

## Prof. Seyhan NİŞEL

### Personal Information

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### International Researcher IDs

ORCID: 0000-0002-6170-1631

Publons / Web Of Science ResearcherID: M-5747-2018

ScopusID: 35739068500

Yoksis Researcher ID: 176298

### Education Information

Doctorate, Istanbul University, İşletme Fakültesi/Sosyal Bilimler Enstitüsü, Sayısal Yöntemler Anabilim Dalı, Turkey 1998 - 2002

Postgraduate, Istanbul University, İşletme Fak./Sosyal Bilimler Enstitüsü, Sayısal Yöntemler Anabilim Dalı, Turkey 1996 - 1998

Undergraduate, Istanbul University, School Of Business, Turkey 1992 - 1996

### Foreign Languages

English, C1 Advanced

French, B2 Upper Intermediate

### Certificates, Courses and Trainings

Foreign Language, Intensive English Program, Indiana University, Bloomington, 2007

IT, SPSS Clementine ve Veri Madenciliğine Giriş, SPSS Inc., 2006

Education Management and Planning, Pedagojik Formasyon, İstanbul Üniversitesi, 2003

Foreign Language, Intensive Business Oriented English Preparatory Program, İÜ İşletme Fakültesi İşletme İktisadı Enstitüsü, 2000

### Dissertations

Doctorate, Ülkemiz İllerinin Yaşanabilirlik Açısından Analitik Hiyerarşi Prosesi Tekniği İle Sıralanması, Istanbul University, İşletme Fak./ Sosyal Bilimler Enstitüsü, Sayısal Yöntemler Anabilim Dalı, 2002

Postgraduate, Çok Amaçlı Karar Verme Teknikleri Ve Bir Uygulama, Istanbul University, İşletme Fak./ Sosyal Bilimler Enstitüsü, Sayısal Yöntemler Anabilim Dalı, 1998

## Research Areas

Social Sciences and Humanities, Management, Quantitative Methods, Industrial Engineering , Stochastic Modeling, Stochastic Processes, Optimization Theory and Methods, Multiobjective Optimization, Simulation, Simulation Optimization, System Dynamics, Mathematics, Optimization, Numerical Analysis, Statistics, Statistical Analysis and Applications, Natural Sciences, Engineering and Technology

## Academic Titles / Tasks

Professor, Istanbul University, School of Business, Department of Business Administration, 1997 - Continues

## Academic and Administrative Experience

Rektörlük Kalite Komisyonu Üyesi, Istanbul University, 2020 - Continues

İÜ Bilim ve Araştırma Politikaları Danışma Kurulu Üyeliği, Istanbul University, School Of Business, Department of Business Administration, 2018 - Continues

Ethics Committee Member, Istanbul University, 2017 - Continues

Avrupa Birliği ve Uluslararası Projeler Yürütme Kurulu Üyeliği, Istanbul University, School Of Business, Department of Business Administration, 2015 - Continues

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Istanbul University, 2018 - 2020

İstanbul Üniversitesi, School of Business, 2001 - 2003

## Courses

Big Data and Business Intelligence, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Spreadsheet Applications in Business, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2014 - 2015

Uzmanlık Alan Dersi, Postgraduate, 2021 - 2022, 2020 - 2021

Simulation, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Decision Theory, Undergraduate, 2020 - 2021

Simulation, Postgraduate, 2021 - 2022

Computer Applications in Business, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Simulation, Postgraduate, 2021 - 2022

Quantitative Decision Making in Business, Postgraduate, 2020 - 2021

Business Analytics and Optimization, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019

Business Simulation, Doctorate, 2021 - 2022, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

Simulation Theory, Undergraduate, 2020 - 2021

Simulation, Postgraduate, 2021 - 2022

Simülasyon Optimizasyonu ve Risk Yönetimi, Doctorate, 2018 - 2019, 2017 - 2018

Spreadsheet Modeling and Optimization in Business, Postgraduate, 2017 - 2018, 2016 - 2017

