

Assoc. Prof. EBRU GÖKALP AYDIN



## Personal Information

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## International Researcher IDs

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## Education Information

Doctorate, Middle East Technical University, Graduate School Of Informatics, Information Systems, Turkey 2010 - 2016

Postgraduate, Middle East Technical University, Faculty Of Engineering, Department Of Industrial Engineering, Turkey 2008 - 2010

## Biography

Dr. Ebru Gökalp is a researcher and practitioner specializing in informatics, management information systems, software engineering, and digital transformation. With a wealth of experience leading collaborative projects between industry and academia, she focuses on cutting-edge areas such as digital transformation, software quality evaluation, business process management, and the elicitation of system and software requirements. Her expertise includes supervising model-based assessments and enhancements of business processes, making her an invaluable asset in the field. From 2016 to 2018, Dr. Gökalp excelled as a principal researcher, project manager, and digital transformation specialist at the Scientific and Technological Research Council of Turkey (TUBITAK), within the Informatics and Information Security Research Center (BILGEM) and the Software Technologies Research Institute (YTE). She then took on a faculty role at Başkent University from 2018 to 2021 and served as an adjunct faculty member for the Software Management and Information Systems programs at the Informatics Institute of Middle East Technical University from 2018 to 2020. Moreover, she furthered her research endeavors as a researcher in the Department of Engineering at the Institute for Manufacturing, University of Cambridge, from 2019 to 2021. Currently, Dr. Gökalp serves as an Associate Professor in the Computer Engineering Department and the Information Systems program at Hacettepe University in Ankara, Turkey. Her extensive research interests encompass Software Engineering, Information Systems, Business Process Management, Digital Transformation, Software Quality Management, Software Project Management, Capability Maturity Models, and Industry 4.0, reflecting her commitment to advancing these vital fields.

## Dissertations

Doctorate, Gov-PCDM: Government process capability determination model, Middle East Technical University, Graduate School Of Informatics, Information Systems, 2016

Postgraduate, A decision support system for production planning and pre-cost estimation activities in an apparel company, Middle East Technical University, Faculty Of Engineering, Department Of Industrial Engineering, 2010

## Research Areas

Management Information Systems, Informatics, Software Management, Software Engineering

## Academic Titles / Tasks

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

Researcher, University of Cambridge, Faculty of Engineering, Institute for Manufacturing, 2019 - 2021

Assistant Professor, Baskent University, Faculty Of Economics And Administrative Sciences, Department Of Information Technology And Management, 2018 - 2020

Lecturer, Middle East Technical University, Graduate School Of Informatics, Information Systems, 2018 - 2020

Research Assistant, Middle East Technical University, Graduate School Of Informatics, Information Systems, 2010 - 2016

## Courses

Software Engineering, Undergraduate, 2022 - 2023

Design Project II, Undergraduate, 2022 - 2023

Yazılım Proje Yönetimi, Postgraduate, 2022 - 2023

Software Engineering Lab., Undergraduate, 2022 - 2023

Software Requirements, Undergraduate, 2022 - 2023

Yazılım Mühendisliği, Postgraduate, 2021 - 2022

Sistem Çözümleme ve Modelleme, Postgraduate, 2021 - 2022

Business Process Management, Postgraduate, 2022 - 2023

Data Management, Undergraduate, 2022 - 2023

Design Project I, Undergraduate, 2022 - 2023

Digital Transformation, Undergraduate, 2020 - 2021

İş Süreçleri Yönetimi, Postgraduate, 2019 - 2020

Computer Networks Management, Undergraduate, 2019 - 2020

Sistem Analizi ve Tasarımı, Undergraduate, 2019 - 2020

Software Management, Postgraduate, 2018 - 2019

Management Information Systems, Undergraduate, 2018 - 2019

Software Process Improvement , Postgraduate, 2018 - 2019

## Advising Theses

Gökalp Aydın E., ENDÜSTRİ 4.0 DÖNÜŞÜMÜ İÇİN OLGUNLUK İNDEKSİ GELİŞTİRİLMESİ, Doctorate, U.Şener(Student), Continues

Gökalp Aydın E., Eren P. E., A HOLISTIC MODEL FOR SUCCESS ASSESSMENT OF DATA SCIENCE PROJECTS WITHIN THE CONTEXT OF DIGITAL TRANSFORMATION, Doctorate, G.Gökay(Student), Continues

Gökalp Aydın E., A SKILL ASSESSMENT MODEL FOR HUMAN RESOURCES SKILL DEVELOPMENT ENABLING DIGITAL TRANSFORMATION: DX-HRSAM, Postgraduate, M.GİZEM(Student), Continues

