

**HALİL ÖNDER**  
(Özgeçmiş)

1. **Adı Soyadı:** Halil Önder
2. **Doğum Tarihi:** 1 Ocak 1947
3. **Unvanı:** Prof. Dr.
4. **Öğrenim Durumu:**



Derece	Alan	Üniversite	Yıl
Lisans	İnşaat Mühendisliği	Orta Doğu Teknik Üniversitesi	1970
Y. Lisans	İnşaat Mühendisliği	Toulouse Paul Sabatier Üniversitesi, Fransa	1971
Doktora	İnşaat Mühendisliği (Hidromekanik)	Toulouse Paul Sabatier Üniversitesi, Fransa	1974

**5. Akademik Unvanlar**

Öğretim Görevlisi	İnşaat Mühendisliği	ODTÜ	Eylül 1974-Mart 1975
Yardımcı Doçent	İnşaat Mühendisliği	ODTÜ	Mart 1975-Nisan 1982
Doçent	İnşaat Mühendisliği	ODTÜ	Nisan 1982-Nisan 1997
Profesör	İnşaat Mühendisliği	ODTÜ	Nisan 1997-

**6. Yönetilen Yüksek Lisans ve Doktora Tezleri**

**6.1 Yüksek Lisans Tezleri**

**İstanbul Aydın Üniversitesi'nde:**

1. Biyolojik Arıtma Tesisi Projeleri Proje Yönetim Metodolojisi, Yüksek Lisans Tezi. Mustafa Kırmızı, (Mart 2015)

**Orta Doğu Teknik Üniversitesi'nde:**

1. Groundwater Vulnerability Assessment with Drastic Method: A Case-Study on Kirikkale Plain, Turkey. Msc Thesis. **Ahmet Hakan Büyükdemirci**. (2012)
1. Solution of One Dimensional Transient Flow in Composite Aquifers Using Stehfast Algorithm. Msc Thesis. **Ürün Bakar**. (2010)
2. Non-Darcian Flow through Rockfills. Msc Thesis. **Özge Küreksiz**. (2008).

3. Solution of One-Dimensional Transient Flow in Fractured Aquifers by Numerical Laplace Transform Inversion. Msc Thesis. **Serdar Dünder**. (2005).
4. Analysis of Saltwater Intrusion and Investigations on Prevention Techniques in Coastal Aquifers. Msc Thesis. **Nüvit Berkay Başdurak**. (2004)
5. Numerical Modeling of Groundwater Flow Behavior in Response to Beach Drainage. Msc Thesis. **Güneş Goler**. (2004).
6. Determination of Hydraulic Parameters of Semi-Infinite Aquifers using Marquardt Algorithm. Msc Thesis. **Cüneyt Taşkan**. (2004).
7. Combined Simulation-Optimization of an Excavation Site for Dewatering Purposes. Msc Thesis. **Korkut Demirbaş**. (2003)
8. Control of Groundwater by Underground Dams. Msc Thesis. **Metin Yılmaz**. (2003)
9. Water Surface Profiles in Non-Structural Flood Mitigation. Msc Thesis. **Ümit Sarıbacak**. (2002)
10. Seepage from Detention Basins to Groundwater Table. Msc Thesis. **Serdar Korkmaz**. (2002)
11. Unsteady One Dimensional Groundwater Flow in a Non-uniform Aquifer with Various Boundary Conditions. Msc Thesis. **Ceyda Polatel**. (2000)
12. Simulation of Groundwater Flow Using a Numerical Flow Model A Case Study: Application of MODFLOW to Misli Groundwater Basin. Msc Thesis. **Ozlem Acar**. (1998)
13. Water Surface Profile Computation in Flood Plain Channels. Msc Thesis. **Filiz Yazıcılar**. (1997).
14. Optimal Dewatering System for an Excavation of a Construction Foundation. Msc Thesis. **Murat Degirmenci**. (1997).
15. Experimental and Numerical Analysis of Unsteady One-Dimensional Groundwater Flow in a Non-Uniform Aquifer. Msc Thesis. **Mazen S. Banna** (1997).
16. Saltwater Intrusion in Coastal Aquifers. Msc Thesis. **Salih Kemal Kalyoncu**, (1986)
17. Analysis of Groundwater Flow in a Stream-Fissured Aquifer System. Msc Thesis. **Metin Guray**. (1983).
18. Seepage from Unlined Earth Channel. Msc Thesis. **Guven Ezer**. (1979).

