

Prof. ADEM AKPINAR

Personal Information

Office Phone: [+90 224 294 2625](tel:+902242942625)

Fax Phone: [+90 224 294 1903](tel:+902242941903)

Email: ademakpinar@uludag.edu.tr

Web: <https://ademakpinar.com/>

International Researcher IDs

ScholarID: eoZFcgUAAAAJ

ORCID: 0000-0002-9042-6851

Publons / Web Of Science ResearcherID: AAC-6763-2019

ScopusID: 23026855400

Yoksis Researcher ID: 122811

Biography

10 Mayıs 1982 yılında Trabzon İli Yomra İlçesinde dünyaya gelmiştir. Sırasıyla Yomra İlköğretim Okulu, Yomra Ortaokulu ve Yomra Lisesi'nde eğitim ve öğretimini tamamladıktan sonra 2000 yılında girdiği ÖSS sınavında başarılı olarak, Karadeniz Teknik Üniversitesi (KTÜ), Mühendislik Mimarlık Fakültesi, İnşaat Mühendisliği Bölümü'nü kazanmıştır. Lisans öğrenimini 2004 yılında İnşaat Mühendisi olarak, Yüksek Lisans öğrenimini 2007 yılında İnşaat Yüksek Mühendisi olarak ve Doktora öğrenimini 2012 yılında Doktor Mühendis olarak KTÜ İnşaat Mühendisliği Anabilim dalında tamamlamıştır.

2004-2006 yılları arasında KTÜ, İnşaat Mühendisliği Bölümü Hidrolik Laboratuvarı'nda çeşitli projelerde araştırmacı olarak, 2006-2009 yılları arasında KTÜ TEKNOKENT İnşaatında Şantiye Şefi olarak görev yapmıştır. Ocak 2009'da, Gümüşhane Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü'ne Öğretim Görevlisi unvanıyla öğretim elemanı olarak, Mart 2012'de, Gümüşhane Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü'ne Yrd. Doç. Dr. unvanıyla öğretim üyesi olarak atanmıştır.

Şubat 2013 ile Ekim 2013 tarihleri arasında 40/b maddesi ile Ardahan Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü'ne geçici süre ile görevlendirilmiştir. Kasım 2013'te Uludağ Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü'ne Yrd. Doç. Dr. unvanıyla öğretim üyesi olarak atanmıştır. Ocak 2014 tarihi itibari ile girdiği Doçentlik sınavında başarılı olarak Doç. Dr. unvanını almıştır. Temmuz 2014'te Uludağ Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü'ne Doç. Dr. unvanıyla öğretim üyesi olarak atanmıştır. Şubat 2014 - Ekim 2016 tarihleri arasında Uludağ Üniversitesi Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü'nde Bölüm Başkan Yardımcısı ve Mart 2018 - Mayıs 2019 tarihleri arasında Uludağ Üniversitesi Fen Bilimleri Enstitüsü Müdür Yardımcısı olarak görev yapmıştır. Mayıs 2019 tarihinden itibaren Uludağ Üniversitesi Mühendislik Fakültesi Dekan Yardımcısı olarak görev yapmaktadır. Ocak 2020'de Uludağ Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü'ne Prof. Dr. unvanıyla öğretim üyesi olarak atanmıştır. 2012 yılında Çiğdem ENSAROĞLU ile hayatını birleştiren Adem AKPINAR, halen Uludağ Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü'nde Prof. Dr. unvanıyla öğretim üyesi olarak görev yapmaktadır.

Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (Dr), Turkey 2007 - 2012

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (YI) (Tezli), Turkey 2004 -

2007

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Turkey 2000 - 2004

Dissertations

Doctorate, Karadeniz'de Dalga Modellemesi ve Dalga Gücü Potansiyelinin Belirlenmesi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (Dr), 2012

Postgraduate, Dünya, Avrupa Birliği ve Türkiye'nin Toplam Elektrik ve Hidroelektrik Enerji Üretim Projeksiyonu, Karadeniz Technical University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (YI) (Tezli), 2007

Research Areas

Atmospheric Sciences and Meteorological Engineering, Hydrology-Hydrometeorology, Climate Change and Climate Modeling, Civil Engineering, Hydraulic, Coastal Sedimentation, Coastal Zone Management, Design of Coastal Structures, Coastal Engineering, Engineering and Technology

