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International Researcher IDs

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Biography

Ayşe Ayçım Selam is a lecturer in the Industrial Engineering Department of Marmara University. She holds a BSc. degree in Mechanical Engineering, and a MSc. in Engineering Management from Istanbul Technical University, and a PhD. degree in Industrial Engineering from Marmara University. Her main research areas include bee colony optimization, project scheduling, sustainable project management, renewable energy, and sustainable energy.

Education Information

Doctorate, Marmara University, Faculty of Engineering, Industrial Engineering, Turkey 2004 - 2011

Undergraduate, Istanbul Technical University, Makine Fakültesi, Makine Mühendisliği Bölümü, Turkey 1996 - 2000

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Project scheduling using bee colony optimization, Marmara Üniversitesi, Faculty of Engineering, Industrial Engineering, 2011

Research Areas

Industrial Engineering

Academic Titles / Tasks

Research Assistant, Marmara University, Faculty of Engineering, Industrial Engineering, 2006 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Bees Algorithm for multi-mode, resource-constrained project scheduling in molding industry**
ÖZTEMEL E., SELAM A. A.
COMPUTERS & INDUSTRIAL ENGINEERING, vol.112, pp.187-196, 2017 (SCI-Expanded)
- II. **A Comparative Analysis of Renewable Energy Use and Policies: Global and Turkish Perspectives**
Akan M. Ö., Selam A. A., Firat S. Ü., Kara M., Özel S.
SUSTAINABILITY, vol.7, pp.16379-16407, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **Assessment of Social Sustainability Using Social Society Index: A Clustering Application**
Akan M. Ö., SELAM A. A.
EUROPEAN JOURNAL OF SUSTAINABLE DEVELOPMENT, vol.7, no.1, pp.412-422, 2018 (ESCI)
- II. **A Comparative Study on the Relations among Sustainability Focused Indexes with REC, CO2, and GDP**
Durmuşoğlu B., SELAM A. A., FIRAT S. Ü.
American Scientific Research Journal for Engineering, Technology, and Sciences, vol.1, pp.81-94, 2017 (Peer-Reviewed Journal)
- III. **"A Comparative Study on the Relations among Sustainability Focused Indexes with REC, CO2, and GDP".**
SELAM A. A., Durmuşoğlu B., FIRAT S. Ü.
American Scientific Research Journal for Engineering, Technology, and Sciences (ASRJETS), vol.34, pp.81-94, 2017 (Peer-Reviewed Journal)
- IV. **YENİLENEBİLİR ENERJİ KULLANIMI AÇISINDAN TÜRKİYE NİN OECD ÜLKELERİ ARASINDAKİ YERİ**
Selam A. A., Özel S., Arıoğlu Akan M. Ö.
Dumlupınar Üniversitesi Sosyal Bilimler Dergisi, vol.0, no.0, pp.317-334, 2014 (Peer-Reviewed Journal)
- V. **Turkey's Position Among the OECD Countries Within the Context of Renewable Energy Utilization**
SELAM A. A., ÖZEL S., ARIOĞLU AKAN M. Ö.
Dumlupınar University Journal of Social Sciences, 2014 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Renewable Energy Sources: Comparison of Their Use and Respective Policies on a Global Scale**
ARIOĞLU AKAN M. Ö., SELAM A. A., FIRAT S. Ü.
in: Sustainable Development: Concepts, Methodologies, Tools, and Applications, , Editor, IGI, pp.537-568, 2018
- II. **Application and Evaluation of Bee-Based Algorithms in Scheduling: A Case Study on Project Scheduling**
SELAM A. A., ÖZTEMEL E.
in: Handbook of Research on Applied Optimization Methodologies in Manufacturing Systems,, Omer FARUK Yılmaz, Süleyman Tüfekçi, Editor, IGI Global, Hersey, PA, pp.20-42, 2017
- III. **Application and Evaluation of Bee-Based Algorithms in Scheduling: A Case Study on Project Scheduling**
SELAM A. A., ÖZTEMEL E.
in: Handbook of Research on Applied Optimization Methodologies in Manufacturing Systems, Ömer Faruk Yılmaz, Süleyman Tüfekçi, Editor, IGI Global, Hershey PA, pp.20-42, 2017
- IV. **Prediction of Renewable Energy Consumption in Turkey Using Artificial Neural Networks**
SELAM A. A., ATALAY A. K., ARIOĞLU AKAN M. Ö.
in: Engineering Approaches on Sustainability, Zehra Semra Can; Barış Yılmaz; Seval Genç; Candemir Seçkin, Editor, IJOPEC Publication, London, pp.33-43, 2016
- V. **Prediction of Renewable Energy Consumption in Turkey Using Artificial Neural Networks**
SELAM A. A., ATALAY A. K., ARIOĞLU AKAN M. Ö.
in: Engineering Approaches on Sustainability, Zehra Semra Can; Barış Yılmaz; Seval Genç; Candemir Seçkin, Editor,

