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Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Harşit Çayı Su Kalitesinin Mevsimsel Değişiminin İncelenmesi ve Aski Madde Konsantrasyonunun Yapay Sinir Ağları Yöntemi ile Tahmin Edilmesi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği Bölümü/Hidrolik, 2011

Postgraduate, Gümüşhane Merkez Katı Atık Özelliklerinin Belirlenmesi ve Uzaklaştırma Yöntemlerine Uygulanabilirliğinin İncelenmesi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği/Hidrolik, 2004

Research Areas

Civil Engineering, Hydraulic, Surface Water Engineering, Hydrology, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2018 - Continues

Assistant Professor, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2013 - 2018

Advising Theses

BAYRAM A., Değirmendere Havzası (Trabzon) Yerüstü Su Kalitesinin Mekana ve Zamana Bağlı Değişiminin İncelenmesi, Postgraduate, U.SATILMIŞ(Student), 2015

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

- I. **Estimation of daily dissolved oxygen concentration for river water quality using conventional regression analysis, multivariate adaptive regression splines, and TreeNet techniques**
Nacar S., METE B., BAYRAM A.
Environmental Monitoring and Assessment, vol.192, no.12, 2020 (Journal Indexed in SCI)
- II. **Spatial Forecasting of Dissolved Oxygen Concentration in the Eastern Black Sea Basin, Turkey**
Nacar S., Bayram A., Baki O. T. , Kankal M., Aras E.
WATER, vol.12, no.4, 2020 (Journal Indexed in SCI)
- III. **Rebuttal to "Evaluation of surface water quality and heavy metal pollution of Coruh River Basin**

(Turkey) by multivariate statistical methods'' by Bilgin and Konanc (Environ Earth Sci 2016; 75:1029)

BAYRAM A.

ENVIRONMENTAL EARTH SCIENCES, vol.76, no.20, 2017 (Journal Indexed in SCI)

- IV. **Temporal Variation of Total Nitrogen and Total Phosphorus in Surface Waters from the Lower Coruh River Basin, Turkey**
BAYRAM A., KENANOĞLU M.
ACTA PHYSICA POLONICA A, vol.132, no.3, pp.712-716, 2017 (Journal Indexed in SCI)
- V. **Water quality of the Degirmendere stream, drinking water source of Trabzon Province, Turkey**
BAYRAM A.
DESALINATION AND WATER TREATMENT, vol.62, pp.120-139, 2017 (Journal Indexed in SCI)
- VI. **Variation of total suspended solids versus turbidity and Secchi disk depth in the Borcka Dam Reservoir, Coruh River Basin, Turkey**
BAYRAM A., KENANOĞLU M.
LAKE AND RESERVOIR MANAGEMENT, vol.32, no.3, pp.209-224, 2016 (Journal Indexed in SCI)
- VII. **Modeling stream dissolved oxygen concentration using teaching-learning based optimization algorithm**
BAYRAM A., UZLU E., KANKAL M., DEDE T.
ENVIRONMENTAL EARTH SCIENCES, vol.73, no.10, pp.6565-6576, 2015 (Journal Indexed in SCI)
- VIII. **Sand and gravel mining impact on the surface water quality: a case study from the city of Tirebolu (Giresun Province, NE Turkey)**
BAYRAM A., ONSOY H.
ENVIRONMENTAL EARTH SCIENCES, vol.73, no.5, pp.1997-2011, 2015 (Journal Indexed in SCI)
- IX. **Artificial Neural Network Modeling of Dissolved Oxygen Concentrations in a Turkish Watershed**
BAYRAM A., KANKAL M.
POLISH JOURNAL OF ENVIRONMENTAL STUDIES, vol.24, no.4, pp.1507-1515, 2015 (Journal Indexed in SCI)
- X. **Spatial and temporal variation of suspended sediment concentration versus turbidity in the stream Harsit Watershed, NE Turkey**
BAYRAM A., ONSOY H., KANKAL M., KOMURCU M. I.
ARABIAN JOURNAL OF GEOSCIENCES, vol.7, no.11, pp.4987-4996, 2014 (Journal Indexed in SCI)
- XI. **Reciprocal influence of Kurtun Dam and wastewaters from the settlements on water quality in the stream HarAYit, NE Turkey**
BAYRAM A., ONSOY H., KOMURCU M. I., TUFEKCI M.
ENVIRONMENTAL EARTH SCIENCES, vol.72, no.8, pp.2849-2860, 2014 (Journal Indexed in SCI)
- XII. **Assessment of hydropower and multi-dam power projects in Turkey**
KANKAL M., BAYRAM A., UZLU E., SATILMIŞ U.
RENEWABLE ENERGY, vol.68, pp.118-133, 2014 (Journal Indexed in SCI)
- XIII. **Prediction of suspended sediment concentration from water quality variables**
BAYRAM A., KANKAL M., TAYFUR G., ONSOY H.
NEURAL COMPUTING & APPLICATIONS, vol.24, no.5, pp.1079-1087, 2014 (Journal Indexed in SCI)
- XIV. **Influences of urban wastewaters on the stream water quality: a case study from Gumushane Province, Turkey**
BAYRAM A., ONSOY H., BULUT V. N., AKINCI G.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.185, no.2, pp.1285-1303, 2013 (Journal Indexed in SCI)
- XV. **Estimation of suspended sediment concentration from turbidity measurements using artificial neural networks**
BAYRAM A., KANKAL M., ONSOY H.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.184, no.7, pp.4355-4365, 2012 (Journal Indexed in SCI)
- XVI. **Effects of Torul dam on water quality in the stream Harsit, NE Turkey**
BAYRAM A., ONSOY H., KOMURCU M. I., BULUT V. N.
ENVIRONMENTAL EARTH SCIENCES, vol.65, no.3, pp.713-723, 2012 (Journal Indexed in SCI)