Gökalp Aydın E., INCREASING TEAM COLLABORATION AND MOTIVATION THROUGH GAMIFICATION IN AGILE SOFTWARE DEVELOPMENT: A FRAMEWORK PROPOSAL, Postgraduate, T.J.H.(Student), Continues

Gökalp Aydın E., Developing an architectural framework for facilitating transformation towards data-driven organizations, Doctorate, K.KAYABAY(Student), 2022

Gökalp Aydın E., Açık veri yetenek olgunluk modeli, Doctorate, M.TAHİR(Student), 2022

Gökalp Aydın E., SPL-CMM: Software product line capability maturity model, Postgraduate, R.BORA(Student), 2019

## Advising Graduates (Non-Thesis)

Gökalp Aydın E., Dijital Dönüşüm Olgunluk İndeksi Değerlendirmesi için Bir Aracın Geliştirilmesi: DX-MI Aracı, Masters (Non-Thesis, Evening Education), T.Çekirge(Student), 2023

Gökalp Aydın E., AHP YÖNTEMİ KULLANILARAK TALAŞLI İMALAT FİRMASI İÇİN UYGUN ERP TEKNOLOJİSİNİN BELİRLENMESİ, Masters (Non-Thesis, Evening Education), H.Güçlü(Student), 2022

Gökalp Aydın E., TÜRKİYE'DEKİ FİRMALARDA YAZILIM TESTİ PRATİKLERİ ANKET ÇALIŞMASI, Masters (Non-Thesis, Evening Education), E.Onur(Student), 2022

Gökalp Aydın E., YAZILIM MÜHENDİSLİĞİNDE OYUNLAŞTIRMA YÖNTEMLERİ: SİSTEMATİK LİTERATÜR TARAMASI, Masters (Non-Thesis, Evening Education), A.Senbani(Student), 2022

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

- I. **CLOUD-QM: a quality model for benchmarking cloud-based enterprise information systems**  
ŞENER U., GÖKALP AYDIN E., EREN P. E.  
SOFTWARE QUALITY JOURNAL, no.3, pp.881-920, 2024 (SCI-Expanded)
- II. **The development of data analytics maturity assessment framework: DAMAF**  
GÖKALP M. O., Gokalp E., GÖKALP S., KOÇYİĞİT A.  
JOURNAL OF SOFTWARE-EVOLUTION AND PROCESS, vol.35, no.8, 2023 (SCI-Expanded)
- III. **A Reference Model for Software Product Line Capability Assessment**  
Gökalp Aydın E., Çalışkanbaş B., Koçyiğit A.  
JOURNAL OF SOFTWARE: EVOLUTION AND PROCESS, vol.0, no.0, 2023 (SCI-Expanded)
- IV. **The maturity of open government data maturity: a multivocal literature review**  
ÇALDAĞ M. T., Gokalp E.  
ASLIB JOURNAL OF INFORMATION MANAGEMENT, vol.74, no.6, pp.1007-1030, 2022 (SCI-Expanded)
- V. **The development of the data science capability maturity model: a survey-based research**  
GÖKALP M. O., Gokalp E., Kayabay K., KOÇYİĞİT A., EREN P. E.  
ONLINE INFORMATION REVIEW, vol.46, no.3, pp.547-567, 2022 (SCI-Expanded)
- VI. **A process assessment model for big data analytics**  
GÖKALP M. O., Gokalp E., KAYABAY K., GÖKALP S., KOÇYİĞİT A., EREN P. E.  
COMPUTER STANDARDS & INTERFACES, vol.80, 2022 (SCI-Expanded)
- VII. **Digital transformation maturity assessment: development of the digital transformation capability maturity model**  
GÖKALP AYDIN E., Martinez V.  
International Journal of Production Research, vol.60, no.20, pp.6282-6302, 2022 (SCI-Expanded)
- VIII. **Data science roadmapping: An architectural framework for facilitating transformation towards a data-driven organization**  
KAYABAY K., GÖKALP M. O., Gokalp E., EREN P. E., KOÇYİĞİT A.  
TECHNOLOGICAL FORECASTING AND SOCIAL CHANGE, vol.174, 2022 (SSCI)
- IX. **Blockchain-Based Supply Chain Management: Understanding the Determinants of Adoption in the Context of Organizations**  
GÖKALP AYDIN E., Gökalp M. O., GÖKALP S.  
Information Systems Management, vol.39, no.2, pp.100-121, 2022 (SCI-Expanded)
- X. **Assessment of process capabilities in transition to a data-driven organisation: A multidisciplinary approach**  
Gökalp M. O., KAYABAY K., GÖKALP AYDIN E., KOÇYİĞİT A., EREN P. E.  
IET Software, vol.15, no.6, pp.376-390, 2021 (SCI-Expanded)
- XI. **Digital transformation capability maturity model enabling the assessment of industrial manufacturers**  
GÖKALP AYDIN E., Martinez V.