IJOPEC Publication, London, pp.33-43, 2016

- VI. **Renewable Energy Sources: Comparison of Their Use and Respective Policies on a Global Scale**
ARIOĞLU AKAN M. Ö., SELAM A. A., FIRAT S. Ü.
in: Handbook of Research on Green Economic Development Initiatives and Strategies, M. Mustafa Erdoğan, Thankom Arun, Imran Habib Ahmad, Editor, IGI Global, Hershey, PA, pp.238-269, 2016
- VII. **Renewable Energy Sources: Comparison of their Use and Respective Policies on a Global Scale**
ARIOĞLU AKAN M. Ö., SELAM A. A., FIRAT S. Ü.
in: Handbook of Research on Green Economic Development Initiatives and Strategies, M. Mustafa Erdoğan, Thankom Arun, Imran Habib Ahmad, Editor, IGI Global, Hershey, PA, pp.238-269, 2016

Refereed Congress / Symposium Publications in Proceedings

- I. **Assessment of Social Sustainability Using Social Society Index: A Clustering Application**
ARIOĞLU AKAN M. Ö., SELAM A. A.
5th International Conference on Sustainable Development, Roma, Italy, 6 - 07 September 2017
- II. **Prediction of Renewable Energy Consumption in Turkey Using Artificial Neural Networks**
SELAM A. A., ATALAY A. K., ARIÖĞLU AKAN M. Ö.
1. International Sustainability Congress 2016, 1 - 03 December 2016
- III. **A Descriptive Analysis of Renewable Energy Use for World Countries**
Firat S. Ü., Özel S., Er Kara M., Arioğlu Akan M. Ö., Selam A. A.
16th International Conference of the Global Academy of Business & Economic Research, New-York, United States Of America, 7 - 08 May 2015
- IV. **A Descriptive Analysis of Renewable Energy Use for World Countries**
Firat S. Ü., Özel S., Er Kara M., Arioğlu Akan M. Ö., Selam A. A.
The 16th International Conference Of The Global Academy Of Business & Economic Research, New-York, United States Of America, 7 - 08 May 2015
- V. **A Review on Social Sustainability and Corporate Social Responsibility**
ARIOĞLU AKAN M. Ö., SELAM A. A.
ICOVACS2015, International Conference on Value Chain Sustainability, 12 - 13 March 2015
- VI. **Sustainable Project Management and Sustainability Focused Projects A Brief Summary**
SELAM A. A., ARIÖĞLU AKAN M. Ö.
ICOVACS2015, International Conference on Value Chain Sustainability, 12 - 13 March 2015
- VII. **An Evaluation of Renewable Energy Indicators Within the Sustainability Framework**
Selam A. A., Arioğlu Akan M. Ö., Firat S. Ü., Özel S., Er Kara M.
The IAFOR North American Conference on Sustainability, Energy and the Environment, Rhode-Island, United States Of America, 11 - 14 September 2014
- VIII. **Renewable Energy Policies A Comparison of Global and Turkish Perspectives**
Arioğlu Akan M. Ö., Selam A. A., Firat S. Ü., Er Kara M., Özel S.
The IAFOR North American Conference on Sustainability, Energy and the Environment, Rhode-Island, United States Of America, 11 - 14 September 2014
- IX. **An Evaluation of Renewable Energy Indicators Within the Sustainability Framework**
Selam A. A., Arioğlu Akan M. Ö., Firat S. Ü., Özel S., Er Kara M.
The IAFOR North American Conference on Sustainability, Energy and the Environment, New-York, United States Of America, 11 - 14 September 2014
- X. **Üretim Araştırmaları Sempozyumları Üzerine Kronolojik Bir Çalışma Bildiri Profilleri ve Trendleri**
Firat S. Ü., Selam A. A., Kılıç H. S., Arioğlu Akan M. Ö., Ayhan M. B., Özel S.
ÜAS'13 - 13. Üretim Araştırmaları Sempozyumu, Sakarya, Turkey, 25 - 27 September 2013, vol.2, pp.731-750
- XI. **Turkey's Position Among the OECD Countries Within the Context of Renewable Energy Utilization**
SELAM A. A., ÖZEL S., ARIÖĞLU AKAN M. Ö.
XIVth International Symposium on Econometrics, Operations Research and Statistics, 24 - 28 May 2013

XII. Sustainable Supply Chain Management: A Literature Review

ARIOĞLU AKAN M. Ö., SELAM A. A., VAYVAY Ö.

ICOVACS 2010 - International Conference on Value Chain Sustainability, 15 - 17 November 2010

XIII. Project scheduling using bee colony optimization

ÖZTEMEL E., SELAM A. A.

7th international symposium on intelligent manufacturing systems, Sarayova, Bosnia And Herzegovina, 15 - 17 September 2010

Metrics

Publication: 28

Citation (WoS): 34

Citation (Scopus): 38

H-Index (WoS): 3

H-Index (Scopus): 2

Non Academic Experience

Karel Kalıp A.Ş.

Motosan A.Ş.