

## **Prof. FATMA HANDAN GİRAY**

### **Personal Information**

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### **International Researcher IDs**

ScholarID: aujs0dsAAAAJ

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Publons / Web Of Science ResearcherID: AGH-2881-2022

Yoksis Researcher ID: 157379

### **Education Information**

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Turkey 1994 - 1999

Postgraduate, The International Center For Advanced Mediterranean Agronomic Studies in Zaragoza, Spain 1993 - 1994

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Turkey 1990 - 1994

Undergraduate, Ankara University, Faculty of Agriculture, Agricultural Economics, Turkey 1986 - 1990

### **Foreign Languages**

Spanish, B2 Upper Intermediate

English, C1 Advanced

### **Research Areas**

Farming Economy

### **Academic Titles / Tasks**

Professor, Eskisehir Osmangazi University, Ziraat Fakültesi, Agricultural Economics, 2021 - Continues

Associate Professor, Isparta University Of Applied Sciences, 2017 - 2021

Associate Professor, Suleyman Demirel University, Ziraat Fakültesi, Tarım Ekonomisi Bölümü, 2013 - 2017

Assistant Professor, Suleyman Demirel University, Ziraat Fakültesi, Tarım Ekonomisi Bölümü, 2009 - 2013

Research Assistant, Ankara University, Ziraat Fakültesi, Tarım Ekonomisi Bölümü, 1991 - 1998

### **Academic and Administrative Experience**

Head of Department, Eskisehir Osmangazi University, Ziraat Fakültesi, Agricultural Economics, 2021 - Continues

Vice Dean, Eskisehir Osmangazi University, Ziraat Fakültesi, Agricultural Economics, 2021 - 2022

Vice Dean, Suleyman Demirel University, 2011 - 2015

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

- I. **Does Consumers' Cultural Background Affect How They Perceive and Engage in Food Sustainability? A Cross-Cultural Study**  
Lizcano-Prada J., Maestre-Matos M., Mesias F. J., Lami O., GİRAY F. H., Dolekoglu C. O., Bamoi A. G. A., Martinez-Carrasco F.  
FOODS, vol.13, no.2, 2024 (SCI-Expanded)
- II. **Commitment of Spanish citizens with sustainability in food consumption: differences between Spanish regions according to their productive specialisation**  
Lami O., Mesias F. J., GİRAY F. H., Martinez-Carrasco F.  
ITEA-INFORMACION TECNICA ECONOMICA AGRARIA, vol.119, pp.387-406, 2023 (SCI-Expanded)
- III. **Dimensions of household food waste in Turkey**  
Dolekoglu C. O., Gun S., ŞENGÜL S., VAR I., GİRAY F. H.  
NEW MEDIT, vol.20, no.5, pp.47-63, 2021 (SCI-Expanded)
- IV. **Rural tourism marketing: Lavender tourism in Turkey**  
Giray F. H., Kadakoglu B., Cetin F., Bamoi A. G. A.  
CIENCIA RURAL, vol.49, no.2, 2019 (SCI-Expanded)
- V. **CHANGING APPLE PRODUCERS' BEHAVIOUR IN PEST CONTROL THROUGH PHEROMONE TRAPS: THE CASE OF BALKIRI VILLAGE IN EGIRDIR DISTRICT OF ISPARTA, TURKEY**  
Giray F. H., Cetin F., Kadakoglu B.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, no.3, pp.2247-2254, 2019 (SCI-Expanded)
- VI. **An Analysis of World Lavender Oil Markets and Lessons for Turkey**  
Giray F. H.  
JOURNAL OF ESSENTIAL OIL BEARING PLANTS, vol.21, no.6, pp.1612-1623, 2018 (SCI-Expanded)
- VII. **Agricultural landscapes, ecosystem services and regional competitiveness-Assessing drivers and mechanisms in nine European case study areas**  
Schaller L., Targetti S., Villanueva A. J., Zasada I., Kantelhardt J., Arriaza M., Bal T., Fedrigotti V. B., GİRAY F. H., Haefner K., et al.  
LAND USE POLICY, vol.76, pp.735-745, 2018 (SSCI)
- VIII. **ECONOMICS OF ROSA DAMASCENA IN ISPARTA, TURKEY**  
GİRAY F. H., ÖRMECİ KART M. Ç.  
BULGARIAN JOURNAL OF AGRICULTURAL SCIENCE, vol.18, no.5, pp.658-667, 2012 (SCI-Expanded)
- IX. **European Union food safety policies and lessons/homework for Turkey**  
Giray H., Ozkan Z.  
JOURNAL OF FOOD AGRICULTURE & ENVIRONMENT, vol.10, no.3-4, pp.51-54, 2012 (SCI-Expanded)
- X. **Turkish agriculture at a glance**  
Giray H.  
JOURNAL OF FOOD AGRICULTURE & ENVIRONMENT, vol.10, no.3-4, pp.292-295, 2012 (SCI-Expanded)

