

## Kişisel Bilgiler

Eposta: vkartal73@siirt.edu.tr

Birimi : HİDROLİK

Dahili : -

## Makaleler (YOKSIS)

- 1 A novel metaheuristic optimization and soft computing techniques for improved hydrological drought forecasting**  
KATIPOĞLU OKAN MERT, ERTUGAY NEŞE, Elshaboury Nehal, AKTÜRK GAYE, KARTAL VEYSİ, Pande Chaitanya B.  
Physics and Chemistry of the Earth, Parts A/B/C, <http://dx.doi.org/10.1016/j.pce.2024.103646>
- 2 Assessing the generalization of forecasting ability of machine learning and probabilistic models for complex climate characteristics**  
Batool Aamina, Ali Zulfiqar, Mohsin Muhammad, Masmoudi Atef, KARTAL VEYSİ, Satti Samina  
Stochastic Environmental Research and Risk Assessment, <http://dx.doi.org/10.1007/s00477-024-02721-3>
- 3 Assessment of drought using different tests and drought indices in Elazığ, Turkey**  
KARTAL VEYSİ  
Water Science & Technology, <http://dx.doi.org/10.2166/wst.2023.315>
- 4 Assessment of meteorological, hydrological and groundwater drought in the Konya closed basin, Türkiye**  
KARTAL VEYSİ, Nones Micheal  
Environmental Earth Sciences, <http://dx.doi.org/10.1007/s12665-024-11587-1>
- 5 Comparison of different techniques in determining groundwater levels trends in Türkiye**  
KARTAL VEYSİ, Nones Michael, TOPÇU EMRE, ARIMAN SEMA  
Hydrological Processes, <http://dx.doi.org/10.1002/hyp.15244>
- 6 Development of Divergence and Interdependence-based Hybrid Weighting Scheme (DIHWS) for accurate assessment of regional drought**  
Mukhtar Alina, Ali Zulfiqar, KARTAL VEYSİ, KARAKOYUN ERKAN, Yousaf Mahrukh, Sammen Saad Sh.  
Theoretical and Applied Climatology, <http://dx.doi.org/10.1007/s00704-024-05018-1>
- 7 Drought Assessment of Yeşilırmak Basin Using Long-term Data**

- 7 **KARTAL VEYSİ**  
Turkish Journal of Science and Technology,<http://dx.doi.org/10.55525/tjst.1392199>
- 8 **Effect of nozzle type on local scour in water jets: An experimental study**  
KARTAL VEYSİ, EMİROĞLU MUHAMMET EMİN  
Elsevier BV,<http://dx.doi.org/10.1016/j.oceaneng.2023.114323>
- 9 **Experimental analysis of combined side weir-gate located on a straight channel**  
KARTAL VEYSİ, EMİROĞLU MUHAMMET EMİN  
Elsevier BV,<http://dx.doi.org/10.1016/j.flowmeasinst.2022.102250>
- 10 **Experimental study of scour morphology from plunging water jets**  
KARTAL VEYSİ, EMİROĞLU MUHAMMET EMİN  
IWA Publishing,<http://dx.doi.org/10.2166/ws.2022.143>
- 11 **Exploring the applicability of the experiment-based ANN and LSTM models for streamflow estimation**  
AKINER MUHAMMED ERNUR, KARTAL VEYSİ, GÜZELER ANIL CAN, KARAKOYUN ERKAN  
Earth Science Informatics,<http://dx.doi.org/10.1007/s12145-024-01332-4>
- 12 **Hydraulic Performance of Sharp-Crested Side Slit Weirs**  
KARTAL VEYSİ, EMİROĞLU MUHAMMET EMİN  
Springer Science and Business Media LLC,<http://dx.doi.org/10.1007/s11269-023-03433-z>
- 13 **Hydrological Drought and Trend Analysis in Kızılırmak, Yeşilirmak and Sakarya Basins**  
KARTAL VEYSİ, EMİROĞLU MUHAMMET EMİN  
Pure and Applied Geophysics,<http://dx.doi.org/10.1007/s00024-024-03499-9>
- 14 **Hydrological Drought Prediction Based on Hybrid Extreme Learning Machine: Wadi Mina Basin Case Study, Algeria**  
Achite Mohammed, KATİPOĞLU OKAN MERT, Jehanzaib Mohammad, Elshaboury Nehal, KARTAL VEYSİ, Ali Shoaib  
MDPI AG,<http://dx.doi.org/10.3390/atmos14091447>
- 15 **Local scour due to water jet from a nozzle with plates**  
KARTAL VEYSİ, EMİROĞLU MUHAMMET EMİN  
Acta Geophysica,<http://dx.doi.org/10.1007/s11600-020-00521-1>
- 16 **Machine learning-based streamflow forecasting using CMIP6 scenarios: Assessing performance and improving hydrological projections and climate change**  
KARTAL VEYSİ  
Hydrological Processes,<http://dx.doi.org/10.1002/hyp.15204>
- 17 **Modeling of discharge capacity of H-weir using experiments, bio-inspired optimization and data preprocess based on SVM**  
KARTAL VEYSİ, EMİROĞLU MUHAMMET EMİN, KATİPOĞLU OKAN MERT  
International Journal of Environmental Science and Technology,<http://dx.doi.org/10.1007/s13762-024-05494-y>