- XVII. **Variation of total organic carbon content along the stream Harsit, Eastern Black Sea Basin, Turkey**
BAYRAM A., ONSOY H., Akinci G., BULUT V. N.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.182, pp.85-95, 2011 (Journal Indexed in SCI)
- XVIII. **ESTIMATION OF THE CARBON TO NITROGEN (C:N) RATIO IN COMPOSTABLE SOLID WASTE USING ARTIFICIAL NEURAL NETWORKS**
BAYRAM A., KANKAL M., ÖZŞAHİN T. Ş. , SAKA F.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.20, pp.3250-3257, 2011 (Journal Indexed in SCI)
- XIX. **Assessment of water quality parameters in the stream Galyan, Trabzon, Turkey**
BULUT V. N. , BAYRAM A., GUNDOGDU A., SOYLAK M., TUFEKCI M.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.165, pp.1-13, 2010 (Journal Indexed in SCI)
- XX. **Municipal solid waste characteristics and management in Gumushane, Turkey**
NAS S. S. , BAYRAM A.
WASTE MANAGEMENT, vol.28, no.12, pp.2435-2442, 2008 (Journal Indexed in SCI)
- XXI. **Effects of some water quality parameters on the dissolved oxygen balance of streams**
NAS S. S. , BAYRAM A., NAS E., BULUT V. N.
POLISH JOURNAL OF ENVIRONMENTAL STUDIES, vol.17, no.4, pp.531-538, 2008 (Journal Indexed in SCI)
- XXII. **Heavy metals in compostable wastes: A case study in Gumushane, Turkey**
NAS S. S. , BAYRAM A., BULUT V. N. , GUENDOĞDU A.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.16, pp.1069-1075, 2007 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Trabzon (Maçka) Kalyan Deresinin Çözünmüş Oksijen Profili (Sag Eğrisi) Üzerine Değerlendirmeler**
NAS S. S. , TÜFEKÇİ M., BAYRAM A., BULUT V. N.
Türk Sucul Yaşam Dergisi, vol.4, pp.292-299, 2005 (Other Refereed National Journals)
- II. **KTÜ Merkez Kampüs Atık Sularının Aktif Çamur Yöntemi İle Arıtımında Bir Grafik Yöntem Uygulaması**
NAS S. S. , BAYRAM A., SAKA F.
Türk Sucul Yaşam Dergisi (Turkish Journal of Aquatic Life), vol.3, pp.536-544, 2004 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation of Annual Maximum Flow Trend using Innovative Trend Analysis with Change Boxes in the Eastern Black Sea Basin, Turkey**
ŞAN M., KANKAL M., BAYRAM A., NACAR S.
3rd International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 19 - 21 September 2019, vol.1, no.1, pp.843-849
- II. **Estimation of Daily Dissolved Oxygen Concentration in the Clackamas River, Oregon Using the Multivariate Adaptive Regression Splines**
NACAR S., METE B., BAYRAM A.
International Conference on Innovation, Sustainability, Technology and Education in Civil Engineering, Hatay, Turkey, 13 - 15 June 2019, pp.517-526
- III. **Estimation of Manganese(II) Ion Concentration from Turbidity Measurements from a Dam Reservoir: A Case Study from the Erfelek Dam (Sinop), Northeastern Turkey**
BAKİ O. T. , KARADENİZ G. E. , BAYRAM A.
Innovation, Sustainability, Technology and Education in Civil Engineering Conference, Hatay, Turkey, 13 - 15 June 2019, vol.-, pp.630-639
- IV. **https://www.researchgate.net/profile/Sinan_Nacar**
ŞAN M., KANKAL M., BAYRAM A., NACAR S.

