

Eng. Fethiye İpek BARUT

Personal Information

Office Phone: [+90 212 440 0000](tel:+902124400000) Extension: 26035

Fax Phone: [+90 212 526 8433](tel:+902125268433)

Email: barutif@istanbul.edu.tr

Web: <http://aves.istanbul.edu.tr/barutif/>

Address: İstanbul Üniversitesi Deniz Bilimleri ve İşletmeciliği Enstitüsü 34134 Vefa/Fatih

Education Information

Doctorate, Istanbul University, Institute of Graduate Studies In Sciences, Uygulamalı Jeoloji Programı, Turkey 1994 - 2001

Postgraduate, Istanbul University, Institute of Graduate Studies In Sciences, Uygulamalı Jeoloji Programı, Turkey 1991 - 1993

Postgraduate, Istanbul University, Deniz Bilimleri Ve Coğrafya Enstitüsü, Deniz Jeolojisi Ve Jeofiziği Programı, Turkey 1987 - 1990

Postgraduate, Istanbul University, Institute of Social Sciences, Organizasyon Ve İşletme Politikaları Programı, Turkey 1987 - 1989

Undergraduate, Istanbul University, Mühendislik Fakültesi, Jeofizik Mühendisliği Bölümü, Turkey 1981 - 1985

Certificates, Courses and Trainings

Education Management and Planning, Radiation Protection and Safety Courses" /"Clean Environment and Clean Energy Seminar", Academia Cordoba, European Union LdV Lifelong Learning Programme,, 2013

Education Management and Planning, 2th International Course on Benthic Foraminifera, Università degli Studi di Urbino "Carlo Bo", Istituto di Geologia,, 2009

Dissertations

Doctorate, Milas (Muğla)-Ekinambarı ve Savran Tuzlu Kaynaklarının Hidrokimyasal Araştırması, Istanbul University, Institute of Graduate Studies In Sciences, Uygulamalı Jeoloji Programı, 2001

Postgraduate, İstanbul Tuzla İçmelerinin Hidrojeoloji İncelemesi, Istanbul University, Institute of Graduate Studies In Sciences, Uygulamalı Jeoloji Programı, 1993

Postgraduate, Ege Denizi Kabuk Yapısına Talwani Yöntemiyle Bir Yaklaşım, Istanbul University, Deniz Bilimleri Ve Coğrafya Enstitüsü , Deniz Jeolojisi Ve Jeofiziği Programı, 1990

Postgraduate, Dünyada ve Türkiye'de Deniz İşletmeciliği ve Organizasyon Yapıları, Istanbul University, Institute of Social Sciences, Organizasyon Ve İşletme Politikaları Programı, 1989

Research Areas

Marine Sciences and Technology, Oceanography, Chemical Oceanography, Sea pollution, Geological Engineering, General Geology, Marine Geology and Geophysics, Ore Deposits-Geochemistry, Geochemistry (Organic and Inorganic, Theoretical Geochemistry, Applied Geology, Environmental Geology and Geophysics, Hydrogeology and Hidrology, Engineering and Technology

Academic Titles / Tasks

Medical Doctor, Istanbul University, Deniz Bilimleri ve İşletmeciliği Enstitüsü, Kimyasal Oşinografi, 2002 - Continues
Expert, Istanbul University, Istanbul Medical Faculty, Division of Medical Sciences , 1990 - 2002