Bilgisayar Destekli Karar verme Teknikleri, Postgraduate, 2016 - 2017

## Advising Theses

Nişel S., ÜLKELERİN SÜRDÜRÜLEBİLİRLİK DÜZEYLERİNİN ÇOK KRİTERLİ KARAR VERME YÖNTEMLERİ İLE İNCELENMESİ, Postgraduate, E.ERARSLAN(Student), 2022

Nişel S., Finansal Teknoloji Şirketlerinin Performans Değerlendirmesi, Doctorate, M.ÇAĞLAR(Student), 2020

NİŞEL S., Diskriminant Analizi ve Bireysel Emeklilik Üzerine Bir Uygulama, Postgraduate, D.Alagöz(Student), 2014  
NİŞEL S., Türkiye’de Akaryakıt İstasyonu Yer Seçimine Çok Amaçlı Bir Yaklaşım, Postgraduate, S.Tüzmen(Student), 2010  
NİŞEL S., Veritabanlarından Bilgi Keşfi: Veri Madenciliği ve Bir Sağlık Uygulaması, Postgraduate, M.Fevzi(Student), 2009

## **Jury Memberships**

Associate Professor Exam, Associate Professor Exam, Dokuz Eylül Üniversitesi, August, 2021  
Appointment to Academic Staff-Professorship, Appointment Academic Staff, Yıldız Teknik Üniversitesi, August, 2021  
Doctoral Examination, Doctoral Examination, İstanbul Üniversitesi, June, 2021  
Doctoral Examination, Doctoral Examination, İstanbul Üniversitesi, December, 2020  
Doctoral Examination, Doctoral Examination, İstanbul Üniversitesi, December, 2020  
Associate Professor Exam, Associate Professor Exam, Kayseri Üniversitesi, July, 2020  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Üniversitesi, June, 2020  
Associate Professor Exam, Associate Professor Exam, Istanbul University, June, 2020  
Associate Professor Exam, Associate Professor Exam, İstanbul Üniversitesi, March, 2020  
Doctoral Examination, Doktora Yeterlilik Jürisi, İstanbul Üniversitesi İşletme Fakültesi, December, 2017  
Post Graduate, Tes Savunma Jürisi, İstanbul Üniversitesi, June, 2011  
Doctoral Examination, Yeterlik Sınavı Jürisi, İstanbul Üniversitesi, June, 2011  
Post Graduate, Tez Savunma Jürisi, İÜ İşletme Fak., October, 2010  
Post Graduate, Tez Savunma Jürisi, İÜ İşletme Fak., October, 2010  
Post Graduate, Tez Savunma Jürisi, İÜ İşletme Fak., October, 2010  
Post Graduate, Tez Savunma Jürisi, İÜ İşletme Fak., October, 2010  
Post Graduate, Tez Savunma Jürisi, İÜ İşletme Fak., October, 2010  
Post Graduate, Tez Savunma Jürisi, İÜ İşletme Fak., October, 2010  
Post Graduate, Tez Savunma Jürisi, İÜ İşletme Fak., October, 2010  
Post Graduate, Tez Savunma Jürisi, İÜ İşletme Fak., October, 2010  
Post Graduate, Tez Savunma Jürisi, İÜ İşletme Fak., October, 2010  
Post Graduate, Tez Savunma Jürisi, İÜ İşletme Fak., October, 2010  
Post Graduate, Tez Savunma Jürisi, İÜ İşletme Fak., June, 2010  
Post Graduate, Tez Savunma Jürisi, İÜ İşletme Fak., June, 2009

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

- I. **Efficiency measurement of fintech companies: a two-stage DEA approach**  
ÇAĞLAR M., NİŞEL S.  
Electronic Commerce Research, vol.24, no.2, pp.1335-1366, 2024 (SSCI)
- II. **The analytic hierarchy process and analytic network process: an overview of applications**  
Sipahi S., Timor M.  
MANAGEMENT DECISION, vol.48, pp.775-808, 2010 (SSCI)
- III. **A multi-criteria model for bidding evaluation An alternative selection of the best firms for the presentation of Istanbul 2010**  
Sipahi S., Esen O.  
MANAGEMENT DECISION, vol.48, pp.296-313, 2010 (SSCI)

## **Articles Published in Other Journals**

- I. **ANALYTIC HIERARCHY PROCESS & ANALYTIC NETWORK PROCESS IN SPORT: A COMPREHENSIVE LITERATURE REVIEW**  
Nişel S., Özdemir M.