- 18 **Modeling of irrigation water quality parameter (sodium adsorption ratio) using hybrid swarm intelligence-based neural networks in a semi-arid environment at SMBA dam, Algeria**  
Achite Mohammed,KATIPOĞLU OKAN MERT,Elshaboury Nehal,KARTAL VEYSİ,AKTÜRK GAYE,ERTUGAY NEŞE  
Theoretical and Applied Climatology,<http://dx.doi.org/10.1007/s00704-024-05109-z>
- 19 **Numerical simulation of the flow passing through the side weir-gate**  
KARTAL VEYSİ, EMİROĞLU MUHAMMET EMİN  
Flow Measurement and Instrumentation,<http://dx.doi.org/10.1016/j.flowmeasinst.2023.102519>
- 20 **Prediction of monthly evapotranspiration by artificial neural network model development with Levenberg–Marquardt method in Elazığ, Turkey**  
KARTAL VEYSİ  
Environmental Science and Pollution Research,<http://dx.doi.org/10.1007/s11356-024-32464-1>
- 21 **Prediction of scour hole characteristics caused by water jets using metaheuristic artificial bee colony-optimized neural network and pre-processing techniques**  
KARAKOYUN ERKAN, null VEYSİ KARTAL, EMİROĞLU MUHAMMET EMİN, KATIPOĞLU OKAN MERT  
Journal of Hydroinformatics,<http://dx.doi.org/10.2166/hydro.2023.230>
- 22 **Short lead time standard precipitation index forecasting: Extreme learning machine and variational mode decomposition**  
Ladouali Sabrina,KATIPOĞLU OKAN MERT,Bahrami Mehdi,KARTAL VEYSİ,Sakaa Bachir,Elshaboury Nehal,Keblouti Mehdi,Chaffai Hicham,Ali Salem,Pande Chaitanya Baliram,Elbeltagi Ahmed  
Journal of Hydrology: Regional Studies,<http://dx.doi.org/10.1016/j.ejrh.2024.101861>
- 23 **Su Jetlerinde Oyulmanın Karakteristiklerinin Deneysel İncelenmesi**  
KARTAL VEYSİ, EMİROĞLU MUHAMMET EMİN  
Su Kaynakları,<https://dergipark.org.tr/tr/pub/su/issue/61087/875726>
- 24 **YANDAN ALIŞLI DİKDÖRTGEN KAPAĞIN DEŞARJ KAPASİTESİNİN ARAŞTIRILMASI**  
KARTAL VEYSİ, EMİROĞLU MUHAMMET EMİN  
DSİ Teknik Bülteni,

## Bildiriler (YOKSIS)

- 1 **Drought Assessment of Siirt using SPI and SPEI**  
KARTAL VEYSİ  
1st International Conference on Recent Academic Studie , <https://as-proceeding.com/index.php/icras>
- 2 **Drought Evaluation of Elazığ in Turkey using SPI and SPEI**  
KARTAL VEYSİ  
2nd International Conference on Advances and Innovations in Engineering (ICAIE) ,  
<https://www.icaie.org.tr/docs/tam-metinler.pdf?a=1195>
- 3 **Experimental investigation of scour geometry formed due to water jets**  
KARTAL VEYSİ, EMİROĞLU MUHAMMET EMİN  
International Civil Engineering and Architecture Conference (ICEARC'19) ,

**4 Simultaneous Lateral Flow Over Weirs and Under Gates (H- Weirs)**

KARTAL VEYSİ, EMİROĞLU MUHAMMET EMİN

14TH INTERNATIONAL CONFERENCE ON HYDROSCIENCE & ENGINEERING ,  
<https://www.iche2022.org/>

**5 Trend analysis and drought evaluation: A case study of Sirnak**

KARTAL VEYSİ

International Conference on Contemporary Academic Research , <https://as-proceeding.com/index.php/iccar>