

**ACADEMIC  
CURRICULUM VITAE**

**1. Name - Surname: Cavit Atalar**

**2. Title: Professor**

**3. Educational Background:**

<b>Degree</b>	<b>Department/Program</b>	<b>University</b>	<b>Year</b>
Bachelor's	Program 5 years	Master	
Master's	Geological Engineering	Ankara University	1973
PhD	Geology	London University	1980

**4. Master's / PhD Thesis**

**4.1. Master's Thesis Title and Thesis Advisor(s):**

**Yüksek Lisans Tez Başlığı (özeti ekte) ve Tez Danışman(lar)ı: Giresun ili Tirebolu ilçesi Civarının Jeolojik ve Ekonomik Jeolojik İncelemesi. Doç.Dr. Mehmet Ayan**

**4.2. PhD Thesis /Medical Specialty Thesis Title and Advisor(s):**

**The Geology and Mineralogy of the Harşit-Köprübaşı Copper-Lead-Zinc Sulphide Deposit  
N.E. TURKEY, Prof.Dr. John Prentice**

**5. Academic Titles:**

Date of Assistant Professorship: October 1994

Date of Associate Proferssorship: August 2001

Date of Professorship: September 2015

**6. Supervised Master's and PhD Theses:**

**6.1. Master's Theses**

- 1- Adu-Parkoh, Ellen (2016), Prediction of compaction characteristics of lateritic soils in Ghana
- 2- Hussain, Arhaiem (2016), Prediction of compaction characteristics of over-consolidated soils.
- 3- Özyankı, Arif (2019) Soil classification by using artificial neural networks
- 4- Qadi, Mohamad (2019) VOLUMETRIC CALCULATIONS AND ECONOMIC ANALYSIS OF GAS IN OFFSHORE BLOCK 4, LEBANON

- 5- MOHAMMED RASHAD QADER (2019) OPTIMIZATION ANALYSES WITH THE USAGE OF COMPUTER SOFTWARE
- 6- Marwan A Omar Elosta (2020) PETROPHYSICAL ANALYSIS AND RESERVE ESTIMATION IN WAFI OILFIELD, LIBYA
- 7- Salim Ahmed Elmahde Ellafi (2021) PETROPHYSICAL EVALUATION AND RESERVE ESTIMATION OF CARBONATE RESERVOIR IN OFFSHORE LIBYA
- 8- Omar Ahmed Younus Jibreel (2021) ECONOMIC EVALUATION OF ARTIFICIAL LIFT METHOD IN 103A FIELD, LIBYA
- 9- Abdlgader Matough Eljelani Mhala (2021)
- 10- Palang Moronke Guful (2020) PREDICTION OF RESERVOIR PROPERTIES AND RESPONSE WITH ARTIFICIAL NEURAL NETWORK MODEL FOR WATER INJECTION
- 11- Awadh Salem Awadh Basara (2020) EOR SCREENING FOR EFFECTIVE PRODUCTION FROM NATURALLY FRACTURED KUHLAN RESERVOIR, HABBAN FIELD, YEMEN
- 12- Rahanat Oseheiza Mohammed (2020) COMPARATIVE STUDY ON A THREE PHASE SYSTEM FOR THE EVALUATION OF WELL PERFORMANCE AND RESULTS
- 13- Mohammed Fateeh Ghafour (2021) DETERMINATION AND REDUCTION OF CONING EFFECT
- 14- Sarkash Naeb Faidhalla (2021) ENHANCED OIL RECOVERY BY WAG PROCESS IN A MATURE OIL FIELD
- 15- MOSAKA MEKUMBA DIEUDONNE (2021) HYDRAULIC FRACTURING MODELING APPLIED TO THE PAKENHAM FIELD, TEXAS
- 16- RACHEL NENDI GOLAU (2020)
- 17- SARKAWT KARIM KAKA HAMA KAKA HAMA (2021) INVESTIGATION OF THE EFFECT OF WELL DIAMETER AND FLUID SATURATION ON WELL PERFORMANCE
- 18- TENDAI DONAVAN ZISENGWE (2022) PRODUCTION OPTIMIZATION APPLIED TO DRAUGEN FIELD, NORWAY OFFSHORE
- 19- PRINCE IYKE OJEH (2022) ANALYZATION OF THE EFFECT OF POLYMER INJECTION IN AN OIL RESERVOIR, NORTH SEA
- 20- ANTHONY OLISE BIOSE (2022) NUMERICAL INVESTIGATION OF POLYMER FLOODING IN GHAWAR FIELD, SAUDI ARABIA
- 21- OLISA LEONARD OSIMIRI (2022) NUMERICAL SIMULATION OF CO<sub>2</sub> INJECTION FOR EOR IN THE ALWYN FIELD, NORTH SEA, UK
- 22- IKECHUKWU JAMES NWANJA (2022) COMPARISON OF FOAM FLOODING AND WATER ALTERNATING GAS IN THE ASMARI RESERVOIR, IRAN
- 23- OLUWASEYIFUNMI OLAMIDE ADEWUNMI (2022) COMPARATIVE ANALYSIS OF ALKALINE SURFACTANT POLYMER AND POLYMER FLOODING IN A HEAVY OIL CANADIAN RESERVOIR
- 24- THOMPSON CLINTON UZOR (2022) ASSESSMENT OF CO<sub>2</sub> INJECTION BY MISCIBLE FLOODING AND WAG APPLICATION VIA HORIZONTAL AND VERTICAL WELL CONFIGURATIONS
- 25- Abdirasak Mohamed SAID (2023) ASSESSMENT OF POLYMER, FOAM AND CO<sub>2</sub> INJECTIONS FOR HEAVY OIL PRODUCTION USING NUMERICAL SIMULATION
- 26- Surajo Gwio MUHAMMED (2023) MODELLING OF HYBRID STEAM -CO<sub>2</sub> EOR IN A HEAVY OIL RESERVOIR AND CO<sub>2</sub> SEQUESTRATION
- 27- Aneth Henry VEGULA (2023) DESIGN OF AN OFFSHORE PIPELINE FOR NATURAL GAS TRANSPORTATION: A CASE STUDY OF SONGOSONGO FIELD, TANZANIA