Academic Titles / Tasks

Professor, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, İNŞAAT MÜHENDİSLİĞİ, 2020 - Continues

Associate Professor, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, İNŞAAT MÜHENDİSLİĞİ, 2014 - 2020

Assistant Professor, Gumushane University, Faculty Of Engineering And Natural Sciences, Department Of Civil Engineering, 2012 - 2013

Lecturer, Gumushane University, Faculty Of Engineering And Natural Sciences, Department Of Civil Engineering, 2009 - 2011

Academic and Administrative Experience

Dean, Bursa Uludağ University, Mühendislik Fakültesi, 2023 - Continues

Vice Dean, Bursa Uludağ University, Mühendislik Fakültesi, 2019 - 2023

Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, 2018 - 2019

Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, İnşaat Mühendisliği Bölümü, 2014 - 2016

Courses

DENEYSEL TASARIM, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

İstatistik, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

KIYI HİDRODİNAMİĞİ, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

KIYI VE LİMAN YAPILARININ TASARIMI, Postgraduate, 2022 - 2023, 2021 - 2022

HİDROLOJİ, Undergraduate, 2022 - 2023, 2021 - 2022

BİTİRME TEZİ, Undergraduate, 2022 - 2023, 2021 - 2022

RÜZGAR / DALGA İKLİMİ VE İSTATİSTİĞİ, Doctorate, 2020 - 2021, 2019 - 2020

KIYI HİDRODİNAMİĞİ, Postgraduate, 2020 - 2021

İNŞAAT MÜHENDİSLİĞİNDE ARAŞTIRMA TEKNİKLERİ VE YAYIN ETİĞİ, Postgraduate, 2018 - 2019

HİDROLOJİDE İSTATİSTİK YÖNTEMLER, Doctorate, 2018 - 2019, 2016 - 2017

SU KAYNAKLI ENERJİ ÜRETİMİ, Postgraduate, 2018 - 2019, 2017 - 2018

KIYI VE LİMAN YAPILARI, Undergraduate, 2017 - 2018, 2016 - 2017

SU KAYNAKLARI MÜHENDİSLİĞİ, Undergraduate, 2018 - 2019, 2017 - 2018

AKIŞKANLAR MEKANİĞİ, Undergraduate, 2018 - 2019
SU KAYNAKLI ENERJİ ÜRETİMİ, Postgraduate, 2017 - 2018

Advising Theses

Akpınar A., Baraj inşaatı süresince mansap etkilerinin incelenmesi: Büyükkumla barajı örneği, Doctorate, M.CAN(Student), 2022
Akpınar A., İklim değişikliğinin dalga parametreleri üzerine etkisi, Doctorate, R.EMRE(Student), 2022
Akpınar A., Sakarya ili Karasu ilçesi kıyı yapılarının kıyı çizgisine etkisinin CoastSat uygulamasıyla incelenmesi, Postgraduate, M.KILIÇ(Student), 2022
Akpınar A., Energy production from existing and scaled wave energy converters in the south-western black sea, Postgraduate, A.GUL(Student), 2020
AKPINAR A., Wave climatology and development of a wave hindcast model with the nested grid system for the south western coasts of the Black Sea, Postgraduate, B.BİNGÖLBALİ(Student), 2018
Akpınar A., Long-term temporal and spatial analysis of wave energy content for high-potential areas in the Black sea, Postgraduate, H.JAFALI(Student), 2018
AKPINAR A., Long-term spatial differences in the model results and performances of SWAN models forced with the CFSR and ERA interim winds in the Sea of Marmara, Postgraduate, V.KUTUPOĞLU(Student), 2017
AKPINAR A., Comparative analysis of wind data sources in the Black Sea, Postgraduate, R.EMRE(Student), 2015

Jury Memberships

Doctorate, Doctorate, Erzurum Teknik Üniversitesi, September, 2023
Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, September, 2022
Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, September, 2022
Doctorate, Doctorate, İstanbul Teknik Üniversitesi, September, 2022
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Karabük Üniversitesi, November, 2020
Doctoral Examination, Doctoral Examination, Sakarya Üniversitesi, November, 2020
Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, September, 2020
Doctorate, Doctorate, Année Universitaire, July, 2019
Post Graduate, Post Graduate, Sakarya Üniversitesi, June, 2019
Doctoral Examination, Doctoral Examination, Sakarya Üniversitesi, April, 2019
Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, December, 2018
Doctoral Examination, Doctoral Examination, Boğaziçi Üniversitesi, December, 2018
Doctoral Examination, Doctoral Examination, Sakarya Üniversitesi, October, 2018
Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, July, 2018
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi, February, 2018
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi, February, 2018
Doctoral Examination, Doctoral Examination, Bursa Uludağ Üniversitesi, December, 2017
Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, December, 2017
Doctoral Examination, Doctoral Examination, Bursa Uludağ Üniversitesi, December, 2017
Doctoral Examination, Doctoral Examination, Sakarya Üniversitesi, November, 2017
Doctorate, Doctorate, İstanbul Teknik Üniversitesi, July, 2017
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi, July, 2017
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Teknik Üniversitesi,