- International Journal of Analytic Hierarchy Process, no.8, pp.405-429, 2016 (Scopus)
- II. **Using VIKOR Methodology for Ranking Universities by Academic Performance**  
NİŞEL S., Nişel R.  
Journal of Mathematics, Statistics and Operations Research, no.2, 2014 (Peer-Reviewed Journal)
- III. **An Extended VIKOR Method for Ranking Online Graduate Business Programs**  
Nişel S.  
International Journal of Information and Education Technology, no.4, pp.103-107, 2014 (Scopus)
- IV. **A Multi-Criteria Factor Evaluation Model for Gas Station Site Selection**  
Tüzmen S., Nişel S.  
Journal of Global Management, no.2, pp.12-21, 2011 (Peer-Reviewed Journal)
- V. **Expanding Operations in Fast-Food Industry under Uncertain Market Conditions**  
NİŞEL S.  
International Journal of Trade, Economics and Finance, no.1, pp.74-79, 2010 (Peer-Reviewed Journal)
- VI. **Analitik Hiyerarşi Prosesi (AHP) Tekniği ile Futbol Antrenörlerinin Sahip Olması Gereken Özelliklerinin Analizi**  
NİŞEL S., DONUK B.  
Mimar Sinan Güzel Sanatlar Üniversitesi Sosyal Bilimler Enstitüsü Sosyal Bilimler Dergisi, no.1, pp.132-142, 2010 (Peer-Reviewed Journal)
- VII. **Belirsizlik Koşulları Altında Medya Planlama: Simülasyon Temelli Alternatif Bir Optimizasyon Modeli**  
NİŞEL S.  
Elektronik Sosyal Bilimler Dergisi (ESOSDER), no.8, pp.224-234, 2009 (Peer-Reviewed Journal)
- VIII. **Fast-food restaurant site selection factor evaluation by the analytic hierarchy process**  
Sipahi S., Timor M.  
Business Review Cambridge, vol.4, no.1, pp.161-167, 2005 (Peer-Reviewed Journal)
- IX. **Analitik Hiyerarşi Prosesi (AHP) Tekniği ile Forvet Oyuncuların Yetenek ve Becerilerine Göre Değerlendirilmesi**  
NİŞEL S., Or E.  
İ.Ü. İşletme Fakültesi İşletme İktisadi Enstitüsü Yönetim Dergisi, no.16, pp.53-63, 2005 (Peer-Reviewed Journal)
- X. **Dönüşümsel Liderlik Perspektifinin Analitik Hiyerarşi Prosesi Tekniği İle Analizi**  
NİŞEL S., BERBER A.  
İ.Ü. İşletme Fakültesi Dergisi, no.31, pp.7-30, 2002 (Peer-Reviewed Journal)
- XI. **Zaman Serisi Modellerinin Elektronik Tablolar Yardımı ile Oluşturulması**  
NİŞEL S.  
İ.Ü. İşletme Fakültesi Dergisi, no.30, pp.65-77, 2001 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Excel Fonksiyonları ve İş Dünyası Uygulamaları**  
NİŞEL S.  
Çağlayan Kitabevi, İstanbul, 2016
- II. **Çok Amaçlı Modeller**  
NİŞEL S.  
in: Yöneticiler İçin Bilgisayar Destekli Karar Modelleri, Seda Tolun, Editor, Çağlayan Kitabevi, İstanbul, pp.475-519, 2008

## Refereed Congress / Symposium Publications in Proceedings

- I. **Ranking of Countries Based on Indicators of Innovation by the Method of Multi-Attribute Utility Theory**

Nişel R., NİŞEL S.

