

Personal Information

Email: egokalp@metu.edu.tr

Web: <https://avesis.metu.edu.tr/egokalp>

International Researcher IDs

ScholarID: iDmoPK8AAAAJ

ORCID: 0000-0002-4030-2447

Publons / Web Of Science ResearcherID: S-5921-2016

Yoksis Researcher ID: 163552

Research Areas

Management Information Systems, Informatics, Software Management, Information Technologies

Academic Titles / Tasks

Assistant Professor, Hacettepe University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2021 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Blockchain-Based Supply Chain Management: Understanding the Determinants of Adoption in the Context of Organizations**
Gokalp E., Gökarp M. O., Coban S.
INFORMATION SYSTEMS MANAGEMENT, vol.39, no.2, pp.100-121, 2022 (SCI-Expanded)
- II. **Assessment of process capabilities in transition to a data-driven organisation: A multidisciplinary approach**
GÖKALP M. O., KAYABAY K., GÖKALP E., KOÇYİĞİT A., EREN P. E.
IET SOFTWARE, vol.15, no.6, pp.376-390, 2021 (SCI-Expanded)
- III. **Digital transformation capability maturity model enabling the assessment of industrial manufacturers**
Gökarp E., Martinez V.
Computers in Industry, vol.132, 2021 (SCI-Expanded)
- IV. **Data-driven manufacturing: An assessment model for data science maturity**
GÖKALP M. O., Gökarp E., KAYABAY K., KOÇYİĞİT A., EREN P. E.
Journal of Manufacturing Systems, vol.60, pp.527-546, 2021 (SCI-Expanded)
- V. **Public Personnel Management Process Capability Assessment**
GÖKALP E., DEMİRÖRS O., EREN P. E.
PUBLIC PERSONNEL MANAGEMENT, vol.49, no.1, pp.111-140, 2020 (SSCI)
- VI. **Analyzing the Impact of a Decision Support System on a Medium Sized Apparel Company**
GÖKALP E., GÖKALP M. O., EREN P. E.
EXPLORING INTELLIGENT DECISION SUPPORT SYSTEMS: CURRENT STATE AND NEW TRENDS, vol.764, pp.73-87, 2018 (SCI-Expanded)
- VII. **Model based process assessment for public financial and physical resource management processes**

Gokalp E., Demirors O.

COMPUTER STANDARDS & INTERFACES, vol.54, pp.186-193, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **Exploring critical success factors for blockchain-based intelligent transportation systems**
Çaldağ M. T., Gökarp E.
Emerging Science Journal, vol.4, pp.27-44, 2020 (Scopus)
- II. **Government process capability model: An exploratory case study**
GÖKALP E., Demirörs O.
Communications in Computer and Information Science, vol.477, pp.94-105, 2014 (Scopus)
- III. **Impact of Pervasive Computing on Service Design in Hospitality**
GÖKALP E., EREN P. E.
Journal of Advanced Management Science, vol.1, no.2, pp.241-245, 2013 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **HealthGuide: A Personalized Mobile Patient Guidance System**
Eren P. E., Gökarp E.
in: Current and Emerging mHealth Technologies: Adoption, Implementation and Use, Sezgin E., Yildirim S., Ozkan-Yildirim S., Sumuer, Editor, Springer, London/Berlin , Zug, pp.167-188, 2018
- II. **Industry 4.0 Revolution in Clothing and Apparel Factories: Apparel 4.0**
Gökarp E., Gökarp M. O., Eren P. E.
in: Industry 4.0 from the MIS Perspective, S. Gülseçen, Z.A. Reis, M. Gezer, Ç. Erol, Editor, Peter Lang Publishing, Inc., Berlin, pp.169-184, 2018
- III. **Analyzing the Impact of a Decision Support System on a Medium Sized Apparel Company**
Gökarp E., Gökarp M. O., Eren P. E.
in: Exploring Intelligent Decision Support Systems, Valencia-García R., Pilar Salas-Zárate M., Andrés Paredes-Valverde M., Alor-Hernández G., Editor, Springer, London/Berlin , Zug, pp.73-88, 2018

