

ÖZGEÇMİŞ

1. Adı Soyadı : ALİ DANANDEH MEHR

İletişim Bilgileri

Adres : Antalya Bilim Üniversitesi, İnşaat Mühendisliği Bölümü, Antalya,
Türkiye,
Telefon : +90 242 245 0361
E-Mail : ali.danandeh@antalya.edu.tr

2. Doğum Tarihi : 08.09.1979

3. Unvanı : Yrd. Döç. Dr.

4. Öğrenim Durumu :

Derece	Alan	Üniversite	Yıl
Lisans	İnşaat Mühendisliği	Tebriz Azad Üniversitesi, Tebriz, İran	2001
Yüksek Lisans	İnşaat Mühendisliği	Power and Water University of Technology (PWUT), Tahran, İran	2005
Doktora	İnşaat Mühendisliği	İstanbul Teknik Üniversitesi	2016 (Mayıs)
Postdoc	İnşaat Mühendisliği	Tebriz Üniversitesi, Tebriz, İran	2017 (Temmuz)

5. Akademik Unvanlar

2017 (Aralık- Devam) **Yrd. Döç. Dr.**, İnşaat Mühendisliği Bölümü
Antalya Bilim Üniversitesi, Antalya, Turkey

2017 (Şubat- Devam) **Yrd. Döç. Dr.**, İnşaat Mühendisliği Bölümü
Yakın Doğu Üniversitesi, Lefkoşa, KKTC

2016 -2017 **Öğretim Görevlisi Dr.**, Gemi Makineleri İşletme Mühendisliği Bölümü
İstanbul Teknik Üniversitesi-Kuzey Kıbrıs Kampüsü, Famagusta, KKTC

2014-2016 **Araştırma Görevlisi**, Gemi Makinelei İşletme Mühendisliği Bölümü
İstanbul Teknik Üniversitesi, İTÜ Kuzey Kıbrıs Kampüsü, Famagusta, KKTC

6. Yönetilen Yüksek Lisans ve Doktora Tezleri

6.1. Yüksek Lisans Tezleri

- 1) Frsat Abdullah Ababakr (YDÜ-tez aşamasında), Appropriateness of different distribution models for flood frequency analysis: a case study in Iraq.
- 2) Galala J.S. DZAIY (YDÜ-tez aşamasında), Streamflow prediction using ANN and ANFIS models: a case study in Iraq.
- 3) Sinan J.H. ALDOORI (YDÜ-tez aşamasında), Drought analysis and forecasting in ANKARA. <Eş danışmanlığı>

6.2. Doktora Tezleri

- 1) Aidin Rahmani (Islamic Azad Univ., İran-tez aşamasında), Climate changes impact on floodway: a case study on Shahrchi River<Eş danışmanlığı>