24th International Conference on Multiple Criteria Decision Making, Ottawa, Canada, 9 - 14 July 2017

- II. **An Integrated Approach for Developing a User Satisfaction Model for an Enterprise Resource Planning (ERP) Software**  
Karpak B., NİŞEL S., Nişel R.  
24th International Conference on Multiple Criteria Decision Making, Ottawa, Canada, 9 - 14 July 2017, pp.77
- III. **Multicriteria Decision Making in Sport: A Comprehensive Literature Review**  
NİŞEL S., Nişel R., ÖZDEMİR M.  
23rd International Conference on Multiple Criteria Decision Making (MCDM 2015), Hamburg, Germany, 2 - 07 August 2015, pp.28
- IV. **Determination of Factors Affecting the Classification of Countries in European Union by Cultural Similarities**  
Nişel R., NİŞEL S.  
27th European Conference on Operational Research (EURO 2015), Glasgow, United Kingdom, 12 - 15 July 2015, pp.77
- V. **An Extended VIKOR Method for Ranking Online Graduate Business Programs (Sunuma ve Basıma Kabul Edildi)**  
NİŞEL S.  
4th International Conference on Distance Learning and Education (ICDLE 2013), France, 1 - 04 October 2013
- VI. **Measuring Performance of European Countries in the Cultural Domain: an MCDM Approach**  
NİŞEL S., Nişel R.  
22nd International Conference on Multiple Criteria Decision Making (MCDM 2013), Spain, 1 - 04 June 2013, pp.274
- VII. **Using VIKOR Methodology for Ranking Universities by Academic Performance**  
NİŞEL S., Nişel R.  
3rd Annual International Operations Research and Statistics Conference (ORS 2013), Singapore, 1 - 04 April 2013, pp.25-33
- VIII. **A Multi-Criteria Factor Evaluation Model for Gas Station Site Selection**  
Tüzmen S., NİŞEL S.  
International Conference on Business and Economic Research (2nd ICBER 2011), Malaysia, 1 - 04 June 2012, pp.601-610
- IX. **Combining AHP and VIKOR Methodologies for Ranking Basketball Teams**  
NİŞEL S., DONUK B.  
The International Symposium on the Analytic Hierarchy Process (ISAHP 2011), Italy, 1 - 04 September 2011, pp.1-16
- X. **Multicriteria Approach for Prioritizing Objectives in a Strategic Plan: A Case Study From Higher Education**  
KARAEMİNOĞULLAR A., TEKARSLAN E., NİŞEL S.  
International Conference on Business and Economic Research (2nd ICBER 2011), Malaysia, pp.611-624
- XI. **Evaluating Site Selection Factors for a Main Cargo Distribution Center Using AHP**  
NİŞEL S., Coşkun E., TİMOR M.  
Third International Logistics and Supply Chain Management Congress, Turkey, 1 - 04 November 2010
- XII. **Combining the AHP and VIKOR Methodologies for Ranking Basketball Players**  
NİŞEL S., DONUK B.  
24th European Conference on Operational Research (Euro XXIV), Portugal, 1 - 04 June 2010
- XIII. **Analytic Hierarchy Process & Analytic Network Process: A Literature Review**  
TİMOR M., NİŞEL S.  
MCDM 2009, 20th MCDM Conference Chengdu/Jiuzhaigou, China, China, 1 - 04 July 2009, pp.103
- XIV. **A Multi-Criteria Approach to Bid Evaluation: Selection of the Best Firm for the Presentation of Istanbul 2010 - European Capital of Culture”, S: 102.**  
TİMOR M., NİŞEL S.  
MCDM 2009, 20th MCDM Conference Chengdu / Jiuzhaigou, China,, China, 1 - 04 July 2009, pp.102

- XV. **Analysis of Industry Needs and Current MIS Curriculum in Developing Countries: The Case of Turkey**  
TİMOR M., Coşkun E., NİŞEL S.  
18th International Conference on Multiple Criteria Decision Making, Greece, 1 - 04 June 2006
- XVI. **Business Graduate Students' Major Selection Factor Evaluation by the Analytic Hierarchy Process",**  
**Proc.,**  
TİMOR M., NİŞEL S.  
III. Uluslararası Türk Dünyası Sosyal Bilimler Kongresi, Celalabat-Kırgızistan,, Kyrgyzstan, 1 - 04 July 2005,  
pp.1103-1117
- XVII. **Hotel Quality Factors by the Analytic Hierarchy Process**  
TİMOR M., NİŞEL S.  
International Conference on Tourism- Athens Intitute for Education, Atina, Greece, 1 - 04 July 2005, pp.133-145