April, 2017

Post Graduate, Post Graduate, Sakarya Üniversitesi, June, 2016

Doctoral Examination, Doctoral Examination, Sakarya Üniversitesi, April, 2016

Post Graduate, Post Graduate, İstanbul Üniversitesi, July, 2015

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, July, 2015

Doctoral Examination, Doctoral Examination, Sakarya Üniversitesi, April, 2014

Post Graduate, Post Graduate, Sakarya Üniversitesi, April, 2013

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Wind-Sea and Swell Climate in the Black and Azov Seas, Based on 42-Year Spectral Wave Hindcast**
AMAROUCHE K., AKPINAR A.
Applied Ocean Research, vol.151, 2024 (SCI-Expanded)
- II. **Characterisation of wave storms events and their long-term variability off the key ports and shipping routes in the Black Sea**
AMAROUCHE K., AKPINAR A., Acar E.
Ocean Engineering, vol.297, 2024 (SCI-Expanded)
- III. **Long-term characterisation of directional wave spectra in the Black Sea and the Sea of Azov**
Amarouche K., Akpınar A.
APPLIED OCEAN RESEARCH, vol.141, 2023 (SCI-Expanded)
- IV. **On the assessment of the wave modeling uncertainty in wave climate projections**
Lobeto H., Semedo A., Menendez M., Lemos G., Kumar R., AKPINAR A., Dobrynin M., Kamranzad B.
ENVIRONMENTAL RESEARCH LETTERS, vol.18, no.12, 2023 (SCI-Expanded)
- V. **Regional wave climate projections forced by EURO-CORDEX winds for the Black Sea and Sea of Azov towards the end of the 21st century**
ÇAKMAK R. E., Çalışır E., Lemos G., AKPINAR A., Semedo A., Cardoso R. M., Soares P. M. M.
International Journal of Climatology, vol.43, no.13, pp.5927-5950, 2023 (SCI-Expanded)
- VI. **Global extreme wave estimates and their sensitivity to the analysed data period and data sources**
AMAROUCHE K., AKPINAR A., Kamranzad B., Khames G.
Marine Structures, vol.92, 2023 (SCI-Expanded)
- VII. **Monitoring Sediment Transport in Certain Harbor Launches in the Southeastern Black Sea**
Karasu S., MARANGOZ H. O., Kocapir B. H., YILMAZ E., Özölçer İ. H., AKPINAR A.
Water (Switzerland), vol.15, no.21, 2023 (SCI-Expanded)
- VIII. **Performance based assessment of a small-scale artificially nourished beach**
Karasu S., MARANGOZ H. O., Gülkaya E., AKPINAR A., CEYLAN Y., YILMAZ E.
Ocean and Coastal Management, vol.244, 2023 (SCI-Expanded)
- IX. **Uncertainties in wave-driven longshore sediment transport projections presented by a dynamic CMIP6-based ensemble**
Zarifsanayei A. R., Antolinez J. A. A., Cartwright N., Etemad-Shahidi A., Strauss D., Lemos G., Semedo A., Kumar R., Dobrynin M., AKPINAR A.
FRONTIERS IN MARINE SCIENCE, vol.10, 2023 (SCI-Expanded)
- X. **Characterization and classification of wave storm events and wave climate on the Sea of Marmara**
Kutupoğlu V., Çalışır E., AKPINAR A.
Ocean Engineering, vol.279, 2023 (SCI-Expanded)
- XI. **Wave Power Trends over the Mediterranean Sea Based on Innovative Methods and 60-Year ERA5 Reanalysis**
Acar E., Akpınar A., Kankal M., Amarouche K.
SUSTAINABILITY, vol.15, pp.1-18, 2023 (SCI-Expanded)
- XII. **Assessment of SWAN and WAVEWATCH-III models regarding the directional wave spectra estimates based on Eastern Black Sea measurements**