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Contribution of natural and anthropogenic effects in the Iznik Lake bottom sediment: Geochemical and microfauna assemblages evidence**
Barut I. F., ERGİN M., Meric E., AVŞAR N., NAZİK A., Suner F.
Quaternary International, vol.486, pp.129-142, 2018 (SCI-Expanded)
- II. **A multi disciplinary overview of factors controlling on meiofauna assemblages around Maden and Alibey islands in Ayvalik (Balıkesir, Eastern Aegean Sea)**
Meric E., Avşar N., Nazik A., Yokeş B., Barut I. F., Suner F., Sarı E., Eryılmaz M., Yucesoy-Eryılmaz F., Dora O., et al.
JOURNAL OF AFRICAN EARTH SCIENCES, vol.129, pp.558-578, 2017 (SCI-Expanded)
- III. **DETERMINATION OF DİL STREAM CONTAMINATION BY BENTHIC FORAMINIFERA AND MOLLUSCS IN BAYRAMOĞLU COASTS (TUZLA-İSTANBUL, TURKEY)**
Yumun Z. U., MERIC E., Barut I. F., NAZİK A., AVŞAR N., Yokes B., Eryılmaz M., SONUVAR B., Dincer F., Kaya S.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.5, pp.3325-3339, 2017 (SCI-Expanded)
- IV. **Meiofauna, microflora and geochemical properties of the late quaternary (Holocene) core sediments in the Gulf of Izmir (Eastern Aegean Sea, Turkey)**
Yumun Z. U., MERIC E., AVŞAR N., NAZİK A., Barut I. F., Yokes B., SAGULAR E. K., Yildiz A., Eryılmaz M., KAM E., et al.
JOURNAL OF AFRICAN EARTH SCIENCES, vol.124, pp.383-408, 2016 (SCI-Expanded)
- V. **Assessment of recent and chalcolithic period environmental pollution using *Mytilus galloprovincialis* Lamarck, 1819 from Yarımburgaz Cave, the northern Marmara Sea and Bosphorus coasts**
Barut I. F., MERIC E., Yokes M. B.
OCEANOLOGIA, vol.58, no.2, pp.135-149, 2016 (SCI-Expanded)
- VI. **Distribution of Microflora, Meiofauna, and Macrofauna Assemblages in the Hypersaline Environment of Northeastern Aegean Sea Coasts**
BASSLER-VEİT B., Barut I. F., MERIC E., AVŞAR N., NAZİK A., Kapan-Yesilyurt S., Yildiz A.
JOURNAL OF COASTAL RESEARCH, vol.29, no.4, pp.883-898, 2013 (SCI-Expanded)
- VII. **ASSESSMENT OF NATURAL RADIOACTIVITY CONCENTRATIONS AND GAMMA DOSE RATE LEVELS IN KAYSERİ, TURKEY**
Otansev P., Karahan G., Kam E., Barut I., Taşkın H.
RADIATION PROTECTION DOSIMETRY, vol.148, no.2, pp.227-236, 2012 (SCI-Expanded)
- VIII. **Foreseeable impacts of sea level rise on the southern coast of the Marmara Sea (Turkey)**
Gazioglu C., Burak S., Alpar B., Turker A., Barut I. F.
Water Policy, vol.12, no.6, pp.932-943, 2010 (SCI-Expanded)
- IX. **The response of benthic foraminifer, ostracod and mollusc assemblages to environmental conditions: a case study from the Camalti Saltpan (Izmir-Western Turkey)**
MERIC E., AVŞAR N., Nazik A., Barut I. F., Bergin F., Balkis N., Oncel M. S., Kapan-Yesilyurt S.
MEDITERRANEAN MARINE SCIENCE, vol.11, no.1, pp.5-32, 2010 (SCI-Expanded)
- X. **Mineralogical and geochemical features of colored benthic foraminifers from Aegean and southwestern coasts of Turkey**
YALÇIN H., MERIC E., AVŞAR N., Tetiker S., Barut I. F., YILMAZ Ş., Dinçer F.
Micropaleontology, vol.54, pp.351-370, 2008 (SCI-Expanded)
- XI. **Morphological abnormalities in benthic foraminifers of the Antalya coast**
Meric E., AVŞAR N., Yokes M. B., Tugrul A. B., Bayari S., Ozyurt N., Barut I. F., Balkis N., UYSAL K., KAM E.
MICROPALAEONTOLOGY, vol.54, pp.241-276, 2008 (SCI-Expanded)
- XII. **Anthropogenic pollution in sediments from the Gulf of Gemlik (Marmara Sea, Turkey); cause-result**

relationship

Unlu S., Alpar B., Aydın S., Akbulak C., Balkis N., Barut I., Meriç E., Aksu A., Kirbaşoğlu C.
Fresenius Environmental Bulletin, vol.15, no.12 A, pp.1521-1530, 2006 (SCI-Expanded)