International Conference on Innovation, Sustainability, Technology and Education in Civil Engineering, Hatay, Turkey, 13 - 15 June 2019, vol.1, no.1, pp.670-681

- V. **ESTIMATION OF DAILY DISSOLVED OXYGEN CONCENTRATION IN THE BROAD RIVER, SOUTH CAROLINA**
NACAR S., METE B., BAYRAM A.
International Civil Engineering and Architecture Conference 2019, Trabzon, Turkey, 17 - 20 April 2019, pp.879-885
- VI. **Estimation of suspended sediment concentration using regression analysis and artificial neural networks: A case study from the Eastern Black Sea Basin, Turkey**
BAKİ O. T., ERDOĞAN İ., BAYRAM A.
The International Civil Engineering & Architecture Conference (ICEARC 2019), Trabzon, Turkey, 17 - 20 April 2019, vol.-, pp.886-893
- VII. **Estimation of Dissolved Oxygen for Urban Streams in the Eastern Black Sea Basin**
NACAR S., BAYRAM A., SATILMIŞ U., KANKAL M.
International Symposium on Urban Water and Wastewater Management (UKSAY)-2018, Denizli, Turkey, 25 - 27 October 2018, pp.3
- VIII. **Prediction of Total Suspended Solids from Turbidity Measurements in the Lower Çoruh River Basin Using Various Artificial Neural Networks Training Algorithms**
BAYRAM A., KENANOĞLU M., NACAR S., KANKAL M.
International Symposium on Urban Water and Wastewater Management (UKSAY)-2018, Denizli, Turkey, 25 - 27 October 2018, pp.2
- IX. **Estimation of Manganese(II) Ion Concentration from Stream Turbidity Measurements: A Case Study from the Harşit Stream Watershed, Northeastern Turkey**
BAYRAM A., NACAR S., KANKAL M., ÖNSOY H.
International Symposium on Urban Water and Wastewater Management (UKSAY)-2018, Denizli, Turkey, 25 - 27 October 2018, pp.1
- X. **The Investigation of Water Quality of Atasu Dam Lake in the Context of Trabzon Metropolitan Municipality Water Treatment Plant**
SATILMIŞ U., BAYRAM A., AKÇAY F., ÖNALAN F., YAĞMUR F.
1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, pp.1855-1866
- XI. **The Surface Water Quality Monitoring and Assessment of the Eastern Black Sea Basin (Trabzon Province) Streams, Turkey**
NACAR S., BAYRAM A., SATILMIŞ U., BAKİ O. T.
12th International Congress on Advances in Civil Engineering, İstanbul, Turkey, 21 - 23 September 2016, pp.111
- XII. **Temporal Variation of Organic and Inorganic Carbon Transport from the Southeastern Black Sea (Trabzon Province) Rivers**
NACAR S., BAYRAM A., SATILMIŞ U.
International Conference on Engineering and Natural Sciences, Sarajevo, Bosnia And Herzegovina, 24 - 28 May 2016, pp.1843-1847
- XIII. **Temporal Variation of Organic and Inorganic Carbon Transport from the Southeastern Black Sea (Trabzon Province) Rivers**
NACAR S., BAYRAM A., SATILMIŞ U.
International Conference on Engineering and Natural Science (ICENS 2016), Sarajova, Bosnia And Herzegovina, 24 - 28 May 2016, vol.1, no.1, pp.1
- XIV. **Dissolved Oxygen and Chlorophyll a Levels in an Urban Stream, Değirmendere, Northeast Turkey**
SATILMIŞ U., BAYRAM A., NACAR S.
International Conference on Engineering and Natural Sciences, Sarajevo, Bosnia And Herzegovina, 24 - 28 May 2016, pp.530-536
- XV. **Variation of Total Suspended Solids versus Nephelometric Turbidity in the Stream Değirmendere, Southeastern Black Sea**

- SATILMIŞ U., BAYRAM A.
9th World Congress of EWRA, Water Resources Management in a Changing World: Challenges and Opportunities, İstanbul, Turkey, 10 - 13 June 2015, pp.103-104
- XVI. **Impact of Borçka Dam on Total Suspended Solids Carried by the Çoruh River and the Murgul Stream, Northeast Turkey**
KENANOĞLU M., BAYRAM A.
9th World Congress of EWRA, Water Resources Management in a Changing World: Challenges and Opportunities, İstanbul, Turkey, 10 - 13 June 2015, pp.281-282
- XVII. **Drinking Water Quality Monitoring and Assessment for the Atasu Dam Lake, Stream Galyan, Trabzon, Turkey**
SATILMIŞ U., BAYRAM A.
2nd International Sustainable Buildings Symposium, Ankara, Turkey, 28 - 30 May 2015, pp.1109-1116
- XVIII. **Atasu Barajı (Trabzon) İçme Suyu Kalitesinin İncelenmesi**
SATILMIŞ U., BAYRAM A., BAHADIR Ü., KARACA S.
Çankırı Havza Yönetimi Sempozyumu, Çankırı, Turkey, 10 - 12 September 2014, vol.0, no.0
- XIX. **Spatial and Temporal Variation of Total Organic Carbon, Total Nitrogen, and Total Phosphorus Pollution in the Stream Değirmendere Watershed, Trabzon, Turkey**
SATILMIŞ U., BAYRAM A.
International Environmental Sciences Symposium of Van (IESS '14), Van, Turkey, 4 - 07 June 2014, pp.128-129
- XX. **The South-Eastern Anatolia Project (GAP) in Turkey and Middle East in terms of Economic, Strategic and Politic**
AKPINAR A., ONSOY H., KOMURCU M. I. , BAYRAM A.
2nd International Balkans Conference on Challenges of Civil Engineering, BCCCE), Tirana, Albania, 23 - 25 May 2013, pp.974-982
- XXI. **Effects of Hydraulics Structures on Dissolved Oxygen Concentration: A Case Study from the Stream Harsit, Eastern Black Sea Basin, Turkey**
BAYRAM A., ONSOY H., BULUT V. N. , BAYRAK A.
2nd International Balkans Conference on Challenges of Civil Engineering, BCCCE), Tirana, Albania, 23 - 25 May 2013, pp.963-973
- XXII. **Evsel Atık Su Deşarjının Yüzeysel Su Kalitesine Etkilerinin İncelenmesi: Harşit Çayı Örneği (Gümüşhane)**
BAYRAM A., Önsoy H., BULUT V. N. , TÜFEKÇİ M.
6. Kentsel Altyapı Sempozyumu, Antalya, Turkey, 14 - 15 November 2011, pp.427-438
- XXIII. **Effects of Gümüşhane Municipal Wastewaters on The Stream Harsit Water Quality, Turkey**
BAYRAM A., Önsoy H., BULUT V. N. , TÜFEKÇİ M., Akpınar A.
Ecole Nationale Superieure de l'Hydraulique, Blida, Algeria, 18 June 2011, pp.6-17
- XXIV. **Investigation of Water Quality Parameters in the Streams Galyan and Degirmendere, Trabzon, Turkey**
BAYRAM A., ONSOY H., SEYFİ H., DÜLGER K., YAYLALI S.
4th International Conference on Water Resources and Sustainable Development, Algiers, Algeria, 22 - 23 February 2011, pp.361-367
- XXV. **Effects of Gumushane Municipal Wastewaters on the Stream Harsit Water Quality, Turkey**
BAYRAM A., ONSOY H., BULUT V. N. , TÜFEKÇİ M., AKPINAR A.
4th International Conference on Water Resources and Sustainable Development, Algiers, Algeria, 22 - 23 February 2011, pp.167-173
- XXVI. **Environmental Problems from the Open Dump in Gumushane Province and Investigation of Biological Recycling for the Organic Solid Wastes**
Nas S. S. , Bayram A.
International Conference on Environment: Survival and Sustainability, Nicosia, CYPRUS, 19 - 24 February 2007, pp.1055-1063
- XXVII. **Dissolved Oxygen Levels in the Stream harşit (Turkey)**

- BAYRAM A., ÖNsoy H., BULUT V. N. , TÜFEKÇİ M.
9th International Congress on Advances In Civil Engineering, Trabzon, Turkey, 27 - 30 September 2010, pp.214
- XXVIII. **Dissolved Oxygen Levels in the Stream Harşit (Turkey)**
BAYRAM A., ÖNsoy H., BULUT V. N. , TÜFEKÇİ M.
9th International Congress on Advances in Civil Engineering, Trabzon, Turkey, 27 - 30 September 2010
- XXIX. **Effect of Torul and Kürtün Dams on Suspended Sediment Concentration in the Stream Harşit (Turkey)**
BAYRAM A., ÖNsoy H., BULUT V. N. , TÜFEKÇİ M.
9th International Congress on Advances in Civil Engineering, Trabzon, Turkey, 27 - 30 September 2010
- XXX. **Effect of Torul and Kürtün Dams on suspended Sediment Concentration in the Stream Harşit (Turkey)**
BAYRAM A., ÖNsoy H., BULUT V. N. , TÜFEKÇİ M.
9th International Congress on Advances In Civil Engineering, Trabzon, Turkey, 27 - 30 September 2010, pp.215
- XXXI. **Harşit Çayı Hidrolik Yapılarının Askı Madde Hareketine Etkileri**
BAYRAM A., KANKAL M., ÖNsoy H., BULUT V. N.
VI. Ulusal Hidroloji Kongresi, Denizli, Turkey, 22 - 24 September 2010, pp.873-882
- XXXII. **Trabzon Kuştu ve Galyan Akarsularında Çözünmüş Oksijen Eksikliğinin İncelenmesi**
ÖNsoy H., BAYRAM A., BULUT V. N. , TÜFEKÇİ M.
IV. Ulusal Su Mühendisliği Sempozyumu, İstanbul, Turkey, 6 - 10 July 2009, pp.525-533
- XXXIII. **Investigation of water quality parameters in the Stream Galyan (Trabzon-Turkey)**
BAYRAM A., BULUT V. N. , ÖNsoy H., TÜFEKÇİ M.
3rd International Conference on Water Management, Blida, Algeria, 27 - 28 January 2009, pp.178-187
- XXXIV. **Investigation of Water Quality Parameters in the Stream Galyan (Trabzon-Turkey)**
BAYRAM A., BULUT V. N. , ÖNsoy H., TÜFEKÇİ M.
3rd International Conference on Water Management, Tıpaza, Algeria, 27 - 28 January 2009, pp.178-187
- XXXV. **A Graphical Application in Treatment of Residential Wastewater by the Activated Sludge Process**
NAS S. S. , BAYRAM A.
International Conference on Environment: Survival and Sustainability, Lefkoşa, Cyprus (Kktc), 19 - 24 February 2007, vol.7, pp.3541-3550
- XXXVI. **Effects of Flow Characteristics in Surface Water Resources on Dissolved Oxygen Profile**
NAS S. S. , BAYRAM A., NAS E.
7th International Congress on Advances in Civil Engineering, İstanbul, Turkey, 11 - 13 October 2006
- XXXVII. **Gümüşhane (Merkez) Katı Atıkların Kompostlanabilirliğinin Araştırılması**
Nas S., BAYRAM A., BULUT V. N.
III. Ulusal Katı Atık Kongresi, İzmir, Turkey, 25 - 27 May 2005, pp.57-65

Citations

Total Citations (WOS):257

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