

## Lect. BİLAL BİNGÖLBALİ

### Personal Information

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### International Researcher IDs

ScholarID: 0n\_wwgcAAAAJ

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Publons / Web Of Science ResearcherID: AAB-4152-2020

ScopusID: 57189584264

Yoksis Researcher ID: 314188

### Education Information

Postgraduate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, İnşaat Mühendisliği (YI) (Tezli), Turkey 2015 - 2018

Undergraduate, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, İnşaat Mühendisliği Bölümü, Turkey 2011 - 2015

### Dissertations

Postgraduate, Karadeniz'in güney batı kıyıları için iç içe geçmiş karelaj sistemli dalga tahmin modelinin geliştirilmesi ve dalga iklim analizi, 2018

### Research Areas

Civil Engineering

### Academic Titles / Tasks

Lecturer, Bursa Uludağ University, İNEGÖL MYO, İNŞAAT, 2019 - Continues

### Courses

YAPI METRAJİ ve MALİYETİ, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

BİLGİ TEKNOLOJİLERİ VE İNOVASYON, Associate Degree, 2023 - 2024

ŞANTİYE TEKNİĞİ, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

BİLGİSAYAR DESTEKLİ TASARIM, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

TECHNICAL DRAWING, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

KARAYOLU İNŞAATI, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

OFFICE PROGRAMMES, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022

TECHNICAL DRAWING, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

COMPUTER AIDED DRAWING, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

INFORMATION AND COMMUNICATION TECHNOLOGY, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **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)
- II. **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)
- III. **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)
- IV. **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)
- V. **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)
- VI. **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)
- VII. **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)
- VIII. **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)
- IX. **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)
- X. **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)
- XI. **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)
- XII. **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)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Trends Of Wind Speed and Significant Wave Heights in the Black Sea Based on Innovative Polygon Trend Analysis**  
Akçay F., Acar E., Bingölbali B., Akpınar A., Kankal M.  
10. Kıyı Mühendisliği Sempozyumu, İzmir, Turkey, 16 - 17 November 2023, pp.210-223
- II. **Determination of Priority Areas for The Installation of Wave Energy Conversion Systems on The Southwestern Black Sea Coast**  
Şan M., Akpınar A., Bingölbali B., Kankal M.

10. Kıyı Mühendisliği Sempozyumu, İzmir, Turkey, 16 - 17 November 2023, pp.361-373
- III. **The Performance Of Wave Energy Converters On The Coast Of The Black Sea**  
Bingölbali B., Amarouche K., Akpınar A.  
10. Kıyı Mühendisliği Sempozyumu, İzmir, Turkey, 16 - 17 November 2023, pp.344-353
- IV. **Performance of the scaled ocean tec wave energy converter on the Cide coast of the Black Sea**  
Bingölbali B., Majidi A. G., Akpınar A.  
18. Türkiye İnşaat Mühendisliği Teknik Kongre ve Sergisi, İstanbul, Turkey, 7 - 09 November 2022, pp.553-559
- V. **Quality assessments of wave spectra in the coastal zone of the Black Sea**  
myslenkov s., badulin s., lopatukhin l., arkipkin v., AKPINAR A., BİNGÖLBALİ B., soran m. b.  
the IX International Scientific and Practical Conference "Marine Research and Education (MARESEDU-2020), 26 - 30 October 2020
- VI. **The Changes of Theoretical Wave Power from Offshore to Coast in the South-western Black Sea**  
Majidi A. G., BİNGÖLBALİ B., AKPINAR A.  
The 3rd International Conference on Renewable Energy and Environment Engineering (REEE2020), 16 - 18 August 2020
- VII. **Power Production Performance of Different Wave Energy Converters in The Southwestern Black Sea**  
Majidi A. G., BİNGÖLBALİ B., AKPINAR A.  
22th International Conference on Active Filters and Harmonics Power Supplies (ICAFHPS 2020), 13 - 14 July 2020
- VIII. **Dimensionless Normalized Wave Power in the Hot-spot Areas of the Black Sea**  
Majidi A. G., BİNGÖLBALİ B., AKPINAR A., rusu E.  
5th International Conference on Advances on Clean Energy Research, 23 - 25 April 2020
- IX. **Güneybatı Karadeniz Kıyılarında Kurulması Muhtemel Dalga Enerji Dönüşüm Sistemleri İçin Uygun Yer Tespiti**  
ŞAN M., AKPINAR A., Bingölbali B., KANKAL M.  
İSTE-CE'2019 International Conference on Innovation, Sustainability, Technology and Education in Civil Engineering, 13 - 15 June 2019, pp.484-496
- X. **Güneybatı Karadeniz Kıyılarında Kurulması Muhtemel Dalga Enerjisi Dönüşüm Sistemleri İçin Uygun Yer Tespiti**  
ŞAN M., AKPINAR A., Bingölbali B., KANKAL M.  
International Conference on Innovation, Sustainability, Technology and Education in Civil Engineering, 13 - 15 June 2019
- XI. **Long-term variations in wave height and wind speed along the Black Sea coasts**  
AKPINAR A., Bingölbali B.  
International Civil Engineering and Architecture Conference 2019 (ICEARC'19), 17 - 20 April 2019
- XII. **Wave energy potential in and around Filyos**  
AKPINAR A., Bingölbali B., Jafali H., ÇAKMAK R. E.  
International Civil Engineering and Architecture Conference 2019 (ICEARC'19), 17 - 20 April 2019
- XIII. **Marmara Denizi üzerinde maksimum belirgin dalga yüksekliklerinin alansal dağılımları**  
Kutupoğlu V., AKPINAR A., Bingölbali B., ÇAKMAK R. E.  
9. Kıyı Mühendisliği Sempozyumu, Turkey, 1 - 03 November 2018
- XIV. **Karadeniz'in güneybatı sahil kesimi için WEB dayalı dalga enerji atlası**  
Bingölbali B., AKPINAR A., Jafali H.  
9. Kıyı Mühendisliği Sempozyumu, Turkey, 1 - 03 November 2018
- XV. **Karadeniz Üzerinde ERA-20C, ERA-20CM ve CERA-20C İklim Modellerine Ait Rüzgar Hızı Ve Dalga Tahmin Performanslarının Değerlendirmesi**  
Yanbolu M., AKPINAR A., ÇAKMAK R. E., Bingölbali B.  
9. Kıyı Mühendisliği Sempozyumu, Turkey, 1 - 03 November 2018
- XVI. **The Recent Extreme Sea Waves affecting the Black Sea**  
ÇAKMAK R. E., AKPINAR A., Bingölbali B., Jafali H.  
2ND International Symposium on Natural Hazards and Disaster Management, 4 - 06 May 2018
- XVII. **Contribution of Swells to Wave Climate along with the Southwestern Black Sea Coast**