XIII. **The response of benthic foraminifera and ostracoda to heavy metal pollution in Gulf of Izmir (Eastern Aegean Sea)**

Bergin F., Kucuksezgin F., Uluturhan E., Barut I., Meric E., Avsar N., Nazik A.
Estuarine, Coastal and Shelf Science, vol.66, no.3-4, pp.368-386, 2006 (SCI-Expanded)

XIV. **Hydrogeochemical evaluation of Western Anatolian mineral waters**

Barut I., ERDOĞAN N., BASAK E.
Environmental Geology, vol.45, no.4, pp.494-503, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **Evaluation of radioactive properties and microfaunal evidence in the Bosphorus and the Dardanelles straits and Golden Horn sediments**
BARUT F. İ., Engin M., Atike N., Eryilmaz M., DiNçer F., Kam E.
Bulletin of the Mineral Research and Exploration, vol.173, pp.203-233, 2024 (ESCI)
- II. **Ecology of benthic foraminifera of the eastern Aegean Sea coasts**
Meriç E., Avşar N., Yokeş M. B., Barut F. İ., DiNçer F., Bircan C., Kam E.
International Journal of Environment and Geoinformatics, vol.7, no.1, pp.6-22, 2020 (Peer-Reviewed Journal)
- III. **The effects of submarine springs on meiobenthic assemblages (benthic foraminifers, ostracods and molluscs) on the coasts of Aliaga (Izmir)**
Meriç E., NAZİK A., Yokes M. B., Barut I. F., Kumral M., ERYILMAZ M., YÜCESOY ERYILMAZ F., GÜNDOĞAN İ., Sonuvar B., DİNÇER F.
TURKIYE JEOLoji BULTENI-GEOLOGICAL BULLETIN OF TURKEY, vol.61, no.3, pp.269-289, 2018 (ESCI)
- IV. **Variations and Factors Affecting the Benthic Foraminifer Assemblages Around the Submarine Springs Which are Known/Suggested to Be Present on the Eastern Aegean Coasts of Turkey Doğu Ege Denizi Türkiye Kiyılarında Varlığı Bilinen veya Düşünülen Deniz İçi Termal Çiktılar Çevresinde Gözlenen Bentik Foraminifer Topluluklarında Belirlenen Değişimler ve Etkenler**
Meriç E., Barut İ. F., Bakı Yokeş M., Eryilmaz M., Yücesoy-Eryilmaz F., DiNçer F.
Yerbilimleri/ Earth Sciences, vol.39, no.3, pp.207-220, 2018 (Scopus)
- V. **The effect of submarine thermal springs of Doğanbey Cape (Seferihisar - İzmir) on foraminifer, ostracod and mollusc assemblages Doğanbey Burnu (Seferihisar-İzmir) denizdibi termalsu kaynaklarının foraminifer, ostrakod ve mollusk topluluğuna etkisi**
Meriç E., Barut I. F., NAZİK A., AVŞAR N., Yokes M. B., ERYILMAZ M., YÜCESOY ERYILMAZ F., KAM E., Sonuvar B., DİNÇER F.
Bulletin of the Mineral Research and Exploration, no.156, pp.87-118, 2018 (Scopus)
- VI. **Different Test Forms and Numerous Apertures of Cibicides variabilis (d'Orbigny) from The Turkish Coast of Eastern Aegean Sea**
Meriç E., Avşar N., Yokeş M., Şaroğlu F., Ölmez E., Barut F. İ.
International Journal of Environment and Geoinformatics, vol.4, no.2, pp.139-156, 2017 (Peer-Reviewed Journal)
- VII. **Determination by Landsat satellite imagery to local scales in land and pollution monitoring: A case of Büyük Melen watershed (Turkey)**
Barut I. F., KESKIN CITIROGLU H., Oruc M., Marangoz A. M.
Journal of Sustainable Development of Energy, Water and Environment Systems, vol.3, no.4, pp.389-404, 2015 (ESCI)
- VIII. **Ostracoda as bioindicators of anthropogenic impact in salt lakes, salt pans, and a lagoon: A case study from the Gulf of Saros coast (NE Aegean Sea), Turkey Les ostracodes, bio-indicateurs de l'impact anthropique dans les lacs salés, salines et lagunes : une étude de cas des côtes du Golfe de Saros (NE de la mer Egée), Turquie**

Barut I. F., NAZİK A., Balkıs N., AKSU A., ERSAN M. S.

