

## Personal Information

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## Education Information

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Turkey 2019 - Continues

Undergraduate, Yildiz Technical University, Faculty Of Civil Engineering, Civil Engineering Department, Turkey 2013 - 2018

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

- I. **Performance comparison of GPM IMERG V07 with its predecessor V06 and its application in extreme precipitation clustering over Türkiye**  
Aksu H., YALDIZ S. G.  
Atmospheric Research, vol.315, 2025 (SCI-Expanded)
- II. **Spatiotemporal variability and trends of droughts in the Mediterranean coastal region of Türkiye**  
Kesgin E., YALDIZ S. G., Güçlü Y. S.  
International Journal of Climatology, vol.44, no.4, pp.1036-1057, 2024 (SCI-Expanded)
- III. **Frequency analysis based on Peaks-Over-Threshold approach for GPM IMERG precipitation product**  
Aksu H., YALDIZ S. G., Taflan G. Y., Akgül M. A.  
Theoretical and Applied Climatology, vol.154, no.1-2, pp.275-289, 2023 (SCI-Expanded)
- IV. **Evaluation of IMERG for GPM satellite-based precipitation products for extreme precipitation indices over Türkiye**  
Aksu H., Taflan G. Y., Yıldız S. G., Akgül M. A.  
ATMOSPHERIC RESEARCH CLOUDS - PRECIPITATION - AEROSOLS - RADIATION - WEATHER MODIFICATION, vol.291, pp.106826-106840, 2023 (SCI-Expanded)
- V. **Spatial and temporal characterization of standard duration-maximum precipitation over Black Sea Region in Turkey**  
Aksu H., ÇETİN M., Aksoy H., YALDIZ S. G., Yildirim I., Keklik G.  
NATURAL HAZARDS, vol.111, pp.2379-2405, 2022 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Development of rainfall intensity-duration-frequency curves under nonstationary conditions**  
Aksu H., Aksoy H., ÇETİN M., YALDIZ S. G., Yildirim I., Alsenjar O.  
Sustainable Water Resources Management, vol.11, no.1, 2025 (ESCI)

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

### **I. Impact of Climate Change on Extreme Precipitation and Flood Flows in the Eastern Black Sea Region-Turkey**

Aksu H., Aksoy H., ÇETİN M., Evrens M., YALDIZ S. G., Alsenjar O., Yildirim I.

1st International conference on Mediterranean Geosciences Union, MedGU 2021, İstanbul, Turkey, 25 - 28

November 2021, pp.257-259

## **Metrics**

Publication: 7

Citation (Scopus): 45

H-Index (Scopus): 3