### E-ISSN: 2587-1277



# AKSARAY UNIVERSITY

An International Peer-Reviewed e-Journal DOI: 10.29002 Period: Biannually Founded: 2017 Publisher: Aksaray University

VOLUME 4 ISSUE 1 JUNE 2020

### Aksaray University Journal of Science and Engineering

An International Peer-Reviewed e-Journal

e-ISSN: 2587-1277 DOI: 10.29002 Period: Biannually Founded: 2017 Publisher: Aksaray University

#### Volume 4 – Issue 1 June 2020

#### *Honorary President* **Yusuf Şahin**, Rector of Aksaray University

*Editor-in-Chief* Engin Deligöz, Aksaray University, Physics Department, 68100 Aksaray, Turkey

Associate Editors Hacı Özışık, Aksaray University, Physics Department Şevket Tülün, Aksaray University, Department of Environmental Engineering

#### Issue Editors

Hacı Özışık; Basic Sciences (Multidisciplinary) Sevket Tülün; Engineering (Multidisciplinary) Hacı Murat Yılmaz; Geomatics Engineering

#### Editorial Board

Ahmet Alper Öner, Erciyes University, Turkey Hatim El-Hatip, Aksaray University, Turkey Naim Uzun, Aksaray University, Turkey Mehmet Sarı, Aksaray University, Turkey Tolga Oyman, Dokuz Eylul University, Turkey Ahmet Genç, Adıyaman University, Turkey Ali Ural, Aksaray University, Turkey Mustafa Ardıç, Aksaray University, Turkey Hüseyin Polat, Aksaray University, Turkey Tuncay Tunc, Mersin University, Turkey Ahmet Aydın, Çukurova University, Turkey Gökhan Sürücü, Kırşehir Ahi Evran University, Turkey Nurettin Körözlü, Burdur Mehmet Akif Ersoy University, Turkey Sevket Tülün, Aksaray University, Turkey

Ziya Sağlam; Physics Yunus Uzun; Electrical&Electronic Engineering Bahattin Güllü; Geological Engineering

Berkant Kayan, Aksaray University, Turkey İbrahim Örün, Aksaray University, Turkey Mehmet Reşit Tolun, Başket University, Turkey Tamer Koralay, Pamukkale University, Turkey Yusuf Yakar, Aksaray University, Turkey Ali Kemal Havare, Toros University, Turkey Meral Büyükyıldız, Selçuk University, Turkey Halis Bilgil, Aksaray University, Turkey Sezgin Aydın, Tarsus University, Turkey Gökhan Demirela, Aksaray University, Turkey Yunus Uzun, Aksaray University, Turkey Muhammet Çelik, Aksaray University, Turkey Müge Ağca Yıldırım, İzmir Katip Celebi University, Turkey Pushpendra P. Singh, Institute of Technology Ropar, India Hacı Özışık, Aksaray University, Turkey

Tecnichal&Production Editor Hacı Özışık, Aksaray University, Department ofPhysics

#### Hosted by <u>DergiPark Akademik</u>

☑ Aksaray University, Graduate School of Natural and Applied Sciences, 68100, Aksaray, Turkey
☎ +90 (382) 288 27 26; 📇 +90 (382) 288 27 27; ☑ asujse@aksaray.edu.tr

Aksaray J. Sci. Eng.



## Aksaray University Journal of Science and Engineering

An International Peer-Reviewed e-Journal

e-ISSN: 2587-1277 DOI: 10.29002 Period: Biannually Founded: 2017 Publisher: Aksaray University

# **VOLUME 4 – ISSUE 1**

# June 2020

### **Table of Contents**

Pages	Title		Type
U	Cartographic Interpretation of the Seafloor Geomorphology Using GM	AT:	Research Article
1-18	a Case Study of the Manila Trench, South ChinaPolina Lemenkova10.2	.29002/:	asujse.604761
10.00	Analysis of the Failures in Power Transformers		Research Article
19-29	Mehmet Zile 10.2	29002/:	asujse.653362
20.42	Range Determination of the Influence of Carrier Concentration on Latt Thermal Conductivity for Bulk Si and Nanowires	tice	Research Article
30-42		29002/:	asujse.657837
10.75	Buffer Gas Cooling in Penning Ion Traps		Research Article
43-65	Halil Ibrahim Dursun, Suleyman Durmus, Husnu Aksakal10.2	.29002/;	asujse.655068
	Analysis of the Effect of MAG Welding Parameters on Microstructure a	and	Research Article
66-76	Mechanical Properties of TRIP 800 Steels with Finite ElementsMehmet Cakmakkaya10.2	.29002/:	asujse.607775
	Determination of Groundwater Quality around Seyfe Lake (Kırşehir) us	ing	Research Article
77-89	Geographical Information Systems (GIS)		
	Zeynel Basibuyuk, Gokhan Ekincioglu, Dogukan Dogu Yavasli 10.2	29002/:	asujse.657657
00 110	Hydrogeochemical, Geotechnical and Soil Geochemistry Characteristics	s of	Research Article
90-112	Aksaray University Campus Area, AksarayGokhan Demirela , Erkan Yilmazer, Mustafa Murat Kavurmaci10.2	200024	
	Goknan Denniela, Elkan Tinnazei, Mustala Murat Kavurmaci 10.	29002/3	asujse.712844