## 6.2. PhD Theses

Dindar, Hilmi (2021), Jeofizik Araştırmalar Kapsamında Deprem Zemin Yapı Davranışının Modellenmesi İçin MASW, Sismik Kırılma, Tek Nokta ve Dizilim Mikrotremör Yöntemlerinin Entegrasyonunun Sağlanması: KKTC Örneği

## 7. Publications

### 7.1. Articles Published in International Peer-Reviewed Journals (SCI,SSCI, AHCI, ESCI, Scopus)

D Artiaga, J García-Veigas, DI Cendón, C Atalar, L Gibert (2021) The Messinian evaporites of the Mesaoria basin (North Cyprus): A discrepancy with the current chronostratigraphic understanding, *Palaeogeography, Palaeoclimatology, Palaeoecology* 584, 110681

H Dindar, M Akgün, C Atalar, ÖC Özdağ (2021) The assessment of local site effects and dynamic behaviour in Nicosia, Cyprus, *Geofizika* 38 (1), 61-80

C ATALAR, H ERSOY (2021) Yüksek Sıcaklıklara Maruz Kalan Kalkarenitlerin Fiziksel ve Dayanım Özelliklerindeki Değişimin Araştırılması, *Jeoloji Mühendisliği Dergisi* 45 (1), 29-40

H Ersoy, C Atalar, MO Sünnetci, H Kolaylı, M Karahan, AF Ersoy (2021) Assessment of damage on geo-mechanical and micro-structural properties of weak calcareous rocks exposed to fires using thermal treatment coefficient, *Engineering Geology* 284, 106046

Varol, B. and **Atalar, C** (2017), "Messinian evaporites in the Mesaoria Basin, North Cyprus: facies and environmental interpretations", *Carbonates and Evaporites* 32 (3), 349-365

**Atalar, C** (2011) "A review of the Origin and Properties of the Soils of Nicosia, Cyprus" *International Journal of Geotechnical Engineering*, vol. 5, issue 1, January 2011, 79-86

Patra, C.R., Das, B.M., **Atalar, C** (2005) "Bearing capacity of embedded strip foundation on geogrid-reinforced sand" *Geotextiles and Geomembranes*, v. 23, Issue 5, October 2005, 454-462

### 7.2. Articles Published in Other International Peer-Reviewed Journals

Shin, E.C., Das, B.M., Lee, E.S., **Atalar, C** (2002) "Bearing Capacity of Strip Foundation on Geogrid-reinforced Sand", *Geotechnical and Geological Engineering*, 20, 169-180.

