

## Prof. SELAHATTİN KADİR

### Personal Information

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### Education Information

Doctorate, Selcuk University, Institute Of Science, Jeoloji Mühendisliği (Dr), Turkey 1988 - 1995

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Jeoloji Mühendisliği (Yl) (Tezli), Turkey 1983 - 1984

Undergraduate, Karadeniz Technical University, Mühendislik-Mimarlık Fakültesi, Jeoloji Mühendisliği Pr., Turkey 1978 - 1982

### Foreign Languages

English, B2 Upper Intermediate

### Research Areas

Engineering and Technology

### Academic Titles / Tasks

Professor, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, JEOLojİ MÜHENDİSLİĞİ BÖLÜMÜ, 2008 - Continues

Professor, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, JEOLojİ MÜHENDİSLİĞİ BÖLÜMÜ, 2004 - Continues

### Academic and Administrative Experience

Head of Department, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, JEOLojİ MÜHENDİSLİĞİ BÖLÜMÜ, 2015 - Continues

Head of Department, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, JEOLojİ MÜHENDİSLİĞİ BÖLÜMÜ, 2004 - Continues

Director of the Center, Eskisehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, JEOLojİ MÜHENDİSLİĞİ BÖLÜMÜ, 2010 - 2013

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

1. EPMA analysis of a stalagmite from Küpeli Cave, southern Turkey: implications on detrital sediments

Palvanov M., Eren M., KADİR S.

Carbonates and Evaporites, vol.39, no.1, 2024 (SCI-Expanded)

- II. **Mineralogy, geochemistry, and micromorphology of human kidney stones (urolithiasis) from Mersin, the southern Turkey**  
Eren E., KARABULUT Y. Y., EREN M., KADİR S.  
ENVIRONMENTAL GEOCHEMISTRY AND HEALTH, vol.45, no.7, pp.4761-4777, 2023 (SCI-Expanded)
- III. **Fired shards from selected ancient Anatolian ceramics: a brief review of their mineralogical nature and pedological?microstructural evolution**  
Kapur S., KADİR S., Kelling G., Akça E., TOPAKSU M., SAKARYA N., YEĞİNGİL Z., Eren M., Fitzpatrick E. A.  
Turkish Journal of Earth Sciences, vol.32, no.4, pp.555-576, 2023 (SCI-Expanded)
- IV. **MICRO-KARSTIFICATION IN A STALAGMITE FROM KÜPELİ CAVE, SOUTHERN TURKEY MIKRO-KOROZIJA STALAGMITA V JAMI KÜPELİ, JUŽNA TURČIJA**  
Eren M., Palvanov M., KADİR S., Kapur S.  
Acta Carsologica, vol.51, no.2, pp.5-19, 2023 (SCI-Expanded)
- V. **Genesis of Smectites associated with a Coal Seams Succession in the Neogene Orhaneli and Keles Coal Deposits (Bursa), NW Turkey**  
ERKOYUN H., KADİR S., Külah T.  
Clays and Clay Minerals, vol.70, no.5, pp.628-659, 2022 (SCI-Expanded)
- VI. **Genesis of alunite-bearing kaolin deposit in Mudamköy member of the Miocene Göbel Formation, Mustafakemalpaşa (Bursa), Turkey**  
KADİR S., Ateş H., ERKOYUN H., Külah T., Esenli R. F.  
Applied Clay Science, vol.221, 2022 (SCI-Expanded)
- VII. **Primary characteristics of selected stalagmites from four caves located between Erdemli and Silifke (Mersin), southern Turkey—implications on their formation**  
Eren M., Akgöz M., KADİR S., Kapur S.  
Carbonates and Evaporites, vol.36, no.2, 2021 (SCI-Expanded)
- VIII. **Mineralogy, geochemistry, and genesis of bentonites in Upper Cretaceous pyroclastics of the Bereketli member of the Reşadiye Formation, Reşadiye (Tokat), Turkey**  
KADİR S., Külah T., ERKOYUN H., Uyanık N. Ö., Eren M., Elliott W. C.  
Applied Clay Science, vol.204, 2021 (SCI-Expanded)
- IX. **GENESIS OF THE YARIKCI HYDROTHERMAL CLAY DEPOSIT WITHIN THE MESOZOIC METAMORPHIC UNITS, MIHALICCIK, ESKISEHIR, TURKEY**  
KADİR S., ERKOYUN H., KÜLAH T.  
CLAYS AND CLAY MINERALS, vol.68, no.6, pp.553-579, 2020 (SCI-Expanded)
- X. **Biogenic (beta-fabric) features in the hard laminated crusts of the Mersin and Adana regions, southern Turkey and the role of soil organisms in the formation of the calcrete profiles**  
EREN M., KAPLAN M. Y., KADİR S., Kapur S.  
CATENA, vol.168, pp.34-46, 2018 (SCI-Expanded)
- XI. **Microstructure and palygorskite neoformation in pedogenic calcretes of central Morocco**  
Zucca C., Previtali F., Madrau S., KADİR S., EREN M., AKÇA E., Kapur S.  
CATENA, vol.168, pp.141-152, 2018 (SCI-Expanded)
- XII. **Genesis of palygorskite and calcretes in Pliocene Eskisehir Basin, west central Anatolia, Turkey**  
KADİR S., EREN M., KÜLAH T., ERKOYUN H., Huggett J., Onalgil N.  
CATENA, vol.168, pp.62-78, 2018 (SCI-Expanded)
- XIII. **OCCURRENCE OF FIBROUS CHRYSOTILE AND TREMOLITE IN THE CANKIRI AND ANKARA REGIONS, CENTRAL ANATOLIA, TURKEY**  
KÜLAH T., KADİR S., ERKOYUN H., Huggett J., Atabay E.  
CLAYS AND CLAY MINERALS, vol.66, no.2, pp.146-172, 2018 (SCI-Expanded)
- XIV. **Mineralogy and genesis of the Ni-Co lateritic regolith deposit of the Caldag area (Manisa, western Anatolia), Turkey**  
HELVACI C., OYMAN T., GÜNDOĞAN İ., SÖZBİLİR H., PARLAK O., KADİR S., Guven N.

CANADIAN JOURNAL OF EARTH SCIENCES, vol.55, no.3, pp.252-271, 2018 (SCI-Expanded)

- XV. **AN APPROACH TO GENESIS OF SEPIOLITE AND Palygorskite in lacustrine sediments of the lower Pliocene Sakarya and Porsuk formations in the Sivrihisar and Yunusemre-Bicer regions (Eskisehir), Turkey**  
KADİR S., EREN M., Irkeç T., ERKOYUN H., KÜLAH T., Onalgil N., Huggett J.  
CLAYS AND CLAY MINERALS, vol.65, no.5, pp.310-328, 2017 (SCI-Expanded)
- XVI. **MINERALOGY, GEOCHEMISTRY, AND GENESIS OF BENTONITES IN MIOCENE VOLCANIC-SEDIMENTARY UNITS OF THE ANKARA-CANKIRI BASIN, CENTRAL ANATOLIA, TURKEY**  
KADİR S., KulaH T., Onalgil N., ERKOYUN H., Elliott W. C.  
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- XVII. **Mineralogy, geochemistry and genesis of clays interlayered coal seams succession in the Neogene lacustrine Seyitomer coal deposit, Kutahya, western Turkey**  
Erkoyun H., KADİR S., KulaH T., Huggett J.  
INTERNATIONAL JOURNAL OF COAL GEOLOGY, vol.172, pp.112-133, 2017 (SCI-Expanded)
- XVIII. **Occurrence of Cr-bearing beryl in stream sediment from Eskisehir, NW Turkey**  
ERKOYUN H., KADİR S.  
EARTH SCIENCES RESEARCH JOURNAL, vol.20, no.3, 2016 (SCI-Expanded)
- XIX. **Epithermal alteration of Miocene volcanic units in the Gedikler region and the area surrounding the Kisladağ gold deposit, Uşak (western Anatolia), Turkey**  
ERKOYUN H., KADİR S.  
NEUES JAHRBUCH FÜR MINERALOGIE-ABHANDLUNGEN, vol.193, no.2, pp.121-145, 2016 (SCI-Expanded)
- XX. **MINERALOGY, GEOCHEMISTRY, AND GENESIS OF SEPIOLITE AND Palygorskite in Neogene lacustrine sediments, Eskisehir province, west central Anatolia, Turkey**  
KADİR S., ERKOYUN H., EREN M., Huggett J., Onalgil N.  
CLAYS AND CLAY MINERALS, vol.64, pp.145-166, 2016 (SCI-Expanded)
- XXI. **Sedimentological, mineralogical and geochemical characteristics of the ooids in Cleopatra (Sedir Island, Gökova Bay, SW Turkey) and Alexandria (NW Egypt) Beach sediments: A comparison and reality of myth of the love**  
EREN M., GÜLER C., KADİR S., Wanas H.  
CHEMIE DER ERDE-GEOCHEMISTRY, vol.76, no.1, pp.157-169, 2016 (SCI-Expanded)
- XXII. **COMPOSITION AND GENESIS OF THE NICKEL-CHROME-BEARING NONTRONITE AND MONTMORILLONITE IN LATERITIZED ULTRAMAFIC ROCKS IN THE MURATDAĞI REGION (USAĞ, WESTERN ANATOLIA), TURKEY**  
KADİR S., AYDOĞAN M. S., ELİTOK Ö., HELVACI C.  
CLAYS AND CLAY MINERALS, vol.63, pp.163-184, 2015 (SCI-Expanded)
- XXIII. **Colour origin of Tortonian red mudstones within the Mersin area, southern Turkey**  
EREN M., KADİR S., Kapur S., Huggett J., Zucca C.  
SEDIMENTARY GEOLOGY, vol.318, pp.10-19, 2015 (SCI-Expanded)
- XXIV. **Alteration mineralogy, lithochemistry and stable isotope geochemistry of the Murgul (Artvin, NE Turkey) volcanic hosted massive sulfide deposit: Implications for the alteration age and ore forming fluids**  
ABDİOĞLU YAZAR E., ARSLAN M., KADİR S., TEMİZEL İ.  
ORE GEOLOGY REVIEWS, vol.66, pp.219-242, 2015 (SCI-Expanded)
- XXV. **Mineralogy, geochemistry and genesis of the modern sediments of Seyfe Lake, Kirsehir, central Anatolia, Turkey**  
Onalgil N., KADİR S., KulaH T., EREN M., Gurel A.  
JOURNAL OF AFRICAN EARTH SCIENCES, vol.102, pp.116-130, 2015 (SCI-Expanded)
- XXVI. **MINERALOGICAL AND GEOCHEMICAL CHARACTERISTICS AND GENESIS OF THE GUZELYURT ALUNITE-BEARING KAOLINITE DEPOSIT WITHIN THE LATE MIOCENE GORDELES IGNIMBRITE, CENTRAL ANATOLIA, TURKEY**  
KADİR S., KulaH T., EREN M., Onalgil N., Gurel A.

- CLAYS AND CLAY MINERALS, vol.62, pp.477-499, 2014 (SCI-Expanded)
- XXVII. **MINERALOGY, GEOCHEMISTRY, AND GENESIS OF MUDSTONES IN THE UPPER MIOCENE MUSTAFAPASA MEMBER OF THE URGUP FORMATION IN THE CAPPADOCIA REGION, CENTRAL ANATOLIA, TURKEY**  
Kulah T., KADİR S., Gurel A., EREN M., Onalgi N.  
CLAYS AND CLAY MINERALS, vol.62, pp.267-285, 2014 (SCI-Expanded)
- XXVIII. **Pedogenic manganese oxide coatings (calcium buserite) on fracture surfaces in Tortonian (Upper Miocene) red mudstones, southern Turkey**  
EREN M., KADİR S., Zucca C., AKŞİT İ., Kaya Z., Kapur S.  
CATENA, vol.116, pp.149-156, 2014 (SCI-Expanded)
- XXIX. **Geology, mineralogy, geochemistry, and depositional environment of a Late Miocene/Pliocene fluviolacustrine succession, Cappadocian Volcanic Province, central Anatolia, Turkey**  
Goz E., KADİR S., Gurel A., EREN M.  
TURKISH JOURNAL OF EARTH SCIENCES, vol.23, no.4, pp.386-411, 2014 (SCI-Expanded)
- XXX. **A microscopic approach to the pedogenic formation of palygorskite associated with Quaternary calcretes of the Adana area, southern Turkey**  
YEŞİLOT KAPLAN M., EREN M., KADİR S., Kapur S., Huggett J.  
TURKISH JOURNAL OF EARTH SCIENCES, vol.23, no.5, pp.559-574, 2014 (SCI-Expanded)
- XXXI. **Physicochemical characterisation of natural K-clinoptilolite and heavy-metal forms from Gordes (Manisa, western Turkey)**  
ÜNALDI T., Mizrak I., KADİR S.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1054, pp.349-358, 2013 (SCI-Expanded)
- XXXII. **Mineralogical, geochemical and isotopic characteristics of Quaternary calcretes in the Adana region, southern Turkey: Implications on their origin**  
Kaplan M. Y., EREN M., KADİR S., Kapur S.  
CATENA, vol.101, pp.164-177, 2013 (SCI-Expanded)
- XXXIII. **Genesis of sedimentary- and vein-type magnesite deposits at Kop Mountain, NE Turkey**  
KADİR S., KOLAYLI H., EREN M.  
TURKISH JOURNAL OF EARTH SCIENCES, vol.22, no.1, pp.98-114, 2013 (SCI-Expanded)
- XXXIV. **Colour origin of red sandstone beds within the Hudai Formation (Early Cambrian), Aydıncik (Mersin), southern Turkey**  
EREN M., KADİR S.  
TURKISH JOURNAL OF EARTH SCIENCES, vol.22, no.4, pp.563-573, 2013 (SCI-Expanded)
- XXXV. **Geology of Late Miocene clayey sediments and distribution of palaeosol clay minerals in the north-eastern part of the Cappadocian Volcanic Province (Araplı-Erdemli), central Anatolia, Turkey**  
KADİR S., Gurel A., Senem H., Kulah T.  
TURKISH JOURNAL OF EARTH SCIENCES, vol.22, no.3, pp.427-443, 2013 (SCI-Expanded)
- XXXVI. **Epithermal-alteration geology, mineralogy and geochemistry of Eocene volcanic rocks in the Hasandag (Giresun) area, eastern Pontides, NE Turkey**  
Acarlioglu S., KADİR S., ABDİOĞLU YAZAR E., ARSLAN M.  
NEUES JAHRBUCH FÜR MINERALOGIE-ABHANDLUNGEN, vol.190, no.1, pp.79-99, 2013 (SCI-Expanded)
- XXXVII. **Genesis of the hydrothermal Karacayir kaolinite deposit in Miocene volcanics and Palaeozoic metamorphic rocks of the Uşak-Güre Basin, western Turkey**  
KADİR S., ERKOYUN H.  
TURKISH JOURNAL OF EARTH SCIENCES, vol.22, no.3, pp.444-468, 2013 (SCI-Expanded)
- XXXVIII. **Unheated and Heated Batch Methods in Ion Exchange of Clinoptilolite**  
ÜNALDI T., KADİR S.  
ION EXCHANGE TECHNOLOGIES, pp.315-328, 2012 (SCI-Expanded)
- XXXIX. **MINERALOGICAL AND GEOCHEMICAL CHARACTERISTICS AND GENESIS OF HYDROTHERMAL KAOLINITE DEPOSITS WITHIN NEOGENE VOLCANITES, KUTAHYA (WESTERN ANATOLIA), TURKEY**  
KADİR S., Erman H., ERKOYUN H.

- CLAYS AND CLAY MINERALS, vol.59, no.3, pp.250-276, 2011 (SCI-Expanded)
- XL. **Palygorskite-dominated clayey sedimentary beds of the cameli formation in the Neogene Sapaca lacustrine basin, Honaz, Denizli Province, SW Turkey**  
KADİR S., Akbulut A.  
NEUES JAHRBUCH FÜR MINERALOGIE-ABHANDLUNGEN, vol.188, no.2, pp.151-167, 2011 (SCI-Expanded)
- XLI. **MINERALOGY, GEOCHEMISTRY, AND ORIGIN OF BENTONITE IN UPPER CRETACEOUS PYROCLASTIC UNITS OF THE TIREBOLU AREA, GİRESUN, NORTHEAST TURKEY**  
ARSLAN M., ABDİOĞLU YAZAR E., KADİR S.  
CLAYS AND CLAY MINERALS, vol.58, no.1, pp.120-141, 2010 (SCI-Expanded)
- XLII. **THE OCCURRENCE AND ORIGIN OF THE SOGUT KAOLINITE DEPOSITS IN THE PALEOZOIC SARICAKAYA GRANITE-GRANODIORITE COMPLEXES AND OVERLYING NEOGENE SEDIMENTS (BILECIK, NORTHWESTERN TURKEY)**  
KADİR S., Kart F.  
CLAYS AND CLAY MINERALS, vol.57, no.3, pp.311-329, 2009 (SCI-Expanded)
- XLIII. **Physicochemical Characterization of Natural and Na<sup>+</sup>-, K<sup>+</sup>-, Ca<sup>2+</sup>- and Mg<sup>2+</sup>-modified Clinoptilolite from Gordes (Manisa, Turkey)**  
ÜNALDI T., ORHUN Ö., KADİR S.  
ADSORPTION SCIENCE & TECHNOLOGY, vol.27, no.6, pp.615-631, 2009 (SCI-Expanded)
- XLIV. **Geology and mineralogy of Late Miocene clayey sediments in the southeastern part of the Central Anatolian Volcanic Province, Turkey**  
Guerel A., KADİR S.  
CLAYS AND CLAY MINERALS, vol.56, no.3, pp.307-321, 2008 (SCI-Expanded)
- XLV. **The occurrence and genesis of clay minerals associated with Quaternary caliches in the Mersin area, southern Turkey**  
KADİR S., EREN M.  
CLAYS AND CLAY MINERALS, vol.56, no.2, pp.244-258, 2008 (SCI-Expanded)
- XLVI. **Environmental effect and genetic influence: a regional cancer predisposition survey in the Zonguldak region of Northwest Turkey**  
KADİR S., Onen-Hall A. P., Aydin S. N., Yakicier C., AKARSU A. N., Tuncer M.  
ENVIRONMENTAL GEOLOGY, vol.54, no.2, pp.391-409, 2008 (SCI-Expanded)
- XLVII. **Quaternary Calcrete Development in the Mersin Area, Southern Turkey**  
EREN M., KADİR S., HATİPOĞLU BAĞCI Z., GÜL M.  
TURKISH JOURNAL OF EARTH SCIENCES, vol.17, no.4, pp.763-784, 2008 (SCI-Expanded)

