik, SE Turkey)**
Hosgor I., YILMAZ İ. Ö.
COMPRES RENDUS PALEVOL, vol.17, pp.495-503, 2018 (Journal Indexed in SCI)
- **Roveacrinid microfacial assemblages (Roveacrinida, Crinoidea) from the Lower-Middle Cenomanian of the Adyaman area (SE Turkey)**
Mulayım O., YILMAZ İ. Ö. , Ferre B.
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- **Plankton biostratigraphy and magnetostratigraphy of the Santonian-Campanian boundary interval in the Mudurnu-Goynuk Basin, northwestern Turkey**
Wolfgring E., Wagreich M., Dinares-Turell J., YILMAZ İ. Ö., Bohm K.
CRETACEOUS RESEARCH, vol.87, pp.296-311, 2018 (Journal Indexed in SCI)
- **The upper Coniacian to upper Santonian drowned Arabian carbonate platform, the Mardin-Mazidag area, SE Turkey: Sedimentological, stratigraphic, and ichthyofaunal records**
YILMAZ İ. Ö., Cook T. D., Hosgor I., Wagreich M., Rebman K., Murray A. M.
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- **Orbitally-driven Mid-Burdigalian Coastal Sabkha cycles from the Sivas Basin: Sedimentological, paleontological, and geochemical data**
OCAKOĞLU F., Yavuz N., Aydin A., YILMAZ İ. Ö.
PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY, vol.490, pp.505-521, 2018 (Journal Indexed in SCI)
- **Divaricate patterns in Cambro-Ordovician obolid brachiopods from Gondwana**
Mergl M., Hosgor I., YILMAZ İ. Ö., Zamora S., Colmenar J.
HISTORICAL BIOLOGY, vol.30, pp.1015-1029, 2018 (Journal Indexed in SCI)
- **Fluids along the North Anatolian Fault, Niksar basin, north central Turkey: Insight from stable isotopic and geochemical analysis of calcite veins**
Sturrock C. P., Catlos E. J., Miller N. R., AKGÜN A., Fall A., Gabitov R. I., YILMAZ İ. Ö., Larson T., Black K. N.
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- **Ecological response to collapse of the biological pump following the mass extinction at the Cretaceous-Paleogene boundary**
Vellekoop J., Woelders L., Acikalin S., Smit J., van de Schootbrugge B., YILMAZ İ. Ö., Brinkhuis H., Speijer R. P.
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- **Maastrichtian-Thanetian planktonic foraminiferal biostratigraphy and remarks on the K-Pg boundary in the southern Kocaeli Peninsula (NW Turkey)**
Sarigul V., Hakyemez A., Tuysuz O., Can Genc S., YILMAZ İ. Ö., Özcan E.
TURKISH JOURNAL OF EARTH SCIENCES, vol.26, pp.1-29, 2017 (Journal Indexed in SCI)
- **Illitization of Late Devonian-Early Carboniferous K-bentonites from Western Pontides, NW Turkey: Implications for their origin and age**
BOZKAYA Ö., GÜNAL TÜRKMEÑOĞLU A., GÖNCÜOĞLU M. C., Unluce O., YILMAZ İ. Ö., Schroeder P. A.
APPLIED CLAY SCIENCE, vol.134, pp.257-274, 2016 (Journal Indexed in SCI)
- **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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- **Upper Jurassic-Lower Cretaceous depositional environments and evolution of the Bilecik (Sakarya Zone) and Tauride carbonate platforms, Turkey**
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- **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., Kir O., Açikalın S., Erayık C., YILMAZ İ. Ö., Leroy S.
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- **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 (Journal Indexed in SCI)
- **Stable isotopes and geochemistry of a Campanian-Maastrichtian pelagic succession, Mudurnu-Goynuk Basin, NW Turkey: Implications for palaeoceanography, palaeoclimate and sea-level**

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Acikalin S., OCAKOĞLU F., YILMAZ İ. Ö. , Vonhof H., Hakyemez A., Smit J.

PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY, vol.441, pp.453-466, 2016 (Journal Indexed in SCI)

● **Upper Cenomanian-Lower Campanian Dardere and Karababa formations in the Cemberlitas oil field, southeastern Turkey: their microfacies analyses, depositional environments, and sequence stratigraphy**

Mülayim O., Mancini E., Çemen İ., YILMAZ İ. Ö.

TURKISH JOURNAL OF EARTH SCIENCES, vol.25, pp.46-63, 2016 (Journal Indexed in SCI)

● **The Kapanbogazi formation: A key unit for understanding Late Cretaceous evolution of the Pontides, N Turkey**

TÜYSÜZ O., Melinte-Dobrinescu M. C. , YILMAZ İ. Ö. , Kirici S., Svabenicka L., Skupien P.

PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY, vol.441, pp.565-581, 2016 (Journal Indexed in SCI)

● **Ecological response to collapse of the biological pump following the mass extinction at the Cretaceous Paleogene boundary**

Vellekoop J., Woelders L., Açıklın S., Smit J., van de Schootbrugge B., YILMAZ İ. Ö. , Brinkhuis H., Speijer R. P.

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● **Review: Short-term sea-level changes in a greenhouse world - A view from the Cretaceous**

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PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY, vol.441, pp.393-411, 2016 (Journal Indexed in SCI)

● **The 9th International Symposium on the Cretaceous System, held on 1-5 September 2013 in Ankara, Turkey**

YILMAZ İ. Ö. , Wagreich M., Weissert H.

CRETACEOUS RESEARCH, vol.56, pp.689-690, 2015 (Journal Indexed in SCI)

● **An approach to paleoclimatic conditions for Devonian (upper Lochkovian and middle Givetian) ironstone formation, NW Anatolian carbonate platform**

YILMAZ İ. Ö. , GÖNCÜOĞLU M. C. , Demiray D. G. , Gedik İ.

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● **Clay mineralogy, chemistry, and diagenesis of Late Devonian K-bentonite occurrences in northwestern Turkey**

GÜNAL TÜRKMENOĞLU A., BOZKAYA Ö., GÖNCÜOĞLU M. C. , Unluce O., YILMAZ İ. Ö. , OKUYUCU C.

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● **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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● **Early to Mid Holocene Lake level and temperature records from the terraces of Lake Sünnet in NW Turkey**

OCAKOĞLU F., Kir O., YILMAZ İ. Ö. , TUNOĞLU C., sanem a., celal e., suzan İ.

Palaeogeography, Palaeoclimatology, Palaeoecology, vol.369, pp.175-184, 2013 (Journal Indexed in SCI Expanded)

● **Early to Mid-Holocene Lake level and temperature records from the terraces of Lake Sunnet in NW Turkey**

OCAKOĞLU F., Kir O., YILMAZ İ. Ö. , Acikalin S., Erayik C., TUNOĞLU C., Leroy S. A. G.

PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY, vol.369, pp.175-184, 2013 (Journal Indexed in SCI)

● **The first record of the "Mid-Barremian" Oceanic Anoxic Event and the Late Hauterivian platform drowning of the Bilecik platform, Sakarya Zone, western Turkey**

YILMAZ İ. Ö., ALTINER D., TEKİN U. K., OCAKOĞLU F.

CRETACEOUS RESEARCH, vol.38, pp.16-39, 2012 (Journal Indexed in SCI)

● **Stratigraphic transition and palaeoenvironmental changes from the Aptian oceanic anoxic event 1a (OAE1a) to the oceanic red bed 1 (ORB1) in the Yenicesihlar section, central Turkey**

Hu X, Zhao K, YILMAZ İ. Ö., Li Y.