### 7.3. Papers Presented at International Scientific Conferences and Published in Conference Proceedings

Das, B.M., Patra, C.R., Behera, R.N., Sobhan, K., Atalar, C. 2023 Bearing Capacity of Shallow Strip Foundation on Granular Soil Under Eccentric, Inclined and Eccentrically Inclined Loading—A Review *Lecture Notes in Civil Engineering*, 2023, 305, pp. 3–36

*C. Atalar, C. Patra, B. Sathy, K. Sobhan & B. Das (2022) Eccentrically loaded circular surface foundation on loose and dense sand of limited thickness, 20 ICSMGE Proceedings, 2799-2802, Sydney, Australia*

A Hussain, C Atalar (2020) Estimation of compaction characteristics of soils using Atterberg limits, *IOP Conference Series: Materials Science and Engineering* 800 (1), 012024

Y İpek, M Akgün, ÖC Özdağ, T Gönenç, E Pamuk, H Dindar, C Atalar (2020) Two dimensional determination of peak acceleration distributions during earthquakes, *IOP Conference Series: Materials Science and Engineering* 800 (1), 012024

*Adu-Parkoh, E., Atalar, C., Das, B.M., Chittarang, P. (2019) Prediction of modified Proctor compaction characteristics using Atterberg limit tests and gradation tests for laterite soils, 17th European Conference on Soil Mechanics and Geotechnical Engineering, ECSMGE 2019 - Proceedings, 2019-September*

***E. Adu-Parkoh; A. Ozyanki; B.M. Das; C. Atalar 2019 Comparison of Multiple Regression and Artificial Neural Networks in Estimating Compaction Characteristics of Lateritic Soils, Ghana, 17th European Conference on Soil Mechanics and Geotechnical Engineering, ECSMGE 2019 - Proceedings, 2019-September***

**Atalar, C**, Kumsar, H., Aydan, Ö. (2019), Failure mechanism and causes of Ergenekon landslide (Turkish Republic of Northern Cyprus - TRNC), 2019 Rock Dynamics Summit in Okinawa, 7 pages

**Atalar, C**, Shin, E.C., Das, B.M. (2018) "Behaviour of embankment on soft clay supported by geogrid and concrete piles" proceedings of the 11th International Conference on Geosynthetics S05-01, 8 pages

**Atalar, C** (2018), The historical and Present Cities of North Cyprus, 2018 Future City Forum, "Design and Construction of Urban Development", 13-15 September, Republic of Korea, pp. 307-322

**Atalar, C**, Das, B. M. (2018). Recent landslides in North Cyprus. Ce/papers, 2(2-3), 409-414. doi:10.1002/cepa.705

H Dindar, K Dimililer, ÖC Özdağ, **C Atalar**, M Akgün, A Özyankı (2017) Vulnerability index assessment using neural networks (viann): a case study of Nicosia, Cyprus.

**Atalar, C**, Kumsar, H., Aydan, Ö., Ulusay, R., Kılıç, R. (2016), "Investigation of the mechanism and causes of Serdarlı District landslide (Turkish Republic of Northern Cyprus–TRNC)", Rock Mechanics and Rock Engineering: From the Past to the Future, 635-640.

Adu-Parkoh, E. & **Atalar, C** (2016), Stabilization of Lateritic Soils in Ghana with Quarry Dust, Proceedings 11th International Symposium on Cold Regions Development, Incheon, Korea,

Akgün, M., Dindar, H., **Atalar, C** & Özdağ, Ö.C (2016) , Site characterization for earthquake resistant building design: case study of TRNC Nicosia, Proceedings of ZM2016, 2-4 June 2016, Lefkoşa, North Cyprus, 495-502.

Sahu, R., Patra, C., Das, B.M & **Atalar, C** (2016), Bearing capacity of inclined loaded strip foundation on geogrid-reinforced sand, Proceedings of ZM2016, 2-4 June 2016, Lefkoşa, North Cyprus, 583-590.

Adu-Parkoh, E., Das, B.M. & **Atalar, C** (2016), Estimation of compaction characteristics of lateritic soils, Proceedings of ZM2016, 2-4 June 2016, Lefkoşa, North Cyprus, 719-728.

Hilmi DİNDAR, **Cavit Atalar**, Mustafa AKGÜN, Mehmet UTKU, Atilla ULUĞ, Özkan Cevdet ÖZDAĞ, (2015), Relationship Between Soil And Bedrock Distinguishability By Using Microtemor and Vs30 in Trnc/Nicosia, 5th International Earthquake Symposium, Kocaeli, 258 – 259

Dindar, H., Tunçel, A. , Özdağ, Ö.C., Akgün, M., **Atalar, C**, İpek, Y., Özyankı, A. (2015), Estimation Of The Site-Bedrock Model By Using Microtremor Method: a Case Study in Lefkoşa-T.R.N.C., Multidisciplinary Approach To Solving Problems Of Geology And Geophysics- VI International Scientific Conference of Young Scientists and Students (ICYSS-2015), pp. 10-11