## Supported Projects

- NİŞEL S., Project Supported by Higher Education Institutions, Sporda Çok Amaçlı Karar Verme: Genişletilmiş Literatür Araştırması, 2015 - 2015
- NİŞEL S., Project Supported by Higher Education Institutions, Avrupa Ülkelerinin Kültürel Alanda Performans Ölçümü: Çok Amaçlı Karar Modeli Yaklaşımı, 2013 - 2015
- NİŞEL S., Project Supported by Higher Education Institutions, VIKOR Yöntemi İle Üniversitelerin Akademik Performans Sıralaması, 2012 - 2013
- NİŞEL S., Project Supported by Higher Education Institutions, AHP ve VIKOR Yöntemleri ile Basketbol Takımlarının Başarı Sıralaması, 2011 - 2012
- NİŞEL S., Project Supported by Other Official Institutions, Banka Tahsil Büroları Performans Sıralama Modeli, 2011 - 2011
- NİŞEL S., Project Supported by Higher Education Institutions, Akaryakıt İstasyonu Yer Seçimi Problemine Çok Amaçlı Bir Yaklaşım, 2010 - 2011
- NİŞEL S., Project Supported by Higher Education Institutions, Finansal Analiz ve Finansal Performans Değerlemede Güncel Yaklaşımlar, 2010 - 2011
- NİŞEL S., Project Supported by Higher Education Institutions, Sporda çok amaçlı performans değerlendirme, 2010 - 2010
- NİŞEL S., Project Supported by Higher Education Institutions, A Spreadsheet Model for the Decision of Expanding Operations under Uncertainty: A Simulation Optimization Approach, 2009 - 2010
- NİŞEL S., Project Supported by Higher Education Institutions, MBA Bitirme Projesi Danışman Atama Problemine Çok Amaçlı Bir Yaklaşım, 2009 - 2010
- NİŞEL S., Project Supported by Higher Education Institutions, A Multi-Criteria Approach to Bid Evaluation: Selection of the Best Firm for the Presentation of ?Istanbul 2010 - European Capital of Culture?, 2009 - 2009

## Activities in Scientific Journals

- Alphanumeric Journal, Publication Committee Member, 2013 - Continues
- İÜ İşletme Fakültesi Dergisi, Advisory Committee Member, 2008 - Continues

## Memberships / Tasks in Scientific Organizations

- MOPGP 2021, Member of Science Committee, 2021 - Continues, France
- MOPGP 2019, Member, 2019 - Continues
- Global Science & Technology Forum, Member, 2013 - Continues
- CONFERENCE MASTER MEMBERSHIP-MALAYSIA, Member, 2011 - Continues
- Multicriteria Decision Making Society, Member, 2000 - Continues

III. International Conference on Global Competition and Innovation Management, Member of Science Committee, 2021 - 2021, Turkey  
MCDM 2019, Member, 2019 - 2019

### **Scientific Refereeing**

International Journal of the Analytic Hierarchy process, Other Indexed Journal, March 2021  
Management Decision, SCI Journal, June 2018  
Management Decision, SCI Journal, February 2018  
Management Decision, SCI Journal, January 2018  
Journal of the Operational Research Society, Journal Indexed in SSCI, February 2017  
Journal of the Operational Research Society, Journal Indexed in SSCI, January 2017  
Journal of the Operational Research Society, Journal Indexed in SSCI, November 2016  
Journal of the Operational Research Society, Journal Indexed in SSCI, May 2016  
Journal of the Operational Research Society, Journal Indexed in SSCI, June 2015  
Computers & Industrial Engineering, Journal Indexed in SSCI, May 2015

### **Metrics**

Publication: 33  
Citation (WoS): 333  
Citation (Scopus): 469  
H-Index (WoS): 6  
H-Index (Scopus): 3

### **Congress and Symposium Activities**

European Chess Union Advisory Board Meeting, Attendee, London, United Kingdom, 2018

### **Scholarships**

İşletmelerin Performanslarının Ölçümü Üzerine Çok Kriterli Karar Verme Modellemesi, University, 2012 - 2013

### **Non Academic Experience**

European Commission, European Chess Union