## **Articles Published in Other Journals**

- I. **KITLIK, AÇLIK, GIDA GÜVENCESİ, TAHİL KORİDORU: Az gittik uz gittik dere tepe düz gittik ama bir buğday boyu bile yol gidemedik!**  
GİRAY F. H.  
Eskişehir Osmangazi Üniversitesi Bilim Kültür Sanat Dergisi, no.8, pp.1-5, 2022 (Non Peer-Reviewed Journal)
- II. **Spanish Consumers' Commitment Towards Sustainable Food Consumption**  
Lami O., Giray F. H., J.Mesias F., Martinez-Carrasco F.  
Eurasian Journal of Agricultural Economics , vol.2, no.2, pp.53-71, 2022 (Peer-Reviewed Journal)
- III. **Bir buğday boyu yol gidemeyiş öyküsü: Tahıl Koridoru**  
GİRAY F. H.

- TarlaSera, no.147, pp.84-89, 2022 (Non Peer-Reviewed Journal)
- IV. Kaynak Kullanım Verimliliği için Entegre Bir Yaklaşım: Su-Enerji-Gıda Bağlantısı (Nexus)**  
MOHAMED, D. S., GİRAY F. H.  
EURASIAN JOURNAL OF AGRICULTURAL ECONOMICS (EJAE), vol.1, no.2, pp.66-82, 2021 (Peer-Reviewed Journal)
- V. Turkey's Competitive Power in the International Wheat Market**  
Kılıç O., GİRAY F. H.  
EURASIAN JOURNAL OF AGRICULTURAL ECONOMICS (EJAE), 2021 (Peer-Reviewed Journal)
- VI. Kırsal Kalkınmada Kültürel Ekoloji Yaklaşımı: Isparta İli Eğirdir İlçesi Göktaş Mahallesi Uygulaması**  
ŞANAL Ş., GİRAY F. H.  
OPUS Uluslararası Toplum Araştırmaları Dergisi, vol.16, no.28, pp.1483-1507, 2020 (Peer-Reviewed Journal)
- VII. Isparta Meyvecilik Sektörünün Karo Modeli ile Rekabet Analizi**  
BALCI D., GİRAY F. H.  
Türk Tarım - Gıda Bilim ve Teknoloji dergisi, vol.8, no.3, pp.784-792, 2020 (Peer-Reviewed Journal)
- VIII. Avrupa Birliği Kırsal Kalkınma Mali Yardımı IPARD Türkiye Uygulaması ve Yeni Dönem 2014 2020 Değişiklikler Akademik Bakış Dergisi 2015 S 51 ss 314 331**  
KOÇ A., GİRAY F. H.  