7. Yayınlar

7.1. Uluslararası hakemli dergilerde yayınlanan makaleler (SCI)

13. **Danandeh Mehr, A.**, Nourani, V., Hrnjica B. and Molajou A. (2017). *A binary genetic programming model for teleconnection identification between global sea surface temperature and local maximum monthly rainfall events*. Journal of Hydrology, 555, 397-506.
12. Yaseen, Z. M., Ebtahaj, I., Bonakdari, H., Deo, R. C., **Danandeh Mehr, A.**, Mohtar, W. H. M. W., ... & Singh, V. P. (2017). *Novel approach for streamflow forecasting using a hybrid ANFIS-FFA model*. Journal of Hydrology, 554, 263-276.
11. **Danandeh Mehr, A.** and Kahya, E. (2017). *A Pareto-optimal moving average multigene genetic programming model for daily streamflow prediction*. Journal of Hydrology, 549, 603-615.
10. **Danandeh Mehr, A.** and Nourani, V. (2017). *Pareto-optimal moving average-multigene genetic programming model for rainfall-runoff modelling*. Environmental Modelling and Software, 92: 239-251.
9. **Danandeh Mehr, A.** and Kahya, E. (2017). *Climate change impacts on catchment-scale extreme rainfall variability: Case Study of Rize Province, Turkey*. Journal of Hydrologic Engineering, 22(3), 05016037, 10.1061/(ASCE)HE.1943-5584.0001477.
8. Olyaie, E. Zare Abyaneh, H. and **Danandeh Mehr, A.** (2017). *A comparative analysis among computational intelligence techniques for dissolved oxygen prediction in Delaware River*. Geoscience Frontiers 8, 517-527.
7. **Danandeh Mehr, A.** and Kahya, E. (2017). *Grid-based performance evaluation of GCM-RCM combinations for rainfall reproduction*. Theoretical and Applied Climatology 129 (1): 47-57.
6. **Danandeh Mehr, A.**, Kahya E., Şahin, A. and Nazemosadat M.J. (2015) *Successive-station monthly streamflow prediction using different ANN algorithms*. International Journal of Environmental Science and Technology, 12 (7): 2191-2200.
5. **Danandeh Mehr, A.**, Kahya, E. and Özger M. (2014). *A gene-wavelet model for long lead-time drought forecasting*. Journal of Hydrology 517, 691-699.
4. **Danandeh Mehr, A.**, Kahya, E. and Yerdelen, C. (2014). *Linear genetic programming application for successive-station monthly streamflow prediction*. Computers & Geosciences 70, 63-72.
3. Uyumaz, A., **Danandeh Mehr A.**, Kahya E. and Erdem H. (2014) *Rectangular side weirs discharge coefficient estimation in circular channels using linear genetic programming approach*. Journal of Hydroinformatics 16(6), 1318-1330.
2. **Danandeh Mehr, A.**, Kahya, E., Bagheri, F. and Deliktas E. (2014) *Successive-station monthly streamflow prediction using neuro-wavelet technique*. Earth Science Informatics 7, 217-229.
1. **Danandeh Mehr, A.**, Kahya E. and Olyaie E. (2013) *Streamflow prediction using linear genetic programming in comparison with a neuro-wavelet technique*. Journal of Hydrology, 505:240–249.

7.2. Uluslararası diğer hakemli dergilerde yayınlanan makaleler

1. **Danandeh Mehr, A.** and Demirel, M.C. (2016). *On the calibration of multi-gene genetic programming to simulate low flows in the Moselle River*. Uludağ University Journal of the Faculty of Engineering 21 (2), 365-376.

7.3. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında (Proceedings) basılan bildiriler

13. **Danandeh Mehr, A.** and M. J. S. Safari, 2017. *Application of soft computing techniques for sediment transport modelling in sewers*. 9th International Conference on Theory and Application of Soft Computing, Computing with Words and Perception, 22-23 August 2017, Budapest, Hungary.
12. **Danandeh Mehr, A.**, Nourani, V and B. Hrnjica, 2017. *A comparative study between monolithic and multigene genetic programming for monthly rainfall modelling*. 9th International Conference on Theory and Application of

Soft Computing, Computing with Words and Perception, 22-23 August 2017, Budapest, Hungary.

11. Kahya, E., **A. Danandeh Mehr**, Şen, O., Akçakay. A and M. Özger, 2016. A comparative study on the current and future design storms over Rize province, Turkey. 12th International Congress on Advances in Civil Engineering (ACE 2016), Istanbul, Turkey.

10. Kahya, E., **A. Danandeh Mehr**, D. Şen, O. and M. Özger, 2015. Climate Change Impacts on Extreme Rainfalls over Rize Province, Turkey. 10th International Congress on Civil Engineering, 5-7 May 2015 University of Tabriz, Tabriz, Iran.

9. Kahya, E., **A. Danandeh Mehr**, D. Bozkurt, M. Özger and D.Z. Şeker, 2014. Evaluation of the Performance of GCMs Driven RCM Outputs for Rainfall Prediction over Rize Catchment. 11th International Congress on Advances in Civil Engineering (ACE 2014), Istanbul, Turkey.

8. Uyumaz, A., **A. Danandeh Mehr**, and O. Şen, 2013. "River Morphology and Fluvial Processes". Bursa 3rd International Congress on Water. pp., 1094-1099., 22-24, Bursa, Turkey.

7. Taiebipour, M. and **A. Danandeh Mehr**. 2011, "Integrated Flood Plain Management Strategy for Kor River Basin In Iran". Abstract of the paper accepted to be presented at the 5th International Conference on Flood Management (ICFM5), Tokyo, Japan, 27-29 September 2011.

6. **Danandeh Mehr, A.** Jafari, G. Soltani, Sh. and M. Mohammadpour. 2011, "Iran's National Plan for River Training And Flood Fringe Determination". Abstract of the paper accepted to be presented at the International Conference on the Status and Future of the World's Large Rivers, Vienna. Austria. April 2011.