Das, B.M., Sivakugan, N., **Atalar, C** (2012) (Keynote) "Maximum and minimum void ratio of granular soils and median grain size – their importance and applications" proceedings of the Third

International Conference on New Developments in Soil Mechanics and Geotechnical Engineering, Lefkoşa, North Cyprus, 37-54

Patra, C.R., Sivakugan, N., Das, B.M., **Atalar, C** (2011) "Maximum relative density of clean sand as a function of median grain size and compaction energy" XV European Conference on Soil Mechanics and Geotechnical Engineering. Athens 2011, **2**, 1185-1190.

**Atalar, C**, Shin, E. C., Das, B. M., (2009) "Elastic modulus of granular soil-geogrid composite from cyclic plate load tests", proceedings of the XVIIth International Conference on Soil Mechanics and Geotechnical Engineering, 5-9 October, 2009, Alexandria, Egypt, (3), 2212-2215

Das, B.M., **Atalar, C**, Shin, E. C. (2009) (Keynote) "Developments in elastic settlement estimation procedures for shallow foundations on granular soil" proceedings of the Second International Conference on New Developments in Soil Mechanics and Geotechnical Engineering, Lefkoşa, North Cyprus 9-42

**Atalar, C**, Das, B.M. (2009) "Geotechnical Properties of Nicosia Soils, Cyprus" proceedings of the Second International Conference on New Developments in Soil Mechanics and Geotechnical Engineering, Lefkoşa, North Cyprus, 360-367

Das, B. M., Patra, C. R., **Atalar, C**, Shin, E. C. (2008) "Ultimate Bearing Capacity of Eccentrically Loaded Strip Foundation on Geogrid-Reinforced Soil", proceedings of the International Conference on Geotechnical Engineering, Hammamet, Tunisia, pp.75-84

**Atalar, C**, Das, B. M. (2008) "Unconsolidated soils of Nicosia, Cyprus" proceedings of the International Conference on Geotechnical Engineering, Hammamet, Tunisia, pp.171-181

**Atalar, C**, Das, B. M., Shin, E. C. (2007) "Stress distribution under a geogrid-reinforced granular pad – an experimental observation" proceedings of the XIV. European Conference on Soil Mechanics and Geotechnical Engineering, Madrid, Spain, (3), 1411-1416

**Atalar, C**, Durgunoğlu, H.T., Das, B.M., Hacıoğlu, E., Akol, A., Tozan, H. (2006) "Site Investigations at Near East University-Cyprus" Proceedings of the International Conference New Developments in Geoenvironmental and Geotechnical Engineering, Incheon, Republic of Korea, pp. 350-361

Patra, C. R., Das, B. M., **Atalar, C**, Salas, C.O., Shin, E. C. (2006) "Eccentrically Loaded Strip Foundation on Geogrid-Reinforced Clay" Proceedings of the International Conference New Developments in Geoenvironmental and Geotechnical Engineering, Incheon, Republic of Korea, pp. 440-450

**Atalar, C**, Kılıç, R. (2006) "Geotechnical Properties of Cyprus Clays" proceedings of the 10th International Congress of the IAEG, Nottingham, UK, 6 - 10 September 2006. paper No. 419, 8 pages.

Kilic R., Ulamis K., and **Atalar C**. (2006) "Engineering Geology Assessment of the Quaternary Alluviums and Pliocene Deposits in NW Ankara (Kazan-Ankara, Turkey)" proceedings of the 10th International Congress of the IAEG, Nottingham, UK, 6 - 10 September 2006, paper No. 342, 6 pages

**Atalar, C**, Das, B.M. (2005) "Problematic soils of Cyprus" proceedings of the International Conference on Problematic Soils, GEOPROB2005, **3**, May 2005, 1331-1338

Shin, E.C., Lee, S.H., Das, B.M., **Atalar, C** (2005) "Embankment on soft clay supported by geogrid and piles – A Pilot Scale Field Test" proceedings of the International Conference on Problematic Soils, GEOPROB2005, **2**, May 2005, 905-912

**Atalar, C** (2004) "Foundation design for swelling clays of north Nicosia" proceedings of the International Conference on Geotechnical Engineering, pp.121-128, Sharjah, UAE.

**Atalar, C, Shin, E.C., Lee, S. H., Das, B.M.** (2003) "Performance of embankment on soft clay supported by geogrid and concrete piles" proceedings of the XIII. European Conference on Soil Mechanics and Geotechnical Engineering, 559-564, Prague, Czech Republic.