Akademik Bakış, no.51, pp.314-331, 2015 (Peer-Reviewed Journal)
- IX. Isparta'da Lavanta Üretimi ve Pazarlaması**  
BOZKIRAN S., GİRAY F. H.  
KONGRE, 2014 (Peer-Reviewed Journal)
- X. Yoksulluk ve Gıda İsrafı Sarmalı**  
ÖZÇİÇEK DÖLEKOĞLU C., GÜN A. S., GİRAY F. H.  
Kongre, pp.172-182, 2014 (Peer-Reviewed Journal)
- XI. Mutfaktan Çöpe Ekmek: Tüketim ve Değerlendirme**  
ÖZÇİÇEK DÖLEKOĞLU C., GİRAY F. H., ŞAHİN A.  
Akademik Bakış Uluslararası Hakemli Sosyal Bilimler Dergisi, no.44, pp.1-15, 2014 (Peer-Reviewed Journal)
- XII. Yerel Ürünlerin Ekonomik Kalkınmadaki Önemi**  
GİRAY F. H., ÖZKAN F. Z., Oran H.  
Verimlilik Dergisi, 2012 (Peer-Reviewed Journal)
- XIII. Food Quality Assurance Schemes in Turkey**  
KOÇ A. A., Aşçı S., ALPAS H., GİRAY F. H., Gay H.  
EC JRC, 2011 (Peer-Reviewed Journal)
- XIV. Food quality and safety situation in Turkey: Governance and barriers to success**  
KOÇ A. A., Aşçı S., ALPAS H., GİRAY F. H., Gay H.  
Food Economics-Acta Agriculturae Scandinavica C, vol.7, no.2-4, pp.245-259, 2010 (Peer-Reviewed Journal)
- XV. Food quality assurance and certification scheme. Stakeholder Hearing-Background Paper**  
Gay H., GİRAY F. H.  
EC JRC, 2006 (Non Peer-Reviewed Journal)
- XVI. Kırsal Kalkınmada Yeni Perspektifler**  
GİRAY F. H., Akin A., GÜN A. S.  
Tarım Ekonomisi Kongre, 2004 (Peer-Reviewed Journal)
- XVII. Yeni Hal Yasası Gerçekte Yeni Bir Yasa mı?**  
GİRAY F. H.  
Türk Kooperatif Ekin Dergisi, pp.52-56, 1998 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. TÜRKİYE (I) BADEMLİ NURSERY AGRICULTURAL DEVELOPMENT COOPERATIVE**  
GİRAY F. H., AYDOĞAN Ç., MERTOĞLU K., KULAN E. G.  
in: Enhancing sustainable rural development through social capital, Noll Dominik, Rivera Maria, Editor, Imprensa