- Amarouche K, Akpınar A, Rybalko A, Myslenkov S.
Ocean Engineering, vol.272, 2023 (SCI-Expanded)
- XIII. **Increasing trends in spectral peak energy and period in a semi-closed sea**
Acar E., AKPINAR A., KANKAL M., Amarouche K.
Renewable Energy, vol.205, pp.1092-1104, 2023 (SCI-Expanded)
- XIV. **Editorial: Advances in sea state modeling and climate change impacts**
AKPINAR A., Besio G., Kamranzad B.
Frontiers in Marine Science, vol.10, 2023 (SCI-Expanded)
- XV. **Quality of the ERA5 and CFSR winds and their contribution to wave modelling performance in a semi-closed sea**
Calisir E., Soran M. B., AKPINAR A.
JOURNAL OF OPERATIONAL OCEANOGRAPHY, vol.16, no.2, pp.106-130, 2023 (SCI-Expanded)
- XVI. **Evaluation of the performance of a dynamic wave climate ensemble simulated using with EURO-CORDEX winds in the Black Sea and Sea of Azov**
ÇAKMAK R. E., Calisir E., Lemos G., AKPINAR A., Semedo A., Cardoso R. M., Soares P. M. M.
INTERNATIONAL JOURNAL OF CLIMATOLOGY, vol.42, no.16, pp.8345-8367, 2022 (SCI-Expanded)
- XVII. **Editorial: Offshore wind and wave energy and climate change impacts**
AKPINAR A., Rosa-Santos P. J., Carvalho D.
FRONTIERS IN ENERGY RESEARCH, vol.10, 2022 (SCI-Expanded)
- XVIII. **Spatial calibration of WAVEWATCH III model against satellite observations using different input and dissipation parameterizations in the Black Sea**
Soran M. B., Amarouche K., Akpınar A.
OCEAN ENGINEERING, vol.257, 2022 (SCI-Expanded)
- XIX. **Linking the long-term variability in global wave energy to swell climate and redefining suitable coasts for energy exploitation**
Kamranzad B., Amarouche K., Akpınar A.
SCIENTIFIC REPORTS, vol.12, no.1, 2022 (SCI-Expanded)
- XX. **Trend detection by innovative polygon trend analysis for winds and waves**
Akçay F., BİNGÖLBALİ B., AKPINAR A., KANKAL M.
FRONTIERS IN MARINE SCIENCE, vol.9, 2022 (SCI-Expanded)
- XXI. **Spatio-temporal Changes in Downstream River Bed during a Dam Construction**
Can M., Calisir E., AKPINAR A.
KSCE JOURNAL OF CIVIL ENGINEERING, vol.26, no.5, pp.2160-2173, 2022 (SCI-Expanded)
- XXII. **New wind-wave climate records in the Western Mediterranean Sea**
Amarouche K., Bingölbali B., Akpınar A.
CLIMATE DYNAMICS, vol.58, no.5-6, pp.1899-1922, 2022 (SCI-Expanded)
- XXIII. **Wave storm events in the Western Mediterranean Sea over four decades**
Amarouche K., Akpınar A., Semedo A.
Ocean Modelling, vol.170, 2022 (SCI-Expanded)
- XXIV. **The effects of the dam construction process on downstream river geomorphology**
Can M., Calisir E., AKPINAR A., DOĞAN E.
ARABIAN JOURNAL OF GEOSCIENCES, vol.14, no.20, 2021 (SCI-Expanded)
- XXV. **Inter- and intra-annual wave energy resource assessment in the south-western Black Sea coast**
BİNGÖLBALİ B., Majidi A. G., AKPINAR A.
Renewable Energy, vol.169, pp.809-819, 2021 (SCI-Expanded)
- XXVI. **Downscaling wave energy converters for optimum performance in low-energy seas**
Majidi A., BİNGÖLBALİ B., AKPINAR A., Iglesias G., Jafali H.
Renewable Energy, vol.168, pp.705-722, 2021 (SCI-Expanded)
- XXVII. **Wave power performance of wave energy converters at high-energy areas of a semi-enclosed sea**
Majidi A. G., BİNGÖLBALİ B., AKPINAR A., Rusu E.
Energy, vol.220, 2021 (SCI-Expanded)