Das, B.M., **Atalar, C** (2003) "Foundations on geogrid-reinforced soil subjected to cyclic loading" proceedings of the International Conference on New Developments in Soil Mechanics and Geotechnical Engineering, **1**, pp.191-198, Lefkoşa, North Cyprus.

Shin, E.C., Das, B.M., **Atalar, C** (2002) "Cyclic Plate Load Test on Geogrid-reinforced Granular Pad", proceedings of the 7<sup>th</sup> International Conference on Geosynthetics, v.1, pp.423-426, Nice, France.

Shin, E.C., Omar, M.T., Tahmaz, A.A., Das, B.M., **Atalar, C** (2002) "Shear Strength and Hydraulic Conductivity of Oil-contaminated Sand" proceedings of the Fourth International Congress on Environmental Geotechnics, v.1, pp.9-13, Rio de Janeiro, Brazil.

Omar, M.T., Tahmaz, A.A., Shin, E.C., Das, B.M., **Atalar, C** (2002) "Shear Strength of Oil-contaminated Sand" proceedings of the 6<sup>th</sup> International Symposium on Environmental Geotechnology and Global Sustainable Development, pp.519-526, Seoul, Korea.

**Atalar, C, Das, B.M., Shin, E.C., Lee, E.S.** (2001) "Settlement of Geogrid-reinforced Railroad Bed Due to Cyclic Load", proceedings of the XV<sup>th</sup> International Conference on Soil Mechanics and Geotechnical Engineering, v.3, pp. 2045-2048 İstanbul, Turkey.

Gökçekuş, H., **Atalar, C, Sidal, M.** (1998) "Water Reservoir Development in North Cyprus", proceedings of the International Conference on Water Problems in the Mediterranean Countries, Lefkoşa, North Cyprus, v.1, pp. 293-311

#### **7.4. National/international Books or Book Chapters**

5- Atalar, C., Çinicioğlu, F.(editors) 2023 Proceedings of the Fourth International Conference on New Developments in Soil Mechanics and Geotechnical Engineering **Lecture Notes in Civil Engineering** 2023, 305, 502p.

4. **Atalar, C., Çinicioğlu, F., Das, B.M., Sağlamer, A., Toğrol, E.** (editors) (2016) Proceedings of the Fourth International Conference on New Developments in Soil Mechanics and Geotechnical Engineering, 2-4 June 2016, Lefkoşa, North Cyprus,

3. **Atalar, C., Çinicioğlu, F., Das, B.M., Sağlamer, A., Toğrol, E.** (editors) (2012) Proceedings of the Third International Conference on New Developments in Soil Mechanics and Geotechnical Engineering, 28-30 June 2012, Lefkoşa, North Cyprus, 872p.

2. **Atalar, C., Çinicioğlu, F., Das, B.M., Sağlamer, A., Toğrol, E.** (editors) (2009) Proceedings of the Second International Conference on New Developments in Soil Mechanics and Geotechnical Engineering, 28-30 May 2009, Lefkoşa, North Cyprus, 601p.

1. **Atalar, C., Das, B.M., Sağlamer, A., Toğrol, E.** (editors) (2003) Proceedings of the International Conference on New Developments in Soil Mechanics and Geotechnical Engineering, v.1, 290p., v.2, 143p., Lefkoşa, North Cyprus.