## 6.2 Doktora Tezleri

1. Optimal Groundwater Operation Using Genetic Algorithm. Phd Thesis. **Korkut Demirbaş**. (Co-advisor) (2011).
2. Modeling of the Flood Regimes in Coupled Stream Aquifer Systems. Phd Thesis. **Serdar Korkmaz**. (2007).
3. Non-Darcian Flow in a Fractured Aquifer. Phd Thesis. **Adnan Altay Altınörs**. (2005).

## 6.3 Lisans Bitirme Tezleri

1. Analysis of Salt-Water Intrusion beneath Oceanic Islands, **Farooq Mohamed Hassan**, (1988).

2. Monitoring and Preliminary Investigation of Groundwater in Hada Al-Sham, **Hadji Mohamed Ali**, (1988).
3. Hydrological Behavior of Springs during Recession Period, **Salah Aal-Abdulnabi**, (1989).
4. Hydraulics of Flood Flow in Wadi Beds: Computation of Water Surface Profile Using HEC-2 Computer Program, **Sameer M. Bamufleh**, (1989).
5. Numerical Modelling of Saturated Subsurface Flow by Finite Difference Method: Application of CSUFDM, **Saif R. Al-Shaqsi**, (1989).
6. Application of HEC-2 Water Surface Profile Computer Program to Wadi Itwad, **Said Saleh Suleiman**, (1990).
7. Numerical Modeling of Groundwater in Hada Al-Sham, **Hatim Ratah**, (1989).

## 7. Yayınlar

### 7.1 Uluslararası hakemli dergilerde yayınlanan makaleler

1. Korkut Demirbas, Burcu Altan-Sakarya and **Halil Önder**, Optimal dewatering of an excavation site, 2012, Proceedings of the Institution of Civil Engineers *Water Management* 165 June 2012 Issue WM6, Pages 327–337
2. Serdar Korkmaz, Emmanuel Ledoux, **Halil Önder**, , Application of the coupled model to the Somme river basin, *Journal of Hydrology* 366 (2009) p.21–34.
3. Altay Altinörs & **Halil Önder**, A double-porosity model for a fractured aquifer with non-Darcian flow in fractures, *Hydrological Sciences–Journal–des Sciences Hydrologiques*, **53**(4) August 2008, pp. 868-882
4. **Halil Önder** and Metin Yilmaz, Underground Dams: A Tool of Sustainable Development and Management of Groundwater Resources . *"European Water* 11/12, EWA, Brussels, (2005) pp 35–45
5. **Halil Önder** and Serdar Korkmaz, Groundwater Mound due to Constant Recharge from a Strip Basin, *ASCE Journal of Hydrologic Engineering*. *"ASCE Journal of Hydrologic Engineering"*, 12, (2007), p.237-245.
6. Korkmaz, S. and **Önder, H.**, Seepage from a Rectangular Ditch to the Groundwater Table. *"ASCE Journal of Irrigation and Drainage Engineering"*, 132, (2006), p.263-271.
7. **Önder, H.**, One-dimensional Transient Flow in a Finite Fractured Aquifer System. *"Hydrological Sciences Journal "*, 43 , (1998), p.243-265 .
8. **Önder, Halil**, Analysis of One-Dimensional Groundwater Flow in a Non-Uniform Aquifer. *"ASCE Journal of Hydraulic Engineering"*, Vol. 123, (1997), p.pp. 732-736.
9. **Önder, Halil**, Determination of Aquifer Parameters of Finite Confined Aquifer from Constant Drawdown Non-steady Type Curve. *"Hydrological Sciences Journal"*, 39, (1994), p.269-280.
10. **Önder, H.**, Non-steady Flow Type Curves for Strip Aquifers with Constant Drawdown. *"ASCE Journal of Irrigation and Drainage Engineering."*, 120, (1994), p.732-741.

