

## Asst. Prof. LEVENT LATİFOĞLU

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAM-1392-2021

ScopusID: 56222148400

Yoksis Researcher ID: 300150

### Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Turkey 2009 - 2017

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Turkey 2000 - 2003

Undergraduate, Istanbul Technical University, Turkey 1996 - 2000

### Research Areas

Engineering and Technology

### Academic Titles / Tasks

Assistant Professor, Erciyes University, Mühendislik Fakültesi, İnşaat Mühendisliği , 2019 - Continues

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

- I. **The Performance Analysis of Robust Local Mean Mode Decomposition Method for Forecasting of Hydrological Time Series**  
LATİFOĞLU L.  
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF CIVIL ENGINEERING, 2022 (Peer-Reviewed Journal)
- II. **A novel combined model for prediction of daily precipitation data using instantaneous frequency feature and bidirectional long short time memory networks**  
LATİFOĞLU L.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, 2022 (Peer-Reviewed Journal)
- III. **Modelling of lateral effective stress using the particle swarm optimization with machine learning models**  
UNCUOĞLU E., LATİFOĞLU L., Ozer A. T.  
ARABIAN JOURNAL OF GEOSCIENCES, vol.14, no.22, 2021 (Peer-Reviewed Journal)
- IV. **Importance of hybrid models for forecasting of hydrological variable**  
Latifoglu L., Kisi O., LATİFOĞLU F.  
NEURAL COMPUTING & APPLICATIONS, vol.26, no.7, pp.1669-1680, 2015 (Peer-Reviewed Journal)

**V. Investigation of Empirical Mode Decomposition in Forecasting of Hydrological Time Series**

Kisi O., Latifoglu L., LATİFOĞLU F.

WATER RESOURCES MANAGEMENT, vol.28, no.12, pp.4045-4057, 2014 (Peer-Reviewed Journal)

**Articles Published in Other Journals**

- I. **Application of the novel circulant singular spectrum analysis ensemble model for forecasting of streamflow data**  
Latifoğlu L.  
Arabian Journal of Geosciences volume, vol.15, no.10, pp.1-16, 2023 (Peer-Reviewed Journal)
- II. **A novel approach for prediction of daily streamflow discharge data using correlation based feature selection and random forest method**  
Latifoğlu L.  
INTERNATIONAL ADVANCED RESEARCHES and ENGINEERING JOURNAL, vol.06, no.01, pp.1-7, 2022 (Peer-Reviewed Journal)
- III. **Forecasting Of Stream Flow Using Singular Spectrum Analysis And Long-Short Term Memory Networks**  
LATİFOĞLU L., Nuralan K. B.  
Avrupa Bilim ve Teknoloji Dergisi, pp.376-381, 2020 (Peer-Reviewed Journal)

**Refereed Congress / Symposium Publications in Proceedings**

- I. **Performance Analysis of Principal Component Analysis and Long Short-Term Memory Networks Using Hydrometeorological Variables for Forecasting of Daily Stream-Flow Data**  
Latifoğlu L.  
1st International Conference on Applied Engineering and Natural Sciences, Konya, Turkey, 1 - 03 November 2021, pp.271-276
- II. **HIGH PERFORMANCE PREDICTION OF STREAM FLOW DATA USING EMPIRICAL WAVELET TRANSFORM AND DECISION TREE ALGORITHMS**  
Latifoğlu L.  
CUKUROVA 7th INTERNATIONAL SCIENTIFIC RESEARCHES CONFERENCE, Adana, Turkey, 7 - 08 September 2021, pp.774-783
- III. **FORECASTING OF DAILY STREAMFLOW DATA WITH GATED RECURRENT UNIT, LONG-SHORT-TERM MEMORY NETWORKS AND BIDIRECTIONAL LONG-SHORT-TERM MEMORY NETWORKS**  
Latifoğlu L.  
3. ULUSAL BAŞKENT DİSİPLİNLER ARASI BİLİMSEL ÇALIŞMALAR KONGRESİ, 14 - 15 March 2021, pp.302-310
- IV. **Evaluating Stream Flow Forecasting Performance Using Adaptive Network Based Fuzzy Logic Inference System, Artificial Neural Networks with Feature Selection**  
LATİFOĞLU L.  
IConTES 2020: International Conference on Technology, Engineering and Science, 29 November - 01 December 2020
- V. **Kızılırmak Yamula Barajı Rezervuarında Sediment Dağılımının HEC-6 ile İncelenmesi**  
ARDIÇLIOĞLU M., Latifoğlu L.  
XVII. Teknik Kongre ve Sergisi, İstanbul, Turkey, 1 - 04 December 2004
- VI. **The Modelling Of Kızılırmak-Yamula Station Sediment Movement With Hec-6**  
Latifoğlu L., ARDIÇLIOĞLU M.  
2nd FAE International Symposium, Cyprus (Kktc), 1 - 04 September 2002

## Supported Projects

ARDIÇLIOĞLU M., KIZIL Y., LATİFOĞLU L., ÖZDİN S., Project Supported by Higher Education Institutions, DOĞAL AKARSULARDA AKIM ÖZELLİKLERİNİN ENTROPİ YÖNTEMİ İLE BELİRLENMESİ, 2009 - 2011

## Metrics

Publication: 14

Citation (WoS): 72

Citation (Scopus): 44

H-Index (WoS): 2

H-Index (Scopus): 2