- Computers in Industry, vol.132, 2021 (SCI-Expanded)
- XII. **Data-driven manufacturing: An assessment model for data science maturity**  
Gökalp M. O., GÖKALP AYDIN E., KAYABAY K., KOÇYİĞİT A., EREN P. E.  
Journal of Manufacturing Systems, vol.60, pp.527-546, 2021 (SCI-Expanded)
- XIII. **Public Personnel Management Process Capability Assessment**  
GÖKALP AYDIN E., Demirörs O., EREN P. E.  
Public Personnel Management, vol.49, no.1, pp.111-140, 2020 (SSCI)
- XIV. **Model based process assessment for public financial and physical resource management processes**  
GÖKALP AYDIN E., Demirörs O.  
Computer Standards and Interfaces, vol.54, pp.186-193, 2017 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Understanding barriers affecting the adoption and usage of open access data in the context of organizations**  
Çaldağ M. T., GÖKALP AYDIN E.  
Data and Information Management, 2023 (Scopus)
- II. **DİJİTAL OLGUNLUK İNDEKSİ: ORGANİZASYONLARIN DİJİTAL DÖNÜŞÜM YOLCULUĞUNDA VERİMLİLİĞİ ARTIRMAK İÇİN BİR KANTİTATİF YÖNTEM**  
ŞENER U., EREN P. E., GÖKALP AYDIN E.  
Verimlilik Dergisi, vol.0, no.5, pp.17-29, 2022 (Peer-Reviewed Journal)
- III. **Exploring Critical Success Factors for Blockchain-based Intelligent Transportation Systems**  
ÇALDAĞ M. T., GÖKALP E.  
EMERGING SCIENCE JOURNAL, vol.4, pp.27-44, 2020 (Scopus)
- IV. **DİJİTAL DÖNÜŞÜMÜN ETKİSİNDE VERİMLİ İSTİHDAM YÖNETİMİ: YOL HARİTASI ÖNERİSİ**  
GÖKALP E., GÖKALP M. O., GÖKALP S., EREN P. E.  
Verimlilik Dergisi, vol.3, no.3, pp.201-222, 2019 (Peer-Reviewed Journal)
- V. **Hazır Giyim ve Konfeksiyon Sektöründe Endüstri 4.0 Devrimi: Akıllı Konfeksiyon Fabrikası**  
GÖKALP E., GÖKALP M. O., EREN P. E.  
AJIT-e: Bilişim Teknolojileri Online Dergisi, vol.10, no.37, pp.73-96, 2019 (Peer-Reviewed Journal)
- VI. **TIBBİ GÖRÜNTÜLEME ARAÇLARI İÇİN BULUT BİLİŞİM TABANLI ÖNGÖRÜCÜ BAKIM UYGULAMA ÇATISI**  
GÖKALP S., GÖKALP M. O., GÖKALP E., EREN P. E.  
Yönetim Bilişim Sistemleri Dergisi, vol.3, no.2, pp.76-90, 2017 (Peer-Reviewed Journal)
- VII. **Government process capability model: An exploratory case study**  
GÖKALP AYDIN E., Demirörs O.  
Communications in Computer and Information Science, vol.477, pp.94-105, 2014 (Scopus)
- VIII. **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)
- IX. **Enterprise Cloud Computing in Hospitality**  
GÖKALP E., EREN P. E.  
International Journal of Advances in Management, Technology & Engineering Sciences, vol.2, no.3, pp.34-39, 2012 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **What Drives Success in Data Science Projects: A Taxonomy of Antecedents**  
Tokdemir Gökay G., Nazliel K., Şener U., Gökalp Aydın E., Gökalp M. O., Gençal N., Dağdaş G., Eren P. E.

in: Computational Intelligence, Data Analytics and Applications, Márquez Fausto Pedro García, Jamil Akhtar, Eken Süleyman, Ali Hameed Alaa, Editor, Springer Nature, Frauenfeld, pp.448-462, 2023