- XXVIII. **Spatial characteristics of wind and wave parameters over the Sea of Marmara**
AKPINAR A., Kutupoğlu V., BİNGÖLBALİ B., Çalışır E.
Ocean Engineering, vol.222, 2021 (SCI-Expanded)
- XXIX. **Geo-spatial multi-criteria evaluation of wave energy exploitation in a semi-enclosed sea**
Şan M., AKPINAR A., BİNGÖLBALİ B., KANKAL M.
Energy, vol.214, 2021 (SCI-Expanded)
- XXX. **Assessment of storm events along the Algiers coast and their potential impacts**
Amarouche K., AKPINAR A., ÇAKMAK R. E., Houma F., Bachari N. E. I.
OCEAN ENGINEERING, vol.210, 2020 (SCI-Expanded)
- XXXI. **Wave energy potential and variability for the south west coasts of the Black Sea: The WEB-based wave energy atlas**
Bingölbali B., Jafali H., Akpınar A., Bekiroğlu S.
RENEWABLE ENERGY, vol.154, pp.136-150, 2020 (SCI-Expanded)
- XXXII. **Wave energy resource assessment along the Algerian coast based on 39-year wave hindcast**
Amarouche K., AKPINAR A., Bachari N. E. I., Houma F.
RENEWABLE ENERGY, vol.153, pp.840-860, 2020 (SCI-Expanded)
- XXXIII. **Evaluation of a high-resolution wave hindcast model SWAN for the West Mediterranean basin**
Amarouche K., AKPINAR A., Bachari N. E. I., ÇAKMAK R. E., Houma F.
APPLIED OCEAN RESEARCH, vol.84, pp.225-241, 2019 (SCI-Expanded)
- XXXIV. **Temporal Variation of the Wave Energy Flux in Hotspot Areas of the Black Sea**
Akpınar A., Jafali H., Rusu E.
SUSTAINABILITY, vol.11, 2019 (SCI-Expanded)
- XXXV. **Downscaling of wave climate in the western Black Sea**
BİNGÖLBALİ B., AKPINAR A., Jafali H., Van Vledder G. P.
OCEAN ENGINEERING, vol.172, pp.31-45, 2019 (SCI-Expanded)
- XXXVI. **Comparative Performance Analysis of Different Wind Fields in the Southern and North-western Coastal Areas of the Black Sea**
ÇAKMAK R. E., AKPINAR A., Van Vledder G. P.
MEDITERRANEAN MARINE SCIENCE, vol.20, no.2, pp.427-452, 2019 (SCI-Expanded)
- XXXVII. **Setup and evaluation of a SWAN wind wave model for the Sea of Marmara**
Kutupoglu V., ÇAKMAK R. E., AKPINAR A., van Vledder G. P.
OCEAN ENGINEERING, vol.165, pp.450-464, 2018 (SCI-Expanded)
- XXXVIII. **Long-term analysis of wave power potential in the Black Sea, based on 31-year SWAN simulations**
AKPINAR A., BİNGÖLBALİ B., Van Vledder G. P.
OCEAN ENGINEERING, vol.130, pp.482-497, 2017 (SCI-Expanded)
- XXXIX. **Wind and wave characteristics in the Black Sea based on the SWAN wave model forced with the CFSR winds**
AKPINAR A., BİNGÖLBALİ B., Van Vledder G. P.
OCEAN ENGINEERING, vol.126, pp.276-298, 2016 (SCI-Expanded)
- XL. **Long-term variations of wind and wave conditions in the coastal regions of the Black Sea**
AKPINAR A., BİNGÖLBALİ B.
NATURAL HAZARDS, vol.84, no.1, pp.69-92, 2016 (SCI-Expanded)
- XLI. **An assessment of the wind re-analyses in the modelling of an extreme sea state in the Black Sea**
AKPINAR A., Ponce de Leon S.
DYNAMICS OF ATMOSPHERES AND OCEANS, vol.73, pp.61-75, 2016 (SCI-Expanded)
- XLII. **Wave model predictions in the Black Sea: Sensitivity to wind fields**
Van Vledder G. P., AKPINAR A.
APPLIED OCEAN RESEARCH, vol.53, pp.161-178, 2015 (SCI-Expanded)
- XLIII. **Estimates of energy consumption in Turkey using neural networks with the teaching-learning-based optimization algorithm**
UZLU E., Kankal M., AKPINAR A., DEDE T.