5. Sedighi K. **Danandeh Mehr A.**, and Zarghami M. 2011, "Flood Fringe Determination Based On Multi Criteria Weighting Method, Case Study: Ajichai River". Proceedings of 9th International Iranian civil engineering Congress, Isfahan University of Technology, Isfahan, Iran, (in Farsi).

4. **Danandeh Mehr, A.** Sarraf, B. S. and M. R. M. Tabatabai. 2010, "Genetic Programming Application in Stream Flow and Sediment Prediction". Proceedings of 10th Symposium on Stochastic Hydraulics & Fifth International Conference on Water Resources and Environment Research, Quebec City, Canada, 5th - 7th of July 2010

3. Jafari G. Norouzi S. and **A. Danandeh Mehr**. 2010, "Field Investigation about Performance of Constructed Groins in Ghezeloan River". Proceedings of 8th International River engineering Conference, Shahid Chamran University, Ahvaz, Iran, 26-28 Jan, 2010 (in Farsi).

2. **Danandeh Mehr, A.** 2007, "Flood Control System Optimization Based on Risk Analysis in Floodplain". Proceedings of 7th International River engineering Conference, Shahid Chamran University, Ahvaz, Iran, 13-14 Feb, 2007

1. **Danandeh Mehr, A.**, M. M. Vanolia and M. R. M. Tabatabai. 2006. "Benefit-cost Analysis Was Applied to Provide an Explicit Economical Basis for Developing Integrated Floodplain Management Plans" Proceedings of 2nd International Conference on Hydrology and Watershed Management, JNTU, Hyderabad, INDIA 5th – 8th Des.

7.4. Yazılan uluslararası kitaplar veya kitaplarda bölümler

7.5. Ulusal hakemli dergilerde yayınlanan makaleler

3. Imanshoar, F. Hassanzadeh Y., Alami, M.T. and **Danandeh Mehr, A** (2013) *Uncertainty analysis for determining density of deposits in dams' reservoirs*. Water and soil Science (Agricultural Science); 23(1):27-37.

2. **Danandeh Mehr, A.** and Tabatabai, M. R. M (2010) *Prediction of daily discharge trend of river flow based on genetic programming*. Journal of water and soil (Agricultural Science and Technology); 24(2): 325-333.

1. **Danandeh Mehr, A.** Oliaei, E. and Ghorbani M.A (2010) *Suspended sediment load prediction based on river discharge and genetic programming method*. Watershed Management Research (Pajouhesh-va-Sazandegi); 23(3(88)):44-54.

