

Personal Information

Email: scalli@ankara.edu.tr

Web: <https://avesis.ankara.edu.tr/scalli>

International Researcher IDs

ORCID: 0000-0002-1105-7737

ScopusID: 57194433296

Yoksis Researcher ID: 175877

Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Jeoloji Mühendisliği (Dr), Turkey 2017 - 2023

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Jeoloji Mühendisliği (YI) (Tezli), Turkey 2014 - 2017

Undergraduate, Hacettepe University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, Turkey 2007 - 2013

Foreign Languages

English, C2 Mastery

Dissertations

Doctorate, Dağlık karst akiferleri için parametrik yağış-karstik kaynak boşalım modeli geliştirilmesi, Ankara University, Fen Bilimleri Enstitüsü, 2023

Postgraduate, Pınarbaşı karst kaynağının (Seydişehir, Konya) hidrograf-kemograf analizleriyle incelenmesi, Ankara University, Fen Bilimleri Enstitüsü, Jeoloji Mühendisliği (YI) (Tezli), 2017

Research Areas

Geological Engineering, Applied Geology, Hydrogeology and Hidrology

Academic Titles / Tasks

Research Assistant, Ankara University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 2014 - Continues

Researcher, Technische Universitaet Wien, Engineering hydrology and water quantity management, E222 Institute of Hydraulic Engineering and Engineering Hydrology, 2021 - 2022

Research Assistant, Selcuk University, Faculty Of Engineering-Architecture, Jeoloji Mühendisliği Pr., 2013 - 2014

Published journal articles indexed by SCI, SSCI, and AHCI

1. Reducing climate impacts on karst groundwater resources by constructing a cave dam. A case study from Central Taurus Karst, Türkiye

Çelik M., Çallı S. S., Altın S., Özdemir Çallı K.

JOURNAL OF HYDROLOGY, vol.635, pp.1-17, 2024 (SCI-Expanded)

- II. **Revealing the positive influence of young water fractions derived from stable isotopes on the robustness of karst water resources predictions**

Çallı K. Ö., Bittner D., Liu Y., Çallı S. S., Melsen L. A., Bense V., Hartmann A.

JOURNAL OF HYDROLOGY, vol.621, pp.1-15, 2023 (SCI-Expanded)

- III. **The role of mineralogical studies in delineating the recharge area and groundwater circulation of Susuz springs, Central Taurus Belt, Turkey**

Çelik M., Çallı S. S., Karakaş Z. S.

HYDROGEOLOGY JOURNAL, vol.30, no.8, pp.2399-2415, 2022 (SCI-Expanded)

- IV. **Contribution of the satellite-data driven snow routine to a karst hydrological model**

Çallı S. S., Çallı K. Ö., Yılmaz M. T., Çelik M.

JOURNAL OF HYDROLOGY, vol.607, pp.1-17, 2022 (SCI-Expanded)

- V. **CONDUIT AND FRACTURE FLOW CHARACTERISTICS OF PINARBASI SPRING, CENTRAL TAURUS REGION, SEYDİŞEHİR, TURKEY**

Çelik M., Çallı S. S.

ACTA CARSOLOGICA, vol.50, no.1, pp.97-118, 2021 (SCI-Expanded)

- VI. **Assessment of Heavy Metal Pollution in the Groundwater of the Northern Develi Closed Basin, Kayseri, Turkey**

ARSLAN Ş., Yucel C., ÇALLI S. S., ÇELİK M.

BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, vol.99, no.2, pp.244-252, 2017 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Combination of Multiple Investigation Methods to Reveal the Recharge Area of a Karst Aquifer**

Çallı S. S., Çelik M., Karakaş Z. S.

EGU 24, Vienna, Austria, 14 - 19 April 2024, pp.1

- II. **A critical review of solute mixing and transport approaches in karstic groundwater modelling and key challenges**

Çallı K. Ö., Çallı S. S., Bittner D., Chiogna G., Hartmann A.

EGU 2023, Vienna, Austria, 23 - 28 April 2023, pp.1-2

- III. **Pınarbaşı kaynağı (Seydişehir, Konya) boşalmalarının çekilme eğrisi analizleri ile incelenmesi**

ÇALLI S. S., ÇELİK M.

Ulusal Hidrojeoloji ve Su Kaynakları Sempozyumu, Ankara, Turkey, 27 - 29 September 2018

- IV. **Irrigation water quality in the eastern part of the Göksu Delta (Silifke, Mersin) Turkey**

Demirkıran G., ÇALLI S. S., ARSLAN Ş., ÇELİK M.

3.ASM International Congress of Agriculture and Environment, 16 - 18 November 2017, pp.92

- V. **An approach to identify karstification basement: Analysis spring sediments mineralogy**

ÇALLI S. S., ARSLAN Ş., KARAKAŞ Z. S., ÇELİK M.

GSA Annual Meeting, 22 October 2017

- VI. **AN APPROACH TO IDENTIFY KARSTIFICATION BASEMENT: ANALYSIS OF SPRING SEDIMENTS MINERALOGY**

ÇALLI S. S., ARSLAN Ş., KARAKAŞ Z. S., ÇELİK M.

2017 GSA Annual Meeting, 22 - 25 October 2017

- VII. **An example of a mineralogical study in a karst aquifer system, Seydişehir, Konya, Turkey**

KARAKAŞ Z. S., ÇALLI S. S., ÇELİK M., ARSLAN Ş., ÇELİK M.

17. Ulusal Kil Sempozyumu, 4 - 07 October 2017

- VIII. **Karst akifer sisteminde mineralojik çalışmaya bir örnek: Seydişehir, Konya, Türkiye**

KARAKAŞ Z. S., ÇALLI S. S., ÇELİK M., ARSLAN Ş., ÇELİK M.

17. Ulusal Kil sempozyumu, 4 - 07 October 2017, pp.183-185

- IX. **KARST AKİFER SİSTEMİNDE MİNERALojİK ÇALIŞMAYA BİR ÖRNEK: SEYDİŞEHİR, KONYA, TÜRKİY**
KARAKAŞ Z. S., ÇALLI S. S., ÇELİK M., ARSLAN Ş., ÇELİK M.
17. Ulusal Kil Sempozyumu, Muğla, Turkey, 4 - 07 October 2017, pp.183-185
- X. **Heavy metal contamination risk in Pınarbaşı karst spring**
ÇALLI S. S., ÇELİK M.
43rd IAH Congress, 25 - 29 September 2016
- XI. **Suspended sediments in Pınarbaşı karst spring Central Taurus belt Turkey**
ÇALLI S. S., ÇELİK M.
43rd IAH Congress, Montpellier, France, 25 - 29 September 2016
- XII. **ANALYSIS OF PINARBAŞI ESTAVELLE DİSCHARGE CENTRAL TAURUS BELT SEYDİŞEHİR TURKEY**
ÇELİK M., Deneri A. H., ÇALLI S. S.
AQUA2015 42.IAH CONGRESS, ROMA, Italy, 13 - 18 September 2015

Supported Projects

Çallı S. S., TUBITAK Project, Susuz karst kaynaklarının (Seydişehir, Konya) beslenme alanının belirlenmesi, 2021 - 2021
Çelik M., Çallı S. S., Arslan Ş., Project Supported by Higher Education Institutions, Pınarbaşı karst kaynağı beslenim ve boşalım ilişkilerinin hidrojeokimyasal ve mineralojik incelemesi, 2016 - 2018

Memberships / Tasks in Scientific Organizations

EUROPEAN GEOSCIENCES UNION, Member, 2019 - Continues, Austria

Scientific Refereeing

ECOLOGICAL INDICATORS, SCI Journal, April 2024
ECOLOGICAL INDICATORS, SCI Journal, April 2024
HYDROLOGY AND EARTH SYSTEM SCIENCES, SCI Journal, April 2024
JOURNAL OF HYDROLOGY, SCI Journal, April 2024
ENVIRONMENTAL EARTH SCIENCES, SCI Journal, March 2024
JOURNAL OF HYDROLOGY. REGIONAL STUDIES, SCI Journal, March 2024
JOURNAL OF HYDROLOGY. REGIONAL STUDIES, SCI Journal, March 2024
CARBONATES AND EVAPORITES, SCI Journal, August 2023
JOURNAL OF HYDROLOGY, SCI Journal, July 2023
JOURNAL OF HYDROLOGY, SCI Journal, May 2023
JOURNAL OF HYDROLOGY, SCI Journal, April 2023
JOURNAL OF HYDROLOGY, SCI Journal, April 2023
HYDROLOGY AND EARTH SYSTEM SCIENCES, SCI Journal, November 2022
JOURNAL OF HYDROLOGY, SCI Journal, August 2022

Scientific Research / Working Group Memberships

Unikarst, Ankara University, Türkiye, unikarstankara.edu.tr, 2018 - Continues

Metrics

Publication: 18
Citation (WoS): 35
Citation (Scopus): 36
H-Index (WoS): 3
H-Index (Scopus): 3

Congress and Symposium Activities

European Geoscientific Union General Assembly 2024, Attendee, Vienna, Austria, 2024
Eurokarst 2022, Attendee, Malaga, Spain, 2022
EGU General Assembly, Attendee, Vienna, Austria, 2022
THE GEOLOGICAL SOCIETY OF AMERICA, Session Moderator, Washington, United States Of America, 2017

Scholarships

2214-A DOKTORA SIRASI YURTDIŞI ARAŞTIRMA BURSUSU, TUBİTAK, 2021 - 2022

Awards

Çallı S. S., Early Career Scientists Travel Support, European Geoscientific Union (Egu), April 2024
Çelik M., Çallı S. S., Karakaş Z. S., Editors' Choices Articles 2022, Hydrogeology Journal, December 2022