- Universidade de Evora, Evora, pp.105-116, 2023
- II. TÜRKİYE (II) KÜMBET AGRICULTURAL DEVELOPMENT COOPERATIVE**  
 KULAN E. G., GİRAY F. H., AYDOĞAN Ç., YILDIRIM Y. E.  
 in: ENHANCING SUSTAINABLE RURAL DEVELOPMENT THROUGH SOCIAL CAPITAL, Noll Dominik, Rivera Maria, Editor, Imprensa Universidade de Evora, Evora, pp.117-126, 2023
- III. Century of Agriculture in Turkey: We've Come a Long Way**  
 GİRAY F. H.  
 in: A Companion to Modern Turkey's Centennial Political, Sociological, Economic and Institutional Transformations since 1923, Alpaslan Özerdem, Ahmet Erdi Öztürk, Editor, Edinburgh University Press , Edinburgh, pp.471-484, 2023
- IV. Tarım Sektörü ve Gıda Güvencesi Açısından Yapay Zekâ Politikaları ve Uygulamaları**  
 GİRAY F. H., Soydan H.  
 in: Yarının Teknolojik Vizyonu ve Yapay Zekâ, Demirezen, M. Umut, Editor, Nobel Kitap Yayınevi, pp.179-205, 2023
- V. Yerli Ürünlerle Yerinde Bir Kalkınma: Yalvaç Manda Kaymağı**  
 Balçı D., Kadakoğlu B., Giray F. H.  
 in: Yalvaç Kent Araştırmaları-2, Ahmet Akgül, Editor, Çizgi Kitabevi Yayınları, Ankara, pp.35-45, 2021
- VI. Alternatif Tedarik Zincirleriyle Sürdürülebilir Bir Gıda Sistemi Mümkün mü?**  
 GİRAY F. H., Abdoulaye Bamoi A. G., TARAKÇIOĞLU M.  
 in: Gıda Paradoksları Sürdürülebilirliğin Zorlukları ve Alternatif Perspektifler, Sabriye Ak Kuran, Editor, Gazi Kitapevi, Ankara, pp.73-91, 2021
- VII. YALVAÇ EKMEĞİ KALKINMA MODELİNİN TEORİK ÇERÇEVESİ**  
 Balçı D., GİRAY F. H.  
 in: Yalvaç Kent Araştırmaları, Akgül, Ahmet, Editor, Çizgi Kitabevi, İstanbul, pp.191-207, 2020
- VIII. Food Quality Assurance Schemes in Turkey**  
 KOÇ A. A., ASÇI S., ALPAS H., GİRAY F. H., GAY H.  
 LUXEMBOURG PUBLICATION OFFICE, 2011
- IX. Food Quality and Safety Situation in Turkey: Governance and Barriers to Success**  
 Giray F. H.  
 in: Food Chains Quality Safety and Efficiency in a Challenging World, BAOURAKIS,G., KALAITSIZ,P., MATTAS,K., Editor, Routledge, London/New York , New York, pp.120-140, 2011
- X. Quality Assurance Schemes and Food Marketing in the EU**  
 Gay H., Giray F. H., Vlandas P., Labeau-Dulos M.  
 in: The Crisis of Food Brands Sustaining Safe, Innovative and Competitive Food Supply, LINDGREEN A, Editor, Gower, London, pp.107-117, 2009
- XI. Approaches to Rural Typology in the European Union, JRC Scientific and Technical Reports**  
 Copus A., Psaltopoulos D., Skuros D., Terluin I., Giray F. H. (Editor), Ratinger T. (Editor)  
 Office for Official Publications of the European Communities, Luxembourg, 2008
- XII. Filière du lait et des produits laitiers en Turquie**  
 Doğruel F., Ersoy M. Ş., Altınbas S., Giray F. H., Sahin O., Gunes M., Tozanlı S.  
 in: Lait et produits laitiers en Méditerranée , Martin Padilla, Editor, CIHEAM IAMM, Montpellier, pp.306-374, 2006

### Refereed Congress / Symposium Publications in Proceedings

- I. ESTUDIO PRELIMINAR DEL COMPROMISO DE LOS CIUDADANOS CON LA SOSTENIBILIDAD Y SUS HÁBITOS DE CONSUMO DE ALIMENTOS**  
 Mesías Díaz F. J., Giray F. H., Pleite Federic M.  
 XIII CONGRESO DE ECONOMÍA AGROALIMENTARIA, Cartagena, Spain, 1 - 03 September 2021, pp.565-568
- II. A TRANS-CULTURAL STUDY ABOUT SUSTAINABILITY AND SUSTAINABLE FOOD**  
 GİRAY F. H., Abdoulaye Bamoi A. G., ÖZÇİÇEK DÖLEKOĞLU C., Maestre-Matos M., Lizcano-Prada J., Martínez-Carrasco F., J. Mesías F.

- XIII CONGRESO DE ECONOMÍA AGROALIMENTARIA, Cartagena, Colombia, 01 September 2021, pp.585-588
- III. Yararlanıcıların TKDK Desteklerine İlişkin Görüşleri: Isparta İlinde Tıbbi ve Aromatik Bitkiler Örneği  
KAPLAN K., GİRAY F. H.
- XIII. Uluslararası Katılımlı Ulusal Tarım Ekonomisi Kongresi, Kahramanmaraş, Turkey, 12 - 14 September 2018
- IV. Lavanta İşletmelerinin Yapısal Analizi  
BOZKIRAN S., GİRAY F. H.
- XII. Ulusal Tarım Ekonomisi Kongresi, Turkey, 25 - 27 May 2016
- V. Medya Gıda Sağlık Denklemi  
ÖZÇİÇEK DÖLEKOĞLU C., GİRAY F. H., ŞAHİN A.
- 2nd International Conference on Sustainable Agriculture and Environment (2nd ICSAE), Brüksel, Belgium, 9 - 11 September 2015
- VI. Farm Modernization and Rural Resilience Resilience and competitiveness of small ruminant farms in Isparta Turkey  
GİRAY F. H., BOYAR S., BAL T., KARLI B., GÜL M.
- RETHINK FINAL CONFERENCE, BRÜKSEL, Belgium, 2 - 03 December 2015
- VII. Resilience and competitiveness of small ruminant farms in Isparta  
GİRAY F. H., BOYAR S., BAL T., KARLI B., GÜL M.
- Final RETHINK Conference, Brüksel, Belgium, 2 - 03 December 2015
- VIII. Elma Pazarlaması ve Kayseri İçin Durum Analizi  
GİRAY F. H.
- Kayseri Elma Çalıştayı, Turkey, 25 - 26 March 2015
- IX. HOW DO AGRICULTURAL COOPERATIVES IN TURKEY APPROACH TO CLIMATE CHANGE  
GİRAY F. H.
- ICAO General Meeting and Seminar, 9 - 10 October 2015
- X. Evolution Of Rural Development In Turkey  
GİRAY F. H., KOÇ A., BOYAR S.
- "IV. Synergy - International Conferences – Engineering, Agriculture and Green Industry Innovation", Hungary, 12 - 15 October 2015
- XI. Resilience and governance in small ruminant sector in Isparta  
GİRAY F. H., BAL T., BOYAR S.
- International Conference on Sustainable Agriculture and Environment (2nd ICSAE), Konya, Turkey, 30 September - 03 October 2015, pp.247
- XII. Yoksulluk ve Gıda İsrafı Sarmalı  
ÖZÇİÇEK DÖLEKOĞLU C., GÜN A. S., GİRAY F. H.
- XI. Tarım Ekonomisi Kongresi Bildiri Kitabı 3-5 Eylül (s. 172-191) 2014, Samsun, Turkey, 3 - 05 September 2014
- XIII. An analytical network process approach for the evaluation of second order effects of agricultural landscape management on local economies  
TARGETTI S., SCHALLER L., VILLANUEVA A., ARRIAZA M., BAL T., BOSSI FEDRIGOTTI F., GİRAY F. H., HAFNER A., KANTELHARDT J., KAPFER M., et al.  
EAAE Congress, 26 - 29 August 2014
- XIV. Isparta da Lavanta Üretimi ve Pazarlaması  
BOZKIRAN S., GİRAY F. H.
- XI. Ulusal Tarım Ekonomisi Kongresi, Samsun, Turkey, 3 - 05 September 2014, vol.3, pp.1365-1368
- XV. The contribution of agricultural landscapes to local development and regional competitiveness an Analytical Network Process ANP in selected European Union and Candidate countries study regions  
Schaller L., Kantelhardt J., Fedrigotti V. B., Targetti S., Viaggi D., Manuel A., BAL T., GİRAY F. H., Hfner K., KART ÖRMECİ Ç., et al.  
88th Annual Conference, AgroParisTech, Paris, France, 9 - 11 April 2014
- XVI. Food Quality and Safety Situation in Turkey governance and barriers to success  
KOÇ A. A., AŞÇI S., ALPAS H., GİRAY F. H., GAY H.
- A resilient European food industry and food chain in a challenging world, 3 - 06 September 2008