7.6. Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

14. Özger, M., **A. Danandeh Mehr**, and E. Kahya, 2013. Bulanık Mantıkla Taşkın Risk Yönetimi: İran Mehranrood Nehri Örneği. Taşkın ve Heyelan Sempozyumu, 325-336.Trabzon, Türkiye.
13. **Danandeh Mehr, A.** and F. Imanshoar. 2013, “RESCDAM Method Application For Estimating Loss Of Life Caused By Dam Break (Case Study: Shahid Madani Dam, Iran)”. Proceedings of 5th national conference on Iran water resources management, Power and Water University of Technology, Tehran, Iran, February 2011.
12. **Danandeh Mehr, A.** Salimi, M., and Sh. Soltani. 2011, “Performance Evaluation of DLSRS Model In Quantitative Fringe Determination of Mountainous Rivers, Case Study, the Province Of Khorasan E Razavi”. Proceedings of 2nd Iranian national conference on applied researches in water resources, Ministry of Energy, Zanjan, Iran, 18th - 19th May 2011.
11. **Danandeh Mehr, A.** Jafari, G. and Sh. Soltani. 2011, “Investigation on Managerial and Legal Challenges in qualitative protection of Rivers”. Proceedings of Iranian national water congress with focus on clean water, Power and Water University of Technology, Tehran, Iran, 2nd – 3rd March 2011.
10. **Danandeh Mehr, A.** and Sh. Soltani. 2011, “Introducing and Evaluation of Iran's National Policy for Quantitative Protection of Rivers in Iran”. Proceedings of 4th Iran water resources management Conference, Amirkabir University of technology, Tehran, Iran, 3th - 4th May 2011.
9. Yaghoobi, A. **Danandeh Mehr, A.** and M. M. Vanolia. 2010, “Investigation of the Effect of Tidal Flows on the Floodway and Floodway Fringe Determination of Coastal Rivers”. Proceedings of 1st Iranian national congress on costal water resources management, Sari Agricultural Sciences and Natural Resources University, Sari, Iran, 8th - 9th Dec, 2010.
8. **Danandeh Mehr, A.** and Sh. Soltani. 2009. “Application of Artificial Intelligence on Daily Discharge Prediction”. Proceedings of 8th Iranian hydraulic Conference, Tehran University, Tehran, Iran, 14th - 15th Dec. 2009.
7. Jahangir, I. and **A. Danandeh Mehr** 2007 “Flood Damage Predicting before Flood Event”. Invited speaker, Runoff and urban floods management workshop. Shiraz, Iran. 16th-17th Oct.
6. **Danandeh Mehr, A.** 2007, “HEC-HMS Application on Kor River Floods Routing on Mollasadra Dam”. Proceedings of 1th hydraulic models in water engineering conference, Islamic Azad University, Marvdasht branch, Marvdasht, Iran, 2007
5. **Danandeh Mehr, A.,** M. M. Vanolia and M. R. M. Tabatabai. 2005. “Flood Control Structures Optimization in Urban Catchments”. Proceedings of 5th Iranian hydraulic conference, Shahid Bahonar University of Kerman, Kerman, Iran, 8th - 10th Nov.
4. **Danandeh Mehr, A.** Shishegar, M. and E. Malekabaslou. 2005. “Application of HEC-HMS in Flood Control of Tabriz River”. Proceedings of 12th Students conference on civil engineering, Iran University of Science and Technology, Tehran, Iran, 21st - 23rd Dec.
3. **Danandeh Mehr, A.** 2004, “A Comparison of Structural Methods Used for the Control of Urban Floods and Selection of Optimal Structure”. Proceedings of 11th students’ conference on civil engineering, Hormozgan University, Bandar Abbas, Iran.
2. **Danandeh Mehr, A.** 2003. “HEC-RAS Application in Flood Damages Measurement”. Proceedings of 4th Students seminar on civil engineering, Power and Water University of technology, Tehran, Iran, 2003
1. **Danandeh Mehr, A.** 2003. “Evaluation and Measurement of Flood Damages”. Proceedings of 10th Civil Engineering Students Conference, Amir Kabir University of technology, Tehran, Iran, 21st - 23rd Oct. 2003

7.7. Diğer yayınlar

Tezler

2. **Danandeh Mehr, A.**, 2016: “*Climate change impacts on catchment-scale extreme rainfall variability*” Doktora tezi, İstanbul Teknik Üniversitesi (İTÜ), İstanbul, Türkiye.

1. **Danandeh Mehr, A.**, 2005: “*Optimization of Flood Control Structures in Urban Catchments*” Yüksek Lisans Tezi (Farsça), Power and Water University of Technology, Tehran, Iran.

Ulusal Kitap

6. Nourani, V. & **A. Danandeh Mehr.** 2011. “*Advanced Mathematics for Civil Engineers*”. Javedankherad Publishers, ISBN 978 964 6030 75 6. (Farsça)

5. Niksefat, GH. R. & **A. Danandeh Mehr.** 2010. “*Principles of River Engineering*”. Tehran Dibagran artistic and cultural institute, ISBN 978 964 354 996 1. (Farsça)

4. **Danandeh Mehr. A.** 2011. “*Hydraulics*”. Tehran Dibagran artistic and cultural institute, First edition 2008. ISBN 978 964 354 924 4. (Republished in 2014) (Farsça)

3. **Danandeh Mehr. A.** 2005, “*Mechanics of Fluids and Open Channel Hydraulics (Test Book)*”. Published by Tehran Dibagran artistic and cultural institute, 2005, ISBN 964 354 631 4. (Farsça)

2. Mousavi Nadushani. S. and **A. Danandeh Mehr** “*Hydrologic Modelling System (HEC-HMS)*”. 2005, published by Tehran Dibagran artistic and cultural institute, 2005, ISBN 964 354 554 7. (Farsça)

1. Vafaipoor, R. & **A. Danandeh Mehr.** 2003, “*Fluid Mechanics–Teaching and Testing*”. Published by Elmiran, 2003, ISBN 964 6531 30 X. (Republished in 2005, 2006 and 2008) (Farsça)

Diğer

2. **Danandeh Mehr, A.** Jafari G. and Soltani, Sh. (2010) *Quantitative floodway fringe determination of rivers via multiple attribute decision making and subjective rating methods*. Research Bulletin pp. 90-95. Iran Water Resource Management Company. Iran.