- ENERGY, vol.75, pp.295-303, 2014 (SCI-Expanded)
- XLIV. **Performance evaluation of parametric models in the hindcasting of wave parameters along the south coast of Black Sea**
AKPINAR A., Özger M., BEKİROĞLU S., Komurcu M. I.
INDIAN JOURNAL OF GEO-MARINE SCIENCES, vol.43, no.6, pp.899-914, 2014 (SCI-Expanded)
- XLV. **Estimates of hydroelectric generation using neural networks with the artificial bee colony algorithm for Turkey**
UZLU E., AKPINAR A., ÖZTÜRK H. T., NACAR S., Kankal M.
ENERGY, vol.69, pp.638-647, 2014 (SCI-Expanded)
- XLVI. **Prediction of wave parameters by using fuzzy inference system and the parametric models along the south coasts of the Black Sea**
AKPINAR A., Özger M., Komurcu M. I.
JOURNAL OF MARINE SCIENCE AND TECHNOLOGY, vol.19, no.1, pp.1-14, 2014 (SCI-Expanded)
- XLVII. **The contribution of hydropower in meeting electric energy needs: The case of Turkey**
AKPINAR A.
RENEWABLE ENERGY, vol.51, pp.206-219, 2013 (SCI-Expanded)
- XLVIII. **Prediction of offshore bar-shape parameters resulted by cross-shore sediment transport using neural network**
Komurcu M. I., Komur M. A., AKPINAR A., Ozolcer I. H., YÜKSEK Ö.
APPLIED OCEAN RESEARCH, vol.40, pp.74-82, 2013 (SCI-Expanded)
- XLIX. **Evaluation of wind energy potentiality at coastal locations along the north eastern coasts of Turkey**
AKPINAR A.
ENERGY, vol.50, pp.395-405, 2013 (SCI-Expanded)
- L. **Assessment of wave energy resource of the Black Sea based on 15-year numerical hindcast data**
AKPINAR A., Komurcu M. I.
APPLIED ENERGY, vol.101, pp.502-512, 2013 (SCI-Expanded)
- LI. **Evaluation of the numerical wave model (SWAN) for wave simulation in the Black Sea**
AKPINAR A., van Vledder G. P., Komurcu M. I., Özger M.
CONTINENTAL SHELF RESEARCH, vol.50-51, pp.80-99, 2012 (SCI-Expanded)
- LII. **Wave energy potential along the south-east coasts of the Black Sea**
AKPINAR A., Komurcu M. I.
ENERGY, vol.42, no.1, pp.289-302, 2012 (SCI-Expanded)
- LIII. **Artificial neural networks for estimation of temporal rate coefficient of equilibrium bar volume**
Kankal M., Komurcu M. I., YÜKSEK Ö., AKPINAR A.
INDIAN JOURNAL OF GEO-MARINE SCIENCES, vol.41, no.1, pp.45-55, 2012 (SCI-Expanded)
- LIV. **The Total Electricity Energy Production of the World, European Union, and Turkey: Projections and Comparison**
AKPINAR A., TAVŞAN F., Komurcu M. I., Filiz M. H., KAYGUSUZ K.
ENERGY SOURCES PART B-ECONOMICS PLANNING AND POLICY, vol.7, no.1, pp.28-44, 2012 (SCI-Expanded)
- LV. **Modeling and forecasting of Turkey's energy consumption using socio-economic and demographic variables**
Kankal M., AKPINAR A., Komurcu M. I., ÖZŞAHİN T. Ş.
APPLIED ENERGY, vol.88, no.5, pp.1927-1939, 2011 (SCI-Expanded)
- LVI. **Development of hydropower energy in Turkey: The case of Coruh river basin**
AKPINAR A., Komurcu M. I., Kankal M.
RENEWABLE & SUSTAINABLE ENERGY REVIEWS, vol.15, no.2, pp.1201-1209, 2011 (SCI-Expanded)
- LVII. **Restructuring of Turkey's electricity market and the share of hydropower energy: The case of the Eastern Black Sea Basin**
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Memberships / Tasks in Scientific Organizations

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TMMOB İnşaat Mühendisleri Odası , Member, 2004 - Continues, Turkey

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Sanayi Bakanlığı , Scientific Consultancy, Gumushane University, Faculty Of Engineering And Natural Sciences, Department Of Civil Engineering, Turkey, 2010 - 2011

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