- XVII. **Types of schemes operating in the EU Overlap or synergy**  
**GİRAY F. H.**  
Food Quality Conference, 5 - 06 February 2007
- XVIII. **GAP Bölgesinde Tarımsal Girdi Kullanım Analizi**  
**GİRAY F. H., MUTLU N., AÇIKGÖZ M.**  
Türkiye V. Tarım Ekonomisi Kongresi, Erzurum, Turkey, 18 - 20 September 2002, pp.102-110
- XIX. **Değişik Sosyal Çevrelerde İlkokul Öğrencilerinin Yumurta Tüketim Durumları ve Eğitimin Tüketicimin Arttırılmasına Etkileri Üzerinde Bir Araştırma**  
**GÜNEŞ T., ALBAYRAK M., TÜRKOĞLU M., ELİBOL O., GİRAY F. H.**  
Uluslararası Tavukçuluk Kongresi'93, 24 - 27 May 1995, pp.655-666

## Supported Projects

Giray F. H., KULAN E. G., Erasmus Project, Strengthening Social Capital in Rural Communities for Rural Development, 2020 - 2022

Giray F. H., Other International Funding Programs, Investigating New Partnerships Between Lithuania and Turkey Building around Bioeconomy and the Eu Green Deal Investigating New Partnerships between Lithuania and Turkey Building around Bioeconomy and the European Green Deal, 2021 - 2021

Giray F. H., Project Supported by Higher Education Institutions, Kırsal Kalkınmada Kültürel Ekoloji Yaklaşımı Isparta İl Eğirdir İlçesi Göktaş Mahallesi Uygulaması, 2018 - 2019

Giray F. H., Project Supported by Higher Education Institutions, Kümelenme ile Isparta Meyvecilik Sektörünün Rekabet Gücünün Geliştirilmesi Arayışları, 2018 - 2019

Dölekoğlu C. Ö., Giray F. H., TUBITAK Project, Türkiye'de Gıda İsrafının Boyutları, 2015 - 2018

Dölekoğlu C. Ö., Giray F. H., TUBITAK Project, Türkiye'de Hane halkı Gıda İsrafının Boyutları, 2015 - 2018

Giray F. H., EU Supported Other Project, RETHINK (Rethinking the links between farm modernisation, rural development and resilience in a world of increasing demands and finite resources), 2013 - 2016

Giray F. H., C E., FP7 Project, HealthyGrowth: From Niche to Volume with Integrity and Trust, 2013 - 2016

Giray F. H., Project Supported by Higher Education Institutions, Türkiye'de Kırsal Kalkınma Finansmanının Yeni Boyutu: IPARD, 2014 - 2015

Giray F. H., Erasmus Project, Piloting Job Rotation Programme for Employment Development in Agriculture Sector, 2013 - 2015

Viaggi D., Giray F. H., FP7 Project, Supporting the role of the Common agricultural policy in LAndscape valorisation Improving the knowledge base of the contribution of landscape Management to therural economy CLAIM FP7 KBBE 2011 5, 2012 - 2015

Giray F. H., EU Supported Other Project, Prospects of the Farming Sector and Agricultural Exports The case of Turkey EU JRC IPTS, 2011 - 2015

Giray F. H., Project Supported by Higher Education Institutions, TİBBİ VE AROMATİK BİTKİLER PAZARLAMASI: LAVANTAÖRNEĞİ-ISPARTA, 2012 - 2013

## Activities in Scientific Journals

INTEGRATED ENVIRONMENTAL ASSESSMENT AND MANAGEMENT, Evaluation Committee Member, 2023 - Continues  
EURASIAN JOURNAL OF AGRICULTURAL ECONOMICS (EJAE), First Editor, 2021 - Continues  
Meyve Bilimi, Evaluation Committee Member, 2018 - Continues

## Metrics

Publication: 58

Citation (WoS): 110

Citation (Scopus): 129

H-Index (WoS): 4

H-Index (Scopus): 5

## **Non Academic Experience**

Avrupa Birliği Ortak Araştırma Enstitüsü (EC JRC IPTS)

European Commission, EC Joint Research Centre (JRC) Institute for Prospective Technologies (IPTS) in Sevilla, AgriLife  
(Agriculture and Life in the Economy)

Development Agency, Southeastern Anatolia Regional Development Administration, Agriculture (1998-2003);

International Relation (2003-2005)

GAP BÖLGE KALKINMA İDARESİ