1. **Danandeh Mehr, A.**, Jaidari Sh. and Soltani, Sh (2009) *Impact of Mollasadra Dam on Kor River floods*. *Magazine of Payam e niroo* (170) 64-69. Ministry of Energy. Iran.

8. Projeler

8.1. Araştırma Projeleri:

2. Kahya, E. Özger, M., **Danandeh Mehr, A.** ve diğ., 2012-2015: Rize il sınırlarında bulunan su havzalarının taşkın risk tayini: İklim ve hidrolojik modellere göre mevcut ve gelecekteki durum, ÇAYDAG 112Y204 nolu TÜBİTAK Projesi.

1. Aidi, Z., **Danandeh Mehr, A.** Darvishi E. Niksokhan MH. 2012-2013. Development of DLSRS model for flood fringe determination using regional estimation of 25-year discharge. RIV6-90061 nolu İran Devlet Su İşleri Projesi.

8.2. Proje/Teknik Raporlar:

2. AKSA Kıyı Kirliliği Risk Analizi. İTÜ-KKTC AR-GE Projesi Teknik Rapor (2016)

1. Giresun Aksu Nehri Taşkın Analizi. İTÜ AR-GE Projesi Teknik Raporu (2014)

9. İdari Görevler

2017 (Şubat-
Eylül)

Bölüm Başkan Yrd.,
İnşaat Mühendisliği Bölümü, Yakın Doğu Üniversitesi, Lefköşe, KKTC.

2014-2017	Yapı ve Teknik İşler Müdürü İstanbul Teknik Üniversitesi, İTÜ Kuzey Kıbrıs Kampüsü, Famagusta, KKTC.
2011-2012	Öğretim Görevlisi , Sürekli Eğitim Merkezi Power and Water University of Technology (PWUT), Tahran, İran
2010-2011	Öğretim Görevlisi , İnşaat Mühendisliği Bölümü Aghahan-Niroo Meslek yüksekokulu. Tahran, İran
2009-2012	Akarsu Mühendisi , Akarsular ve kıyı Mühendisliği Bölümü Devlet Su İşleri Genel Müdürlüğü, Tahran, İran
2005-2006	Öğretim görevlisi , İnşaat Önlisans Bölümü Islamic Azad University – SAMA College, Tebriz, İran
2003-2004	Öğretim Asistanı , Su Mühendisliği Bölümü Power and Water University of Technology (PWUT), Tahran, İran

10. Bilimsel Kuruluşlara Üyelikleri

11. Ödüller

2018	Publons Peer Review ödülü (2017)
2017	En başarılı doktora tezi ödülü (2016) İstanbul Teknik Üniversitesi
2010	Sel yatağı saçak belirleme süreci patenti Şirketler ve Endüstri Mülkiyet Tescil Genel Dairesi, İran
2004	En başarılı bildiri ödülü 11. İnşaat Mühendisliği Örençileri konferansında 3. rank, İran

12. Son iki yılda verdiği lisans ve lisansüstü düzeyindeki dersler

Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati		Öğrenci Sayısı
			Teorik	Uygulama	
2016-2017	Güz	Akışkanlar Mekaniği	4	1	50
2016-2017	İlkbahar	Akışkanlar Mekaniği	4		30
2016-2017	İlkbahar	Fluid Mechanics	4		106
2016-2017	İlkbahar	Water Resources Eng. I	4		47
2016-2017	Yaz	Bitirme projesi	4		19
2017-2018	Güz	Fluid Mechanics	4	1	39
2017-2018	Güz	Case studies in Civil Eng.	4		105
2017-2018	Güz	Special Problems in Hydrology (MSc)	3		12
2017-2018	Güz	Special Problems in Hydraulics (PhD)	3		3
2017-2018	İlkbahar	Fluid Mechanics	4	1	10
2017-2018	İlkbahar	Hydraulic Engineering	4		30
2017-2018	İlkbahar	Environmental Engineering	4		100
2017-2018	İlkbahar	Hydrology	4		10