

## Personal Information

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## Education Information

Doctorate, Bogazici University, Institute Of Science, Endüstri Mühendisliği, Turkey 2014 - 2019

Post Graduate, Boğaziçi Üniversitesi, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği, Turkey 2011 - 2014

Under Graduate, Yıldız Teknik Üniversitesi, Department of Industry Engineering, Industry Engineering, Turkey 2008 - 2011

## Research Areas

Industrial Engineering , Simulation, System Dynamics, Engineering and Technology

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Exploring the behavior space of agent-based simulation models using random forest metamodels and sequential sampling**  
Edali M., Yucel G.  
SIMULATION MODELLING PRACTICE AND THEORY, vol.92, pp.62-81, 2019 (Journal Indexed in SCI)
- **Classification of generic system dynamics model outputs via supervised time series pattern discovery**  
Edali M., Baydogan M. G. , Yucel G.  
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.27, pp.832-846, 2019 (Journal Indexed in SCI)
- **Automated Analysis of Regularities Between Model Parameters and Output Using Support Vector Regression in Conjunction with Decision Trees**  
EDALI M., Yucel G.  
JASSS-THE JOURNAL OF ARTIFICIAL SOCIETIES AND SOCIAL SIMULATION, vol.21, 2018 (Journal Indexed in SSCI)
- **Results of a Beer Game Experiment: Should a Manager Always Behave According to the Book?**  
Edali M., Yasarcan H.  
COMPLEXITY, vol.21, pp.190-199, 2016 (Journal Indexed in SCI)
- **A Mathematical Model of the Beer Game**  
Edali M., Yasarcan H.  
JASSS-THE JOURNAL OF ARTIFICIAL SOCIETIES AND SOCIAL SIMULATION, vol.17, 2014 (Journal Indexed in SSCI)

## Refereed Congress / Symposium Publications in Proceedings

- **Efficient Parameter Exploration and Behavior Mapping for System Dynamics Models**  
Görgülü B., Yücel G., EDALI M.  
36th International Conference of the System Dynamics Society, Reykjavik, Iceland, 07 August 2018, pp.1
- **A Comparative Analysis of Alternative Designs for Automated Clustering SD Model Output**  
Yücel G., EDALI M.  
36th International Conference of the System Dynamics Society, Reykjavik, Iceland, 07 August 2018, pp.1
- **Classification of Fundamental System Dynamics Model Outputs**  
EDALI M., Baydoğan M. G. , Yücel G.

36th International Conference of the System Dynamics Society, Reykjavik, Iceland, 07 August 2018, pp.1

- **An Active Learning-Based Metamodeling Technique for Agent-Based Simulation Models**

Edalı M., Yücel G.

13th Balkan Conference on Operational Research, Belgrade, Serbia And Montenegro, 25 - 28 May 2018, pp.54

- **Comparative Analysis Of Metamodeling Techniques Based On An Agent-Based Supply Chain Model**

EDALI M., Yücel G.

32nd European Conference on Modelling and Simulation, Wilhelmshaven, Germany, 22 May 2018, pp.114-120

- **Etmten-Tabanlı Benzetime Yönelik Metamodelleme Tekniklerinin Bir Tedarik Zinciri Modeli Üzerinde Karşılaştırılması**

EDALI M., Yücel G.

Yöneyem Araştırması ve Endüstri Mühendisliği (YAEM) 37. Ulusal Kongresi, İstanbul, Turkey, 05 July 2017, pp.71

- **Sistem Dinamiği Model Çıktılarının Sınıflandırılması**

EDALI M., Baydoğan M. G. , Yücel G.

Yöneyem Araştırması ve Endüstri Mühendisliği (YAEM) 36. Ulusal Kongresi., İzmir, Turkey, 13 July 2016, pp.57-58

- **Salınım Tipi Davranış İçeren Sistem Dinamiği Model Çıktılarının Otomatikleştirilmiş Öbeklemesi**

EDALI M., Yücel G.

Yöneyem Araştırması ve Endüstri Mühendisliği (YAEM) 35. Ulusal Kongresi, Ankara, Turkey, 09 September 2015, pp.1-2

- **Results of a Beer Game Experiment: Should a Manager Always Behave According to the Book?**

Edalı M., Yaşarcan H.

33rd International Conference of the System Dynamics Society, Massachusetts, United States Of America, 19 - 23 July 2015, pp.1

- **The Effect of Semi-Rational Supply Chain Members on the Decision Parameters Used in Managing the Stock of an Echelon**

EDALI M., Yasarcan H.

32nd International Conference of the System Dynamics Society, Delft, Netherlands, 20 July 2014, pp.1-12

## Supported Projects

EDALI M., Project Supported by Higher Education Institutions, Designing Effective Metamodeling and Input Sampling Techniques for Agent-based Simulation Models, 2017 - 2018

## Citations

Total Citations (WOS):14

h-index (WOS):3