## Articles Published in Other Journals

- I. **The Industrial Raw Material Potential of Lower Liassic Dolomites in the Aydıncık (Mersin) Area**  
EREN M., Kaplan M. Y., KADİR S.  
TURKIYE JEOLUJİ BÜLTENİ-GEOLOGICAL BULLETIN OF TURKEY, vol.51, no.1, pp.33-42, 2008 (ESCI)
- II. **Aydıncık Mersin yöresi Alt Liyas dolomitlerinin endüstriyel hammadde pontansiyeli**  
EREN M., YEŞİLOT KAPLAN M., KADİR S.  
TÜRKİYE JEOLUJİ BÜLTENİ, pp.33-42, 2008 (Peer-Reviewed Journal)
- III. **Preliminary approach to genesis of beryl group minerals in Kaymaz, NW Sivrihisar, Eskişehir**  
ERKOYUN H., BOZKURT R., KADİR S.  
Bulletin of the Mineral Research and Exploration, vol.133, pp.31-40, 2006 (ESCI)
- IV. **Balıkesir Düvertepe kaolinitinin karakteristik özelliklerinin belirlenmesi**  
ARIK H., KADİR S.  
GAZİ ÜNİVERSİTESİ TEKNİK EĞİTİM FAKÜLTESİ POLİTEKNİK DERGİSİ, pp.41-45, 2002 (Peer-Reviewed Journal)
- V. **Distribution and origin of clay minerals in Konya Neogene sedimentary basin central Anatolia Turkey**

- KADİR S., KARAKAŞ Z. S.  
TURKISH JOURNAL OF EARTH SCIENCES, pp.161-167, 2002 (Scopus)
- VI. **Ankara Kızılcahamam diyatomitlerinin karakteristik özelliklerinin ve sıcaklığa bağlı faz dönüşümlerinin araştırılması**  
ARIK H., KADİR S.  
GAZİ ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, pp.103-113, 2002 (Peer-Reviewed Journal)
- VII. **Colour genesis of upper Cretaceous pelagic red sediments within the Eastern Pontides NE Turkey**  
EREN M., KADİR S.  
YERBİLİMLERİ, pp.71-79, 2001 (Peer-Reviewed Journal)
- VIII. **Devitrification of Volcanic Glasses in Konya Volcanic Units Turkey**  
KARAKAŞ Z. S., KADİR S.  
TURKISH JOURNAL OF EARTH SCIENCES, pp.39-46, 2000 (Peer-Reviewed Journal)
- IX. **Balıkesir Düvertepe kaoliniti nin Sıcaklığa bağlı faz dönüşümleri ve refrakterlik özelliğinin araştırılması**  
ARIK H., KADİR S.  
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- X. **Konya Miyosen yaşlı volkanik birimlerin mineralojik petrografik ve jeokimyasal incelenmesi ile neofom kil mineral oluşumlarının irdelenmesi**  
KADİR S., KARAKAŞ Z. S.  
MADEN TETKİK VE ARAMA DERGİSİ, pp.95-106, 2000 (Peer-Reviewed Journal)
- XI. **Sepiyolitten Si<sub>3</sub>N<sub>4</sub> e dönüşüm mekanizmaları**  
KADİR S., ARIK H.  
TURKISH JOURNAL OF ENGINEERING AND ENVIRONMENTAL SCIENCES, pp.287-298, 1999 (Peer-Reviewed Journal)
- XII. **Orijinal ve saflaştırma işlemi gören kahverengi bej ve beyaz sepiyolitlerin karakterizasyonu**  
ARIK H., KADİR S.  
GAZİ ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, pp.1077-1093, 1999 (Peer-Reviewed Journal)
- XIII. **Konya kuzeyi Neojen göl basenindeki birimlerin jeolojik ve mineralojik incelenmesi**  
KARAKAŞ Z. S., KADİR S.  
MADEN TETKİK VE ARAMA DERGİSİ, pp.121-133, 1998 (Peer-Reviewed Journal)
- XIV. **Kahverengi sepiyolitinin sıcaklığa bağlı olarak dönüşümlerinin ve refrakterlik özelliğinin araştırılması**  
ARIK H., KADİR S., SARITAŞ S.  
TURKISH JOURNAL OF ENGINEERING AND ENVIRONMENTAL SCIENCES, pp.233-244, 1996 (Peer-Reviewed Journal)
- XV. **Distribution and genesis of neoformed minerals in Koyunağlı Mihaliççik Eskişehir area**  
KADİR S., BAŞ H.  
BULLETIN OF THE MINERAL RESEARCH AND EXPLORATION, pp.51-66, 1996 (ESCI)

## Books & Book Chapters

- I. **Luvisols**  
SARI M., KURUCU Y., AKÇA E., EREN M., KADİR S., GÜNAL H., ZUCCA C., ATALAY İ., KAYA Z., PREVITALI F., et al.  
in: The Soils of Turkey, Selim Kapur Erhan Akça Hikmet Günal, Editor, Springer, Cham, pp.231-249, 2018
- II. **Pedogeomorphology**  
ATALAY İ., SAYDAM C., KADİR S., EREN M.  
in: The soils of Turkey, Selim Kapur Erhan Akça Hikmet Günal, Editor, Springer, Cham, pp.75-103, 2018
- III. **Andosols/Andosol-Like Soils**  
DİNGİL M., EREN M., KADİR S., SARIYEV A.  
in: The Soils of Turkey, Selim Kapur Erhan Akça Hikmet Günal, Editor, Springer, Cham, pp.347-357, 2018
- IV. **Luvisols**

SARI M., KURUCU Y., AKÇA E., EREN M., KADİR S., GÜNAL H., ZUCCA C., ATALAY İ., KAYA Z.  
in: The Soils of Turkey, Kapur Selim, Akça Erhan, Günal Hikmet, Editor, SPRINGER, pp.231-249, 2018

V. **Vertisols**

ÖZCAN H., AYDEMİR S., ÇULLU M. A., GÜNAL H., EREN M., KADİR S., EKİNCİ H., EVEREST T., SUNGUR A., FITZPATRICK E. A.

in: The Soils of Turkey, Selim Kapur Erhan Ekça Hikmet Günal, Editor, Springer, Cham, pp.169-206, 2018

VI. **Calcisols and Leptosols**

AKÇA E., AYDEMİR S., KADİR S., EREN M., Zucca C., GÜNAL H., Previtali F., Pandi Z., ÇİLEK A., BUDAK M., et al.

in: The Soils of Turkey, Selim Kapur, Erhan Akça, Hikmet Günal, Editor, Springer, pp.139-167, 2018

VII. **Arenosols**

ÖZCAN H., EKİNCİ H., AKÇA E., POLAT O., EREN M., KADİR S., SUNGUR A., EVEREST T., PREVITALI F., KAPUR S.

in: The Soils of Turkey, Selim Kapur Erhan Akça Hikmet Günal, Editor, Springer, Cham, pp.291-311, 2018

VIII. **Chapter 13**

ÜNALDI T., KADİR S.

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IX. **Unheated and Heated Batch Methods in Ion Exchange of Clinoptilolite**

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