Refereed Congress / Symposium Publications in Proceedings

- I. **Data Science Roadmapping: Towards an Architectural Framework**
Kayabay K., Gökarp M. O., Gökarp E., Eren P. E., Koçyiğit A.
2020 IEEE International Conference on Technology Management, Operations and Decisions, ICTMOD 2020, Marrakech, Morocco, 24 - 27 November 2020
- II. **Towards a Model Based Process Assessment for Data Analytics: An Exploratory Case Study**
Gökarp M. O., Kayabay K., Gökarp E., Koçyiğit A., Eren P. E.
27th European Conference on Systems, Software and Services Process Improvement, EuroSPI 2020, Düsseldorf, Germany, 9 - 11 September 2020, pp.617-628
- III. **Open Government Data: Analysing Benefits and Challenges**
Caldag M. T., Gökarp M. O., Gokalp E.
1st International Informatics and Software Engineering Conference, IISEC 2019, Ankara, Turkey, 6 - 07 November 2019
- IV. **Acceptance of Blockchain Based Supply Chain Management System: Research Model Proposal**
Blokzincir Tabanlı Tedarik Zinciri Yönetimi Sistemi Kabulü: Arastirma Modeli Önerisi
Gokalp E., Coban S., Gökarp M. O.
1st International Informatics and Software Engineering Conference, IISEC 2019, Ankara, Turkey, 6 - 07 November

2019

- V. **Dijital Dönüşümün İstihdama Etkisi: Mesleki Açidan Fırsatlar ve Tehditler**
Gökalp E., Gökalp M. O., Çoban S., Eren P. E.
Fifth International Management Information Systems Conference, Ankara, Turkey, 24 - 26 October 2018, pp.1-8
- VI. **Predictive Maintenance in Healthcare Services with Big Data Technologies**
Coban S., Gökalp M. O., Gokalp E., Eren P. E., Koçyiğit A.
11th IEEE International Conference on Service-Oriented Computing and Applications (SOCA), Paris, France, 19 - 22 November 2018, pp.93-98
- VII. **Analysing Opportunities and Challenges of Integrated Blockchain Technologies in Healthcare**
Gokalp E., GÖKALP M. O., Coban S., EREN P. E.
11th SIGSAND/PLAIS EuroSymposium on Systems Analysis and Design (SIGSAND/PLAIS EuroSymposium), Gdansk, Poland, 20 September 2018, vol.333, pp.174-183
- VIII. **Development of an Assessment Model for Industry 4.0: Industry 4.0-MM**
Gokalp E., Şener U., Eren P. E.
17th International Conference on Software Process Improvement and Capability Determination (SPICE), Palma de Mallorca, Spain, 4 - 05 October 2017, vol.770, pp.128-142
- IX. **CloudDSS: A decision support system for cloud service selection**
ŞENER U., GÖKALP E., EREN P. E.
14th International Conference on the Economics of Grids, Clouds, Systems, and Services, GECON 2017, Biarritz, France, 19 - 21 September 2017, pp.249-261
- X. **Cloud-Based Enterprise Information Systems: Determinants of Adoption in the Context of Organizations**
Şener U., Gokalp E., Eren P. E.
22nd International Conference on Information and Software Technologies (ICIST), Druskininkai, Lithuania, 13 - 15 October 2016, vol.639, pp.53-66
- XI. **Developing Process Definition for Financial and Physical Resource Management Process in Government Domain**
Gokalp E., Demirors O.
16th International Conference on Software Process Improvement and Capability Determination (SPICE), Dublin, Ireland, 9 - 10 June 2016, vol.609, pp.169-180
- XII. **Towards a Process Capability Assessment Model for Government Domain**
Gokalp E., Demirors O.
16th International Conference on Software Process Improvement and Capability Determination (SPICE), Dublin, Ireland, 9 - 10 June 2016, vol.609, pp.210-224
- XIII. **Proposing an ISO/IEC 15504 Based Process Improvement Method for the Government Domain**
Gokalp E., Demirors O.
15th International Conference on Software Process Improvement and Capability dEtermination (SPICE), Gothenburg, Sweden, 16 - 17 June 2015, vol.526, pp.100-113
- XIV. **ISO/IEC 15504 standardinin devlet kurumları için uyarlanması**
GÖKALP E., Demirörs O.
9th Turkish National Software Engineering Symposium, UYMS 2015, İzmir, Turkey, 9 - 11 September 2015, vol.1483, pp.606-618
- XV. **Improvement Of Service Quality By Using Ubiquitous Computing In Hospitality**
GÖKALP E., EREN P. E.
8th Mediterranean Conference on Information Systems, Verona, Italy, 3 - 05 September 2014
- XVI. **Kamu kurumları için süreç yetenek modeli geliştirilmesi**
GÖKALP E., Demirörs O.
8th Turkish National Software Engineering Symposium, UYMS 2014, Guzelyurt, Turkey, 8 - 10 September 2014, vol.1221, pp.323-334

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