● CRETACEOUS RESEARCH, vol.38, pp.40-51, 2012 (Journal Indexed in SCI)

● **Evidence of orbital forcing in lake-level fluctuations in the Middle Eocene oil shale-bearing lacustrine successions in the Mudurnu-Goynuk Basin, NW Anatolia (Turkey)**

OCAKOĞLU F., Acikalin S., YILMAZ İ. Ö., ŞAFAK Ü., GÖKÇEOĞLU C.

● JOURNAL OF ASIAN EARTH SCIENCES, vol.56, pp.54-71, 2012 (Journal Indexed in SCI)

● **Marine rapid environmental climatic change in the Cretaceous greenhouse world**

YILMAZ İ. Ö., Xiumian H., Michael W.

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● **Evidence of orbital forcing in lake level fluctuations in the Middle Eocene oilshale bearing lacustrine successions in the Mudurnu Göynük Basin NW Anatolia Turkey**

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● Journal of Asian Earth Sciences, vol.56, pp.54-71, 2012 (Journal Indexed in SCI Expanded)

● **The Unaz Formation: A Key Unit in the Western Black Sea Region, N Turkey**

Tuysuz O, YILMAZ İ. Ö., Svabenicka L., Kirici S.

● TURKISH JOURNAL OF EARTH SCIENCES, vol.21, pp.1009-1028, 2012 (Journal Indexed in SCI)

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YILMAZ İ. Ö., TÜYSÜZ O., Lilian S., Sabri K.

● TURKISH JOURNAL OF EARTH SCIENCES, vol.21, pp.1009-1028, 2012 (Journal Indexed in SCI Expanded)

● **Foraminiferal biostratigraphy and sequence stratigraphy across the mid-Carboniferous boundary in the Central Taurides, Turkey**

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● FACIES, vol.57, pp.705-730, 2011 (Journal Indexed in SCI)

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● **Cenomanian - Turonian Oceanic Anoxic Event (OAE2) in the Sakarya Zone, northwestern Turkey: Sedimentological, cyclostratigraphic, and geochemical records**

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● **Stratigraphy and Larger Foraminifera of the Eocene Shallow marine and Olistostromal Units of the Southern Part of the Thrace Basin NW Turkey**

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● **First results on determination of cosmogenic Cl-36 in limestone from the Yenicekale Complex in the Hittite capital of Hattusha (Turkey)**

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● **Cretaceous pelagic red beds and black shales (Aptian-Santonian), NW Turkey: Global oceanic anoxic and oxic events**

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● **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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● **Cyclostratigraphy and sequence boundaries of inner platform mixed carbonate-siliciclastic successions (Barremian-Aptian) (Zonguldak, NW Turkey)**

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ÖZYURT M., KIRMACI M. Z., YILMAZ İ. Ö., KANDEMİR R.
in: Patterns and Mechanisms of Climate, Paleoclimate and Paleoenvironmental Changes from Low-Latitude Regions, Zhihua Zhang • Nabil Khélifi Abdelkader Mezghani Essam Heggy, Editor, Springer, Cham, pp.19-22, 2019
- **Sedimentological and Palaeontological Approach for the Provenance of Hittite Stone Wall Blocks from Yenice Kale Outcrop at Boğazköy, Turkey**
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Refereed Congress / Symposium Publications in Proceedings

- **Carbon-isotope stratigraphy of the Cenomanian-Turonian carbonate succession of the Türkoğlu section (SE Turkey): implications for the timing of Late Cretaceous sea-level rise and anoxic event**
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- **Faunal affinities of the Late Cretaceous 'aphroдиниid' venerid bivalve assemblages and dispersal pathways around Tethyan margins.**
Hoşgör İ., YILMAZ İ. Ö., ÖZER S., Mülayim O., SARI B., TASLI K.
34th IAS International Meeting of Sedimentology, Rome, Italy, Roma, Italy, 10 - 13 September 2019, pp.492
- **Development of pelagic phase after drowned Arabian platform, SE Turkey**
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