Revue de Micropaleontologie, vol.58, no.4, pp.351-367, 2015 (Scopus)

- IX. **Origin of groundwater salinity and hydrogeochemical processes in a confined coastal karst aquifer: A cause of the Mandalia Bay (southeastern Aegean Sea coasts)**
Barut F. İ.
International Journal of Environment and Geoinformatics, vol.2, no.1, pp.25-46, 2015 (Peer-Reviewed Journal)
- X. **Opinions and comments on the benthic foraminiferal assemblage observed around the mineral submarine spring in Kusadası (Aydın, Turkey)**
Meriç E., Avşar N., Yokeş M., Barut İ., Taş S., Eryılmaz M., Dinçer F.
Marine Biodiversity Records, vol.7, pp.1-17, 2014 (Scopus)
- XI. **The importance of benthic foraminiferas in detecting features of ecological and geological structures in Edremit Bay and on coastal areas of Dikili Channel (NE Aegean Sea)**
MERİC E., AVŞAR N., BARUT I. F., ERYILMAZ M., YÜCESOY-ERYILMAZ F., YOKEŞ M. B., DİNÇER F.
Bulletin of the Mineral Research and Exploration, vol.148, pp.63-68, 2014 (ESCI)
- XII. **The expanded population of Amphistegina lobifera at Üç Adalar and Beş Adalar (Antalya, Turkey)**
Yokes M. B., Meriç E., AVŞAR N., Öncel M. S., Eryılmaz M., Barut I.
Marine Biodiversity Records, vol.7, 2014 (Scopus)
- XIII. **Yenikapı (Güney İstanbul) Eski Kıyılarında 5-12 yüzyıllar arasındaki Çevre Kirliliğinin Bentik Foraminiferlerle Belirlenmesi**
Meriç E., Perinçek P. D. D., Avşar N., Nazik P. D. A., Eryılmaz F. Y., BARUT F. İ., Dinçer F., DEMİR V.
Türkiye Petrol Jeologları Derneği Bülteni, no.21, pp.1-21, 2009 (Peer-Reviewed Journal)

Books & Book Chapters

I. **THE SCIENCE EDUCATION AT THE BEGINNING OF THE 21 ST CENTURY IN TURKEY**

Otansev P., Kam E., Karahan G., Barut F. İ.

St. Kliment Ohridski University Press, Sofija, 2013

II. **VII. SCIENCES AND TECHNOLOGY**

Otansev P., Kam E., Karahan G., Barut F. İ.

in: THE SCIENCE AND EDUCATION AT THE BEGINNING OF THE 21ST CENTURY IN TURKEY VOLUME: 2, Edited by Efe,R,Mazbaev,O,Kostova,Z,Sam,N,Çalışkan,V,Atasoy E., Editor, St. Kliment Ohridski University Press Sofia, Sofija, pp.1222-1231, 2013

Refereed Congress / Symposium Publications in Proceedings

I. **Evaluation of Using to Effect by Change of Hydrochemical Characteristics of Thermal Mineral Spring Waters at the Historical Process: A Case of the Marmara Region (Part of NW Turkey)**

Barut F. İ.

International Proceedings of Chemical, Biological and Environmental Engineering, Sydney, Australia, 26 - 28 November 2016, vol.99, pp.35-43

II. **Distribution of gamma-radiation levels in core sediment samples in Gulf of İzmir (Eastern Aegean Sea-Turkey).**

Kurt D., Barut F. İ., Yümün Z. Ü., Kam E.

WASET/ ICMES 2016 18th International Conference on Marine and Environmental Systems Conference, İstanbul, Turkey, 19 - 20 April 2016, vol.10, pp.375-379

III. **The relationship between distribution of benthic foraminiferal assemblages and geochemical properties in the Iznik Lake (Turkey) bottom sediment.**

Barut F. İ., Ergin M., Meriç E., Avşar N., Öztürk K.