1. Gökçekuş, H., **Atalar, C** (editors) (1999) Book of Abstracts of International Conference on Earthquake Hazard and Risk in the Mediterranean Region, Lefkoşa, North Cyprus, 240 p.
2. Gökçekuş, H., **Atalar, C**, Okaygün, M. (editors)(1997) Abstracts of International Conference on Water Problems in the Mediterranean Countries, 1997, Lefkoşa, North Cyprus, 177 p.
12. Erdim, H., Türkman, A., **Atalar, C** (2010) “Marketlerde İş Sağlığı ve Güvenliği El Kitabı”, 79 sayfa, Lefkoşa, Kuzey Kıbrıs. (Avrupa Birliği projesi)
11. Erdim, H., Türkman, A., **Atalar, C** (2010) “Belediyelerde İş Sağlığı ve Güvenliği El Kitabı”, 74 sayfa, Lefkoşa, Kuzey Kıbrıs. (Avrupa Birliği projesi)
10. Erdim, H., Türkman, A., **Atalar, C** (2010) “Ofislerde İş Sağlığı ve Güvenliği El Kitabı” 69 sayfa, Lefkoşa, Kuzey Kıbrıs. (Avrupa Birliği projesi)
9. Erdim, H., Türkman, A., **Atalar, C** (2010) “İnşaatlarda (Şantiyelerde) İş Sağlığı ve Güvenliği El Kitabı” 87 sayfa, Lefkoşa, Kuzey Kıbrıs. (Avrupa Birliği projesi)
8. Erdim, H., Türkman, A., **Atalar, C**, Çobanoğlu, Y. (2010) “Restorantlarda İş Sağlığı ve Güvenliği El Kitabı”, 72 sayfa, Lefkoşa, Kuzey Kıbrıs. (Avrupa Birliği projesi)
7. Erdim, H., Türkman, A., **Atalar, C**, Çobanoğlu, Y. (2010) “Plastik Sektöründe İş Sağlığı ve Güvenliği El Kitabı”, 81 sayfa, Lefkoşa, Kuzey Kıbrıs. (Avrupa Birliği projesi)
6. Erdim, H., Türkman, A., **Atalar, C**, Kordal, N. (2010) “LPG Sektöründe İş Sağlığı ve Güvenliği El Kitabı” 81 sayfa, Lefkoşa, Kuzey Kıbrıs. (Avrupa Birliği projesi)
5. Erdim, H., Türkman, A., **Atalar, C** (2010) “Matbaalarda İş Sağlığı ve Güvenliği El Kitabı”, 75 sayfa, Lefkoşa, Kuzey Kıbrıs. (Avrupa Birliği projesi)
4. Erdim, H., Türkman, A., **Atalar, C**, Tansu, A. (2010) “Ahşap Doğrama Atölyelerinde İş Sağlığı ve Güvenliği El Kitabı”, 104 sayfa, Lefkoşa, Kuzey Kıbrıs. (Avrupa Birliği projesi)
3. Erdim, H., Türkman, A., **Atalar, C**, Ekin, C. (2009) “Metal Atölyelerinde İş Sağlığı ve Güvenliği El Kitabı” 88 sayfa, Lefkoşa, Kuzey Kıbrıs. (Avrupa Birliği projesi)
2. Erdim, H., Türkman, A., **Atalar, C**, Mındıkoglu, B. (2009) “Taş Ocaklarında İş Sağlığı ve Güvenliği El Kitabı” 95 sayfa, Lefkoşa, Kuzey Kıbrıs. (Avrupa Birliği projesi)
1. **Atalar, C**, Göze, B., Fide, E., Erdim, H., Alkaravlı, M., Berksoy, O., (2006) “Kuzey Kıbrıs’ın yapı taşları”, Aralık 2006, Taşova yayını No: 2, 40 sayfa, Lefkoşa.

#### 7.5. Articles Published in National Peer-Reviewed Journals

**Atalar, C.** Das, B.M. (2011) Lefkoşa surları zeminlerinin özellikleri, İTÜ dergisi (davetli makale) cilt 10, sayı 4, 70-80.

**Atalar, C.** (2003) “Geological, geotechnical and soil investigations to reduce damages of natural disasters”, KTMMOB Teknik Birlik pp.37-49, Lefkoşa, TRNC (in Turkish)

**Atalar, C.,** Das, B. M., Kılıç, R. (2003) "Benefits to the urban planning of soil improvements" *Yerbilimcinin Sesi(Geosound)*, **20**, 50-54, Lefkoşa, TRNC (in Turkish)

**Atalar, C.** (2002) "Soil investigations at urban expansion" *Yerbilimcinin Sesi (Geosound)*, **19**, 36-41, Lefkoşa, TRNC (in Turkish)

## 7.6. Papers Presented at National Scientific Conferences and Published in Conference

### Proceedings

Ersoy, H., **Atalar, C.**, Sünneci, M.O., Karahan, M. (2022) Determination of High Temperature Effect on Engineering Properties of Rocks Using Thermal Treatment Coefficient, *MÜHJEO'2021: İstanbul, Turkey*, pp.123-130, 2022

Özyankı, A., **Atalar, C.**, Das, B. M., Dindar, H., Akgün, Özdağ,Ö.C (2018) , Yapay sinir ağları kullanılarak Kuzey Lefkoşa ince daneli zeminlerinin sınıflandırılması, *Proceedings of ZMGM17*, 26-28 Eylül 2018, İstanbul, 429-438

Yaprak İPEK, Mustafa AKGÜN, **Cavit Atalar**, Ö.Cevdet ÖZDAĞ, Tolga GÖNENÇ, Ümit BÜYÜKBOYACI, Eren PAMUK, Eren ŞAHİN (2016), 2 Boyutlu Zemin & Mühendislik Ana Kayası Modellerinin Oluşturulması: İzmir/Menemen Ovası, ZM16. Ulusal Kongresi, Erzurum, 295-300.