- Bingölbali B., ÇAKMAK R. E., AKPINAR A.  
2ND International Symposium on Natural Hazards and Disaster Management, 4 - 06 May 2018
- XVIII. **Marmara Denizi'nde rüzgar dalga şartlarının uzun dönemli yıllık ortalamalarının analizi**  
KUTUPOĞLU V., BİNGÖLBALİ B., ÇAKMAK R. E., AKPINAR A.  
Uluslararası Su ve Çevre Kongresi (SUÇEV2018), 22 - 24 March 2018
- XIX. **Marmara Denizi'nin 2014 yılı deniz dalga durumunun analizi**  
Kutupoğlu V., Bingölbali B., ÇAKMAK R. E., AKPINAR A.  
Ulusal Çevre, Deniz ve Kıyı Kirliliği Sempozyumu (UCEDKKS-2017-Bursa), Turkey, 10 - 12 October 2017
- XX. **Wave Energy Potential in and around Sinop**  
Bingölbali B., Jafali H., AKPINAR A.  
III. International Conference on Engineering and Natural Science, 3 - 07 May 2017
- XXI. **Comparison of three different wave climate studies along the south western Black Sea coasts**  
ÇAKMAK R. E., Bingölbali B., Jafali H., AKPINAR A.  
III. International Conference on Engineering and Natural Science, 3 - 07 May 2017
- XXII. **DETERMINATION OF WAVE ENERGY POTENTIAL OF BLACK SEA**  
BİNGÖLBALİ B., AKPINAR A., VAN VLEDDER G.  
The International Conference on Coastal Engineering (ICCE), 17 - 20 November 2016
- XXIII. **Spatial distribution of mean wave energy flux over the Black Sea**  
AKPINAR A., BİNGÖLBALİ B., JAFALİ H.  
ICSD International Conference on sustainable Development, 19 - 23 October 2016
- XXIV. **Comparison of the calibrated SWAN models performances forcing with different winds in the Black Sea**  
AKPINAR A., BİNGÖLBALİ B.  
ICSD International Conference on sustainable Development, 19 - 23 October 2016
- XXV. **Analysis of Wind and Wave Climate along the Coasts of the Black Sea**  
ÇAKMAK R. E., BİNGÖLBALİ B., AKPINAR A.  
International Conference on Engineering and Natural Sciences, 24 - 28 May 2016
- XXVI. **Wave Hindcasting for Wave Energy Assessments in the Black Sea**  
AKPINAR A., BİNGÖLBALİ B., JAFALİ H.  
International Conference on Engineering and Natural Sciences, 24 - 28 May 2016
- XXVII. **WAVE CLIMATE SIMULATION FOR THE BLACK SEA BASIN**  
AKPINAR A., Van Vledder G. P., BİNGÖLBALİ B.  
36th IAHR World Congress, Delft, Netherlands, 28 June - 03 July 2015, pp.3570-3579
- XXVIII. **Karadeniz'de kıyaslamalı dalga tahmini: Sinop örneği**  
AKPINAR A., Bingölbali B.  
8. Kıyı Mühendisliği Sempozyumu, Turkey, 7 - 09 November 2014

## Scientific Refereeing

RENEWABLE ENERGY, Journal Indexed in SCI-E, July 2024

RENEWABLE ENERGY, Journal Indexed in SCI-E, August 2023

SUSTAINABILITY, Journal Indexed in SCI-E, December 2022

SUSTAINABILITY, Journal Indexed in SCI-E, December 2022

JOURNAL OF MARINE SCIENCE AND ENGINEERING, Journal Indexed in SCI-E, October 2022

JOURNAL OF MARINE SCIENCE AND ENGINEERING, Journal Indexed in SCI-E, April 2022

## Metrics

Publication: 41

Citation (WoS): 310

Citation (Scopus): 371

H-Index (WoS): 10

H-Index (Scopus): 10

## **Awards**

Uzun B., BİNGÖLBALİ B., Bursa Uludağ Üniversitesi 2021 Yılı Bilim, Özel, Teşvik ve Hizmet Ödülleri kapsamında Teşvik Ödülü, Bursa Uludağ Üniversitesi Rektörlüğü, December 2022