35th International Geological Congress 2016, Sydney, Australia, 27 August - 04 September 2016, vol.28, no.5,

pp.64-65

IV. Assessment of impact of geochemical and environmental properties on the meiofauna (benthic foraminifer, ostracod, mollusc) assemblages: A case study in The Late Quaternary Sediments In The Gulf Of Izmir (Eastern Aegean Sea)

Yümün Z. Ü., Barut F. İ., Meriç E., Avşar N., Nazik A., Yokeş M. B., Eryılmaz M., Kam E., Sonuvar B., Dinçer F.

EGU General Assembly 2016 (EGU2016-6436ECS) , Vienna, Austria, 17 - 22 April 2016, vol.18, pp.1-2

Supported Projects

BARUT F. İ., Project Supported by Higher Education Institutions, Statistical distribution of benthic foraminifera in the Eastern Aegean Sea gulfs and bays, 2011 - 2015

BARUT F. İ., Project Supported by Higher Education Institutions, Origin of salinity within salt affected groundwater aquifers in southeastern Aegean Sea coasts: A cause of the Mandalia Bay, 2014 - 2014

BARUT F. İ., Project Supported by Higher Education Institutions, Effects Of Oceanographic Properties To The Meiofauna Assemblages : The North Coasts Of Karaburun Peninsula (Eastern Aegean Sea), 2013 - 2013

BARUT F. İ., Project Supported by Higher Education Institutions, The response of benthic foraminifera and ostracoda to heavymetal pollution in Gulf of Izmir (Eastern Aegean Sea), 2012 - 2012

BARUT F. İ., Project Supported by Higher Education Institutions, ÇAMALTI TUZLASI (İZMİR-B TÜRKİYE) FORAMİNİFER TOPLULUĞUNDA GÖZLENEN İKİZ-ÜÇÜZ OLUŞUMLARDA ÇEVRESEL KOŞULLAR, 2011 - 2012

BARUT F. İ., Project Supported by Higher Education Institutions, GB ANTALYA KIYI ALANINDA GÖZLENEN BENTİK FORAMİNİFERLERDEKİ MORFOLOJİK DEĞİŞİMLERDE ÇEVRESEL KOŞULLARIN ETKİSİ, 2009 - 2010

BARUT F. İ., Project Supported by Higher Education Institutions, Assessment of Environmental Pollution in Recent and Calcolithic Age Comparing Mytilus galloprovincialis Lamarck, 1819 From Yarımburgaz Cave, Northern Marmara Sea and Bosphorus coasts, 2009 - 2009

BARUT F. İ., Project Supported by Higher Education Institutions, Statistical evaluation of benthic foraminifera and ostracoda to heavy metal pollution in Gulf of Izmir (Eastern Aegean Sea), 2007 - 2009

Memberships / Tasks in Scientific Organizations

Coastal Education and Research Foundation (CERF), Member, 2013 - Continues

Scientific Refereeing

Quaternary International, SCI Journal, December 2017

Journal of Geochemical Exploration, SCI Journal, July 2017

Journal Coastal Research, SCI Journal, February 2017

Environmental Geochemistry and Health, SCI Journal, February 2017

Journal of Sustainable Development of Energy, Water and Environment Systems - JSDEWES; Other Indexed Journal, January 2017

Oceanologia, SCI Journal, August 2016

Environmental Geochemistry and Health, SCI Journal, March 2015

Hydrological Sciences Journal, SCI Journal, January 2014

Environmental Monitoring and Assessment, SCI Journal, March 2013

Science of the Total Environment, SCI Journal, December 2012

Journal of Coastal Research, SCI Journal, October 2012

Journal of Coastal Research, SCI Journal, June 2012

Environmental Monitoring and Assessment, SCI Journal, August 2011

International Journals of the Physical Sciences. , Other Indexed Journal, December 2010

Metrics

Publication: 33

Citation (WoS): 186

Citation (Scopus): 205

H-Index (WoS): 6

H-Index (Scopus): 7