**Cavit Atalar**, Mustafa AKGÜN, Özkan Cevdet ÖZDAĞ, Hilmi DİNDAR, Yaprak İPEK, Eren ŞAHİN (2016), Zemin Fiziksel Özelliklerinin Mevsimsel Değişimlerinin Belirlenmesi: KKTC/Lefkoşa Örneği, ZM16. Ulusal Kongresi Ulusal Kongresi, Erzurum, 969-974.

**Atalar C.**, Varol, B.(2015), Sedimentology and mineralogy of native sulphur (nodule) - bearing gypsum in the Messinian evaporites of Northern Cyprus, 68th Geological Congress of Turkey, pp.582-583

**Atalar C.**, Kumsar, H., Aydan, O., Ulusay, R., Kılıç, R., (2015), Investigation of the mechanism and causes of Serdarlı village landslide (KKTC) using different methods, 68th Geological Congress of Turkey

Özkan Cevdet ÖZDAĞ, Eren PAMUK, Yaprak İPEK, Mustafa AKGÜN, Aykut TUNÇEL, Hilmi DİNDAR, Atilla ULUĞ, **Cavit Atalar**, Mehmet UTKU, Ulubey ÇEKEN, (2015), Geophysical Studies intended for Earthquake-Soil-Structure Interaction: An Example of K.K.T.C. (Collaboration Of DEU-EBAMER, YDU and AFAD), Genç Yerbilimciler Kongresi, İzmir, 115 – 116

Hilmi DİNDAR, **Cavit Atalar**, Mustafa AKGÜN, Mehmet UTKU, Atilla ULUĞ, Özkan Cevdet ÖZDAĞ, (2015), Relationship Between Soil And Bedrock Distinguishability By Using Microtemor and Vs30 in Trnc/Nicosia, 5th International Earthquake Symposium, Kocaeli, 258 – 259

Atalar C., Utku M., Akgun, M., Ozyalin S., Ozdag O.C (2015), In situ soil response spectra by using pseudo-stations for earthquakes, 8. National Conference on Earthquake Engineering, pp.511-517

Das, B.M., **Atalar, C** (2012) (Keynote) "Developments in the Use of Geogrids in Railroad Beds and Ballast Construction—A Review", Beşinci Ulusal Geosentetikler Konferansı, Boğaziçi Üniversitesi, İstanbul, 1-21. (İngilizce).

**Atalar, C** ve Das, B. M., (2010). "Lefkoşa zemin özelliklerinin heyelan ve sel hasar ilişkileri", ZMTM Onüçüncü Ulusal Kongresi, 821-832, İstanbul.



- Das, B.M., **Atalar, C** (2010) “Çevrimsel yük altında geogrid donatılı zeminlerde temel oturmaları”, Dördüncü Ulusal Geosentetikler Konferansı , Boğaziçi Üniversitesi, İstanbul, 151-160.
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**Atalar, C.**, 2002 "Kentlerin Gelişmesinde Zemin Araştırmaları" Çağdaş Kentler ve Yerel Yönetimler Sempozyumu, KTMMOB, 6-16 Lefkoşa, KKTC

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Kılıç, R., Varol, B., Gökten, E., Başokur, T., **Atalar, C.**, Koçbay, A., Bilgehan, R. P., Ulaş, K., Barkın, N. (2002) "Yer Seçiminde Jeoteknik İncelemeler" Lefkoşa 2020 sempozyumu bildiri No.27, 7 sayfa, Lefkoşa Belediyesi ve Yakın Doğu Üniversitesi, Lefkoşa.

Das, B.M., Omar, M.T., **Atalar, C.** (2000) "Geogrid takviyeli kil şevlerin üzerinde yer alan sürekli temellerin toplam taşıma kapasitesi" Zemin Mekaniği ve Temel Mühendisliği Sekizinci Ulusal Kongresi, İTÜ, İstanbul, 223-232.