- II. **A Process Assessment Model for Human Resource Skill Development Enabling Digital Transformation**  
GÖKALP AYDIN E.  
in: Evolving Software Processes: Trends and Future Directions, Arif Ali Khan, Dac-Nhuong Le, Editor, Wiley-Scrivener, pp.271-281, 2022
- III. **Investigating the Economic Impact of Organizational Adoption of AI-Enabled Blockchain in 6G-Based Supply Chain Management**  
GÖKALP AYDIN E., ÖZER E.  
in: AI and Blockchain Technology in 6G Wireless Network, Malaya Dutta Borah, Pushpa Singh, Ganesh Chandra Deka, Editor, Springer, pp.181-204259, 2022
- IV. **Developing a Reference Model for Open Data Capability Maturity Assessment**  
ÇALDAĞ M. T., GÖKALP AYDIN E.  
in: Evolving Software Processes: Trends and Future Directions, Arif Ali Khan, Dac-Nhuong Le, Editor, Wiley-Scrivener, pp.135-150, 2022
- V. **ICT-Based Distance Higher Education: A Necessity During the Era of COVID-19 Outbreak**  
ÇALDAĞ M. T., GÖKALP E., ALKIŞ N.  
in: Emerging Technologies During the Era of COVID-19 Pandemic, Arpacı İbrahim, Al-Emran Mostafa, Al-Sharafi Mohammed A., Marques Gonçalo, Editor, Springer International Publishing, pp.365-385, 2021
- VI. **Leveraging Digital Transformation Technologies to Tackle COVID-19: Proposing a Privacy-First Holistic Framework**  
GÖKALP E., KAYABAY K., GÖKALP M. O.  
in: Emerging Technologies During the Era of COVID-19 Pandemic, Arpacı İbrahim, Al-Emran Mostafa, Al-Sharafi Mohammed A., Marques Gonçalo, Editor, Springer International Publishing, pp.149-166, 2021
- VII. **Towards a Model Based Process Assessment for Data Analytics: An Exploratory Case Study**  
GÖKALP M. O., KAYABAY K., GÖKALP E., KOÇYİĞİT A., EREN P. E.  
in: Systems, Software and Services Process Improvement. Communications in Computer and Information Science, Yilmaz, Murat Niemann, Jörg Clarke, Paul Messnarz, Richard, Editor, Springer, pp.617-628, 2020
- VIII. **Dijital İşgücü Dönüşümü**  
GÖKALP E.  
in: Dijital Yönetim, H. Tezcan UYSAL, Cenk AKSOY, Fatma YILMAZ, Editor, Nobel Akademik Yayıncılık, Ankara, pp.405-424, 2020
- IX. **Towards a Maturity Model for Industry 4.0: A Systematic Literature Review and a Model Proposal**  
ŞENER U., GÖKALP E., EREN P. E.  
in: Industry 4.0 from the MIS Perspective, Gülseçen Sevinç, Ayvaz Reis Zerrin, Gezer Murat, Erol Çiğdem, Editor, Peterlang, pp.291-303, 2018
- X. **HealthGuide: A Personalized Mobile Patient Guidance System**  
EREN P. E., GÖKALP E.  
in: Current and Emerging mHealth Technologies, Sezgin Emre, Yildirim Soner, Özkan-Yildirim Sevgi, Sumuer Evren, Editor, Springer, Cham, pp.167-187, 2018
- XI. **Analyzing the Impact of a Decision Support System on a Medium Sized Apparel Company**  
GÖKALP E., GÖKALP M. O., EREN P. E.  
in: Exploring Intelligent Decision Support Systems, Valencia-García Rafael, Paredes-Valverde Mario Andrés, Salas-Zárate María del Pilar, Alor-Hernández Giner, Editor, Springer, Cham, pp.73-87, 2018
- XII. **Industry 4.0 Revolution in Clothing and Apparel Factories: Apparel 4.0**  
GÖKALP E., GÖKALP 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 International Academic Publishers, pp.169-183, 2018
- XIII. **Analysing Opportunities and Challenges of Integrated Blockchain Technologies in Healthcare**  
GÖKALP E., GÖKALP M. O., ÇOBAN S., EREN P. E.

in: Information Systems: Research, Development, Applications, Education, Stanisław Wrycza, Jacek Maślankowski, Editor, Springer, pp.174-183, 2018

XIV. **Development of an Assessment Model for Industry 4.0: Industry 4.0-MM**

GÖKALP E., ŞENER U., EREN P. E.

in: Software Process Improvement and Capability Determination. Communications in Computer and Information Science, vol 770., Mesquida Antonia MasAntoni, O'Connor Rory V., Rout Terry, Dorling Alec, Editor, Springer, Cham, pp.128-142, 2017

XV. **CloudSS: A Decision Support System for Cloud Service Selection**

ŞENER U., GÖKALP E., EREN P. E.

in: Economics of Grids, Clouds, Systems, and Services, Pham Congduc, Altmann Jörn, Bañares José Ángel, Editor, Springer, Cham, pp.249-261, 2017

XVI. **Towards a Process Capability Assessment Model for Government Domain**

GÖKALP E., DEMİRÖRS O.

in: Software Process Improvement and Capability Determination. Communications in Computer and Information Science, vol 609, Clarke Paul M., O'Connor Rory V., Rout Terry, Dorling Alec, Editor, Springer Camp, pp.210-224, 2016

XVII. **Cloud-based Enterprise Information Systems: Determinants of Adoption in the Context of Organizations**

ŞENER U., GÖKALP E., EREN P. E.

in: Information and Software Technologies, Dregvaite Giedre, Damasevicius Robertas, Editor, Springer Camp, pp.53-66, 2016

XVIII. **Developing Process Definition for Financial and Physical Resource Management Process in Government Domain**

GÖKALP E., DEMİRÖRS O.

in: Software Process Improvement and Capability Determination. Communications in Computer and Information Science, vol 609., M. Clarke Paul, O'Connor Rory V., Rout Terry, Dorling Alec, Editor, Springer International Publishing, pp.169-180, 2016

XIX. **Bulut Tabanlı Kurumsal Bilgi Sistemlerinin Benimsenmesini Etkileyen Faktörlerin Değerlendirilmesi**

ŞENER U., GÖKALP E., EREN P. E.

in: Smart Technology Smart Management : Akıllı Teknoloji Akıllı Yönetim, Tecim Vahap, Tarhan Çiğdem, Aydın Can, Editor, Gülermat Matbaacılık, İzmir, pp.242-254, 2016

XX. **Akıllı Teknolojilerin Turizm ve Otelcilik Sektöründe Uygulanması**

GÖKALP E., EREN P. E.

in: Smart Technology Smart Management : Akıllı Teknoloji Akıllı Yönetim, Tecim Vahap, Tarhan Çiğdem, Aydın Can, Editor, Gülermat Matbaacılık, İzmir, pp.278-287, 2016

XXI. **Smart Residence Management System (RMS) with Personalized Comfort**

AY M. B., GÖKALP E., EREN P. E., TANYER A. M.

in: Smart Technology Smart Management : Akıllı Teknoloji Akıllı Yönetim, Tecim Vahap, Tarhan Ayça, Aydın Can, Editor, Gülermat Matbaacılık, İzmir, pp.255-265, 2016

XXII. **Proposing an ISO/IEC 15504 Based Process Improvement Method for the Government Domain**

GÖKALP E., DEMİRÖRS O.

in: Software Process Improvement and Capability Determination. SPICE 2015. Communications in Computer and Information Science, vol 526, Rout Terry, O'Connor Rory V., Dorling Alec, Editor, Springer International Publishing, pp.100-113, 2015

XXIII. **Government Process Capability Model: An Exploratory Case Study**

GÖKALP E., DEMİRÖRS O.

in: Software Process Improvement and Capability Determination. SPICE 2014. Communications in Computer and Information Science, vol 477, Antanas Mitasiunas, Terry Rout, Rory V. O'Connor, Alec Dorling, Editor, Springer International Publishing, pp.94-105, 2014

