

## Resr. ÇAĞDAŞ SAĞIR

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAG-4394-2019

ScopusID: 57194685896

### Education Information

Post Doctorate, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, Turkey  
2022 - Continues

Doctorate, Mugla Sitki Kocman University, Science, Geological Engineering, Turkey 2015 - 2019

Postgraduate, Mugla Sitki Kocman University, Science, Geological Engineering, Turkey 2012 - 2015

Postgraduate, Université de Poitiers, Fundamental and Applied Science, Hydrogeology, France 2013 - 2014

Undergraduate, Hacettepe University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, Turkey 2007 - 2012

### Foreign Languages

French, B2 Upper Intermediate

English, C1 Advanced

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

- I. **One-Dimensional Experimental Investigation of Polyethylene Microplastic Transport in a Homogeneous Saturated Medium**  
Okutan H. M., Sağır Ç., Fontaine C., Nauleau B., Kurtulus B., Le Coustumer P., Razack M.  
Frontiers in Environmental Science, vol.10, 2022 (SCI-Expanded)
- II. **Determination of karst spring characteristics in complex geological setting using MODKARST model: Azmak Spring, SW Turkey**  
Katsanou K., Sağır Ç., Maramathas A., Kurtuluş B., Baba A., Lambrakis N.  
ARABIAN JOURNAL OF GEOSCIENCES, vol.16, pp.1-10, 2022 (SCI-Expanded)
- III. **Investigating the structure of a coastal karstic aquifer through the hydrogeological characterization of springs using geophysical methods and field investigation, gökova bay, sw turkey**  
Sağır Ç., Kurtuluş B., Soupios P., Ayrancı K., Düztaş E., Aksoy M. E., Aşşar Ö., Erdem G., Pekkan E., Canoğlu M. C., et al.  
Water (Switzerland), vol.12, no.12, 2020 (SCI-Expanded)
- IV. **Hydrodynamic characterization of mugla karst aquifer using correlation and spectral analyses on the rainfall and springs water-level time series**  
Sağır Ç., Kurtuluş B., Razack M.  
Water (Switzerland), vol.12, no.1, 2020 (SCI-Expanded)
- V. **Spatial and temporal assessment of metal(loid) contamination in asartepe dam lake (Ankara,**

**Turkey) using pollution indices and multivariate statistical analysis**

Kurtulus B., Sagir Ç., Erdem G., Tunc S., Canoglu M., Tunca E.

FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, pp.7408-7418, 2019 (SCI-Expanded)

**VI. Hydraulic head and groundwater 111cd content interpolations using empirical bayesian kriging (Ebk) and geo-adaptive neuro-fuzzy inference system (geo-ANFIS)**

Sağır Ç., Kurtuluş B.

Water SA, vol.43, no.3, pp.509-519, 2017 (SCI-Expanded)

## **Articles Published in Other Journals**

**I. Assessment of groundwater metal-metalloid content using Geostatistical methods in Karabağlar Polje (Muğla, Turkey)**

Kurtuluş B., Sağır Ç., Avşar Ö.

Bulletin of the Mineral Research and Exploration, vol.2017, no.154, pp.193-206, 2017 (Scopus)

## **Refereed Congress / Symposium Publications in Proceedings**

**I. Fen, Çevre ve Mühendislik Bilimlerinde Metaverse Potansiyeli**

Sağır Ç., KURTULUŞ B., KURTULUŞ D. F.

Eğitim Bilimlerinde Dijital Dönüşüm: Metaverse Bilim Kongresi, Dokuz Eylül Üniversitesi Eğitim Bilimleri Enstitüsü, İzmir, Turkey, 8 - 09 June 2022

**II. SPRING LOCATING AND TEMPERATURE MONITORING USING UAV: AZMAK SPRINGS, MUGLA, TURKEY**

Kurtuluş B., Sağır Ç., Erdem G., Kurtuluş D. F., Avşar Ö., Canoğlu M. C., Razack M.

International Symposium on Sustainable Aviation 2018, Rome, Italy, 9 - 11 July 2018, pp.31-33

**III. Potential of Unmanned Aerial Vehicle (UAV) remote sensing in Karstic Springs: Muğla Turkey**

SAĞIR Ç., ERDEM G., KURTULUŞ B., AVŞAR Ö., KURTULUŞ D. F., TUNCA E., LE COZ M., RAZACK M.

IGWC 2017 7th International Groundwater Conference, Yeni Delhi, India, 11 - 13 December 2017

**IV. UAV Applications in Hydrology A Case Study in Gökova Basin Muğla Turkey**

SAĞIR Ç., KURTULUŞ B., ERDEM G., AVŞAR Ö., KURTULUŞ D. F., TUNCA E., LE COZ M., RAZACK M.

AGU Fall Meeting, San-Francisco, Costa Rica, 12 - 16 December 2016