## 8. Art and Design Activities

## 9. Projects

2022 New evaporite records from the Eastern and Western Mediterranean: contributions to the evolution of the last Salt Giant and opportunities for the energy transition projesi

2017 Lefkoşa ve Yöresi İçin Spac Yöntemi Kullanılarak S Dalga Hızının Elde Edilmesi projesi

2017 Deprem Ön kestirim projesi

2014 YDÜ Deprem istasyonu kurulumu projesi

2010 Serdarlı Heyelanı, BAP Projesi,

2008-2009 Member of Think Tank on UNDP project "sustainable use of the abandoned mines and quarries"

2008 "KKTC'nin önemli kayaç, mineral ve fosillerinin tesbiti ve Yerbilimleri Müzesi Oluşturulması" projesi, Üniversitelerarası kurul,

2008 **İş Sağlığı ve Güvenliği projesi (Avrupa Birliği).**

2007 Geotechnical Investigation of Armenian Church and Monastery Site, Lefkoşa, part of UNOPS project

2006-2007 Lefkoşa civarı (Kuzey Kıbrıs) Evaporit Zeminlerin Mühendislik özellikleri, Üniversitelerarası kurul,

2005. YDÜ Yıldız Kule projesi.

2004 Geotechnical Investigation of Bedestan, Lefkoşa, part of UNOPS project

2001 - 2003: "Swelling Clays: A Continuous Threat to the Build Environment of Cyprus", UNOPS project.

2000 : "Oakland Seismic Hazard Project" (USA), USGS project.

1998 - 1999 : "Lefkoşa - Gazimağusa Yol Projesi"

1997 : Alain Davit "Assessment of Water Resources and Use in Cyprus", UNHCR project.

## **10. Administrative Responsibilities**

2014 - Head, NEU Petroleum and Natural Gas Engineering Department

2014- Head, NEU Earthquake and Soil Research and Evaluation Center

## **11. Memberships in Scientific and Professional Organizations**

1. Union of Chambers of Turkish Cypriot Engineers and Architects, Chamber of Geoscience Engineers

2. Geo-Institute of the American Society of Civil Engineers

3. Association of Environmental & Engineering Geologist of USA

4. Türkiye Soil Mechanics and Geotechnical Engineering Association

5. Türkiye Engineering Geology Association

6. Türkiye Geosynthetics Association

7. International Society for Soil Mechanics and Geotechnical Engineering

8. International Association for Engineering Geology and the Environment

9. International Geosynthetics Society

## **12. Awards**

2023 TRNC National Struggle Medal

2023 Mineral Research and Exploration Appreciation Plaque

2023 Union of Chambers of Turkish Cypriot Engineers and Architects 50th Year Service Award in the Profession

2018 Türkiye Soil Mechanics and Geotechnical Engineering Association Award of Merit

2018 International Society for Soil Mechanics and Geotechnical Engineering Outstanding Service Award

2018 Near East University Faculty of Engineering Academic Appreciation Certificate

2015 The Historical Armenian Monastery restoration project, for which he carried out ground investigations, received the 2015 European Union Cultural Heritage Award (Europe Nostra Award)

2009 The restoration project of the Historical Bedestan, for which she carried out ground investigations, won the 2009 European Union Cultural Heritage Award (Europe Nostra Award)

2012 Award of the Turkish National Committee for Soil Mechanics and Foundation Engineering for his Great Contributions to the Representation and Interaction of the Geotechnical Community of our Country and the Turkish Republic of Northern Cyprus at the International Level with the "New Developments in Soil Mechanics and Geotechnical Engineering" International Conferences organized by him.

2012 International Society for Soil Mechanics and Geotechnical Engineering Outstanding Service Award

### 13. Undergraduate and Graduate Courses Taught in the Last Two Years

Academic Year	Semester	Course Name	Weekly Hours		Number of Students
			Theoretical	Practical	
2021 - 2022	FALL	ECC426 ENGINEERING ECONOMY	3		52
		PGE201 GENERAL GEOLOGY	3		10
		PGE549 ADVANCED PETROLEUM ECONOMICS	3		15
	SPRING	ECC426 ENGINEERING ECONOMY	3		62
		PGE424	3		12
		PGE525 ROCK MECHANICS	3		11
	SUMMER	ECC426 ENGINEERING ECONOMY	3		15
2022 - 2023	FALL	ECC426 ENGINEERING ECONOMY	3		81
		PGE201 GENERAL GEOLOGY	3		13
		PGE508 SPECIAL TOPICS IN PETROLEUM ENGINEERING	3		15
	SPRING	ECC426 ENGINEERING ECONOMY	3		56
		PGE424 PHYSICAL AND ENGINEERING PROPERTIES OF ROCK	3		15
		PGE525 ROCK MECHANICS	3		13
		PGE310 OIL AND GAS PIPELINE SYSTEM	3		10
	SUMMER	ECC426 ENGINEERING ECONOMY	3		10