## Refereed Congress / Symposium Publications in Proceedings

- I. **A Software Test Maturity Model Customized for Aerospace Industries: A Systematic Literature Review**  
Ozkurt A., GÖKALP AYDIN E., Ipek A. H.  
31st European Conference on Systems, Software and Services Process Improvement (EuroSPI), Munich, Germany, 4 - 06 September 2024, pp.374-389
- II. **Data-Driven Software Engineering: A Systematic Literature Review**  
Yalciner A., Dikici A., GÖKALP AYDIN E.  
31st European Conference on Systems, Software and Services Process Improvement (EuroSPI), Munich, Germany, 4 - 06 September 2024, pp.19-32
- III. **Customizing and Deploying Data Science Roadmapping: A Case Study of an Oil and Gas Company**  
Kayabay K., Gökalp M. O., Gökalp Aydın E., Alagöz S. M., Eren P. E., Koçyiğit A.  
2022 IEEE International Conference on Technology Management, Operations and Decisions (ICTMOD), Fas, Morocco, 23 November 2022
- IV. **What Drives Success in Data Science Projects: A Taxonomy of Antecedents**  
Gökay G. T., NAZLIEL K., ŞENER U., GÖKALP AYDIN E., Gökalp M. O., Gençal N., Dağdaş G., EREN P. E.  
International Conference on Computing, Intelligence and Data Analytics, ICCIDA 2022, Kocaeli, Turkey, 16 - 17 September 2022, vol.643 LNNS, pp.448-462
- V. **YAZILIM MÜHENDİSLİĞİNDE OYUNLAŞTIRMA YÖNTEMLERİ: SİSTEMATİK LİTERATÜR TARAMASI**  
Senbani A., GÖKALP AYDIN E.  
ICIAS 2022: 1st International Conference on Innovative Academic Studies, Konya, Turkey, 10 September 2022, pp.1166-1173
- VI. **Data Science Technology Selection: Development of a Decision-Making Approach**  
NAZLIEL K., KAYABAY K., GÖKALP M. O., Gokalp E., EREN P. E.  
IEEE-Technology-and-Engineering-Management-Society (IEEE TEMS) Technology and Engineering Management Conference - Europe (IEEE TEMSCON EUROPE), İzmir, Turkey, 25 - 29 April 2022, pp.172-178
- VII. **Capability Assessment of Software Product Line Processes in Defense Industry**  
Savaş D., GÖKALP E., KOLUKISA A.  
6th International Conference on Computer Science and Engineering (UBMK), Ankara, Turkey, 15 - 17 September 2021, pp.682-687
- VIII. **ENTEĞRE BLOKZİNCİRİN SAĞLIK SEKTÖRÜNDE KULLANILMASININ FAYDALARI VE ZORLUKLARI**  
GÖKALP E.  
5. Uluslararası Sağlıkta Bilişim ve Bilgi Güvenliği Kongresi, Antalya, Turkey, 17 - 19 March 2021, pp.22
- IX. **PANDEMİYLE MÜCADELE DİJİTAL DÖNÜŞÜM TEKNOLOJİLERİ NASIL FARK YARATIR?**  
GÖKALP E.  
5. Uluslararası Sağlıkta Bilişim ve Bilgi Güvenliği Kongresi, Antalya, Turkey, 17 - 19 March 2021, pp.24
- X. **Covid-19 Salgını Nedeniyle Uzaktan Eğitime Zorunlu Geçiş: Uzaktan Eğitim Sürecinde Yenilikçi Teknolojilerin Kullanılması**  
ÇALDAĞ M. T., GÖKALP E., ALKIŞ N.  
The 7th International Management Information Systems Conference (IMISC2020), İzmir, Turkey, 9 - 11 December 2020, pp.32-40
- XI. **Data science roadmapping: Towards an architectural framework**  
KAYABAY K., GÖKALP M. O., GÖKALP E., EREN P. E., KOÇYIĞIT A.  
IEEE International Conference on Technology Management, Operations and Decisions, Marrakech, Morocco, 25 - 27 November 2020
- XII. **Blokzincir Tabanlı Tedarik Zinciri Yönetimi Sistemi Kabulü: Araştırma Modeli Önerisi**  
GÖKALP E., GÖKALP S., GÖKALP M. O.  
2019 1st International Informatics and Software Engineering Conference (UBMYK), Ankara, Turkey, Turkey, 6 - 07 November 2019
- XIII. **Open Government Data: Analysing Benefits and Challenges**

ÇALDAĞ M. T., GÖKALP M. O., GÖKALP E.

2019 1st International Informatics and Software Engineering Conference (UBMYK), Ankara, Turkey, Turkey, 6 - 07 November 2019

- XIV. **Towards a Model Based Process Assessment for Data Analytics: An Exploratory Case Study**  
Gökalp M. O., KAYABAY K., GÖKALP AYDIN E., KOÇYİĞİT A., EREN P. E.  
27th European Conference on Systems, Software and Services Process Improvement, EuroSPI 2020, Düsseldorf, Germany, 9 - 11 September 2020, vol.1251 CCIS, pp.617-628
- XV. **An Integrated Holistic Success Model for Evaluating Smart City Initiatives**  
ALKIŞ N., ÇALDAĞ M. T., GÖKALP E.  
International Conference Internet Computing and Internet of Things (ICOMP'19), Las Vegas, United States Of America, 29 July - 02 August 2019, pp.16-21
- XVI. **Analyzing Determinants of Open Government Based Technologies and Applications Adoption in the Context of Organizations**  
ÇALDAĞ M. T., GÖKALP E., ALKIŞ N.  
International Conference on e-Learning, e-Business, Enterprise Information Systems, and e-Government, Las Vegas, United States Of America, 29 July - 02 August 2019, pp.50-56
- XVII. **Akıllı Şehir Girişimlerinin Değerlendirilmesi İçin Bir başarı Modeli Önerilmesi.**  
ALKIŞ N., ÇALDAĞ M. T., GÖKALP E.  
YAEM 2019: Yöneyem Araştırması ve Endüstri Mühendisliği 39. Ulusal Kongresi, Turkey, 12 - 14 June 2019
- XVIII. **Açık Devlet Teknolojilerinin ve Uygulamalarının Örgütler Tarafından Benimsenmesini Etkileyen Faktörlerin Analizi**  
ÇALDAĞ M. T., GÖKALP E., ALKIŞ N.  
YAEM 2019: Yöneyem Araştırması ve Endüstri Mühendisliği 39. Ulusal Kongresi, Ankara, Turkey, 12 - 14 June 2019
- XIX. **Predictive Maintenance in Healthcare Services with Big Data Technologies**  
GÖKALP S., Gokalp M. O., GÖKALP AYDIN E., EREN P. E., KOÇYİĞİT A.  
11th IEEE International Conference on Service-Oriented Computing and Applications, SOCA 2018, Paris, France, 20 - 22 November 2018, pp.93-98
- XX. **Dijital Dönüşümün İstihdama Etkisi: Mesleki Açından Fırsatlar ve Tehditler**  
GÖKALP E., GÖKALP M. O., ÇOBAN S., EREN P. E.  
5th International Management Information Systems Conference (IMISC'18), Ankara, Turkey, 24 - 26 October 2018
- XXI. **Analysing opportunities and challenges of integrated blockchain technologies in healthcare**  
GÖKALP AYDIN E., Gökalp M. O., GÖKALP S., EREN P. E.  
11th SIGSAND/PLAIS EuroSymposium on Information Systems: Research, Development, Applications, Education, 2018, Gdansk, Poland, 20 September 2018, vol.333, pp.174-183
- XXII. **Preparation of Digital Capability Guidelines**  
Ünlü N., DEMİR E., Ünal-Bayram M., Acar Z., Dikici A., Özer T. B., Özmen E., Bağlıoğlu Ö., Yaraş G., Özen N., et al.  
1st International Workshop Series on Digital Transformation and Artificial Intelligence, İstanbul, Turkey, 28 December 2017
- XXIII. **Hazır Giyim Ve Konfeksiyon Fabrikalarında Endüstri 4.0 Devrimi: Konfeksiyon 4.0**  
GÖKALP E., GÖKALP M. O., EREN P. E.  
4th International Management Information Systems Conference (IMISC'17), İstanbul, Turkey, 17 - 20 October 2017, pp.121
- XXIV. **Endüstri 4.0 için Olgunluk Modeli: Sistemik Literatür Taraması ve Model Önerisi**  
ŞENER U., GÖKALP E., EREN P. E.  
4th International Management Information Systems Conference (IMISC 2017), İstanbul, Turkey, 17 - 20 October 2017, pp.137
- XXV. **CloudSS: A decision support system for cloud service selection**  
ŞENER U., GÖKALP AYDIN E., EREN P. E.  
14th International Conference on the Economics of Grids, Clouds, Systems, and Services, GECON 2017, Biarritz, France, 19 - 21 September 2017, vol.10537 LNCS, pp.249-261



- XXVI. **Development of an assessment model for industry 4.0: Industry 4.0-MM**  
GÖKALP AYDIN E., ŞENER U., EREN P. E.  
17th International Conference on Software Process Improvement and Capability Determination, SPICE 2017, Palma de Mallorca, Spain, 4 - 05 October 2017, vol.770, pp.128-142
- XXVII. **Akıllı Teknolojilerin Turizm ve Otelcilik Sektöründe Uygulanması**  
GÖKALP E., EREN P. E.  
3. International Management Information Systems Conference, IMISC 2016, İzmir, Turkey, 6 - 08 October 2016, vol.1, pp.278-287
- XXVIII. **Bulut Tabanlı Kurumsal Bilgi Sistemlerinin Benimsenmesini Etkileyen Faktörlerin Değerlendirilmesi**  
ŞENER U., GÖKALP E., EREN P. E.  
3. International Management Information Systems Conference, IMISC 2016, İzmir, Turkey, 6 - 08 October 2016, pp.242-254
- XXIX. **Smart Residence Management System (RMS) with Personalized Comfort**  
Ay M. B., GÖKALP E., EREN P. E., TANYER A. M.  
3. International Management Information Systems Conference, IMISC 2016, İzmir, Turkey, 6 - 08 October 2016
- XXX. **Towards a process capability assessment model for government domain**  
GÖKALP AYDIN E., Demirörs O.  
16th International Conference on Software Process Improvement and Capability Determination, SPICE 2016, Dublin, Ireland, 9 - 10 June 2016, vol.609, pp.210-224
- XXXI. **Cloud-based enterprise information systems: Determinants of adoption in the context of organizations**  
ŞENER U., GÖKALP AYDIN E., EREN P. E.  
22nd International Conference on Information and Software Technologies, ICIST 2016, Druskininkai, Lithuania, 13 - 15 October 2016, vol.639, pp.53-66
- XXXII. **Developing process definition for financial and physical resource management process in government domain**  
GÖKALP AYDIN E., Demirörs O.  
16th International Conference on Software Process Improvement and Capability Determination, SPICE 2016, Dublin, Ireland, 9 - 10 June 2016, vol.609, pp.169-180
- XXXIII. **Proposing an ISO/IEC 15504 based process improvement method for the government domain**  
GÖKALP AYDIN E., Demirörs O.  
15th International Conference on Software Process Improvement and Capability Determination, SPICE 2015, Gothenburg, Sweden, 16 - 17 June 2015, vol.526, pp.100-113
- XXXIV. **ISO/IEC 15504 standardinin devlet kurumları için uyarlanması**  
GÖKALP AYDIN E., Demirörs O.  
9th Turkish National Software Engineering Symposium, UYMS 2015, İzmir, Turkey, 9 - 11 September 2015, vol.1483, pp.606-618
- XXXV. **Determinants of Adoption of Mobile Games Through SEM**  
GÖKALP E.  
8th Mediterranean Conference on Information Systems, Verona, Italy, 3 - 05 September 2014
- XXXVI. **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
- XXXVII. **ISO IEC 15504 Standardının Devlet Kurumları İçin Uyarlanması**  
GÖKALP E., DEMİRÖRS O.  
9. Ulusal Yazılım Mühendisliği Sempozyumu, Turkey, 9 - 11 September 2015
- XXXVIII. **Bir Konfeksiyon Fabrikasındaki Üretim Planlamaya Ozgu Karar Destek Sistemi**  
GÖKALP E., ŞEN D. T.  
34. Ulusal Yöneyim Araştırması ve Endüstri Mühendisliği Kongresi (YAEM 2014), Turkey, 25 - 27 June 2014
- XXXIX. **Kamu kurumları için süreç yetenek modeli geliştirilmesi**  
GÖKALP AYDIN E., Demirörs O.

8th Turkish National Software Engineering Symposium, UYMS 2014, Guzelyurt, Turkey, 8 - 10 September 2014, vol.1221, pp.323-334

**XL. Yazılım Kalitesinde İnsan Faktörü**

GÖKALP E., DEMİRÖRS O.

7. Ulusal Yazılım Mühendisliği Sempozyumu, İzmir, Turkey, 25 - 27 September 2013

## Supported Projects

Gökalp Aydın E., TUBITAK Project, İSKİ- Kurumsal Dijital Olgunluk ve Çalışan Dijital Yetkinlik Değerlendirme Projesi, 2018 - 2018

Gökalp Aydın E., TUBITAK Project, Çevre ve Şehircilik Bakanlığı- Dijital Olgunluk Değerlendirme Projesi, 2017 - 2017

Gökalp Aydın E., TUBITAK Project, BİLGEM-Dijital Olgunluk Modeli Geliştirme, 2016 - 2017

Gökalp Aydın E., Project Supported by Higher Education Institutions, Bulut Tabanlı Kurumsal Yönetim Bilişim Sistemlerinin Kullanımının İncelenmesi, 2016 - 2016

Gökalp Aydın E., Project Supported by Other Official Institutions, KKTC E-Devlet: Sağlık Sigorta Sistemi, 2014 - 2015

Gökalp Aydın E., TUBITAK Project, PROMPTUM BÜTÜNLEŞİK SÜREÇ MODELLEME ve ONTOLOJİ GELİŞTİRME YÖNTEM ve ARAÇ SETİ GELİŞTİRME, 2013 - 2015

Gökalp Aydın E., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, BİHAP: Bilgi Haritası Araştırma Ve Geliştirme, 2013 - 2014

## Metrics

Publication: 86

Citation (Scopus): 405

H-Index (Scopus): 12

## Awards

Gökalp Aydın E., En İyi Sunum Ödülü, 5. Uluslararası Sağlıkta Bilişim Ve Bilgi Güvenliği Kongresi – 2021, March 2021

Gökalp Aydın E., En İyi Uygulama Bildirisi Ödülü, 2016-3Rd International Management Information Systems Conference, September 2016

Gökalp Aydın E., Asistan Performans Ödülü, Odtü Enformatik Enstitüsü, , June 2015