### 7.2 Uluslararası diğer hakemli dergilerde yayınlanan makaleler

### 7.3 Uluslararası bilimsel toplantılarda sunulan bildiriler

#### 7.3.1 Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında (Proceedings) basılan bildiriler

1. **H. Önder**, A. H. Büyükdemirci, Groundwater Vulnerability Assessment with Drastic Method: A Case-Study on Kırıkkale Plain, Turkey, *10<sup>th</sup> International Congress on Advances in Civil Engineering, 17-19 October (2012). Middle East Technical University, Ankara, Turkey, paper no.1380.*
2. Ürün Bakar and **Halil Önder**, Solution Of One Dimensional Transient Flow In Composite Aquifers Using Stehfest Algorithm. *10<sup>th</sup> International Congress on Advances in Civil Engineering, 17-19 October (2012). Middle East Technical University, Ankara, Turkey, paper no. 1218.*
3. K. Demirbaş, A. B. Altan-Sakarya and **H. Önder**, Combined Simulation-Optimization of a coastal aquifer by using genetic algorithm. *"6<sup>th</sup> International Symposium on Environmental Hydraulics, 23-25 June, 2010, Athens, Greece", , (2010).*
4. Altay Altınörs, **Halil Önder**, Non Darcian flow behavior in a fractured aquifer adjacent to a stream, IAHR International Groundwater Symposium, Flow and Transport in Heterogeneous Subsurface Formations: Theory, Modelling & Applications, June 18-20, 2008, Istanbul, Turkey, Proceedings (CD rom), *pp: 383-390.*
5. Serdar Korkmaz, Emmanuel Ledoux, **Halil Önder**, Modeling of a groundwater flood in the Somme River Basin, IAHR International Groundwater Symposium, Flow and Transport in Heterogeneous Subsurface Formations: Theory, Modelling & Applications, June 18-20, 2008, Istanbul, Turkey, Proceedings (CD rom), *pp: 197-206.*
6. Korkut Demirbaş, Burcu Altan-Sakarya, **Halil Önder**, Optimal groundwater management using evolutionary algorithm to prevent saltwater intrusion, IAHR International Groundwater Symposium, Flow and Transport in Heterogeneous Subsurface Formations: Theory, Modelling & Applications, June 18-20, 2008, Istanbul, Turkey, Proceedings (CD rom), *pp: 44-51.*
7. Ö. Küreksiz and **H. Önder**, Numerical and physical modeling of flow through rubble mound weir as a water use facility, *IAHR International Symposium, Riverflow 2008, 3-5 September 2008, Vol. 3, pp:2305-2312*
8. K. Demirbaş, B. Altan-Sakarya and **H. Önder**, Combined Simulation-Optimization of an Excavation Site for Dewatering Purpose, *8<sup>th</sup> International Congress on Advances in Civil Engineering, 15-17 September 2008, Eastern Mediterranean University, Famagusta, North Cyprus , vol. 1., pp: 677-685.*
9. **H. Önder**, Artificial Recharge of Treated Wastewater for Sustainable Management of Groundwater Systems in Urban Areas, *8<sup>th</sup> International Congress on Advances in Civil Engineering, 15-17 September 2008, Eastern Mediterranean University, Famagusta, North Cyprus, vol. 1, pp: 613-620.*

10. **Halil Önder** and Serdar DüNDAR, One Dimensional Transient Flow in a Finite Fractured Aquifer under Constant Discharge Condition. *"World Environmental & Water Resources Congress 2007, ASCE, May 15-19, 2007, Tampa, Florida, USA"*, , (2007), p..
11. Nuvit B. Basdurak, **Halil Önder**, and Louis H. Motz, Analysis of Techniques to Limit Saltwater Intrusion in Coastal Aquifers. *"World Environmental & Water Resources Congress 2007, ASCE, May 15-19, 2007, Tampa, Florida, USA"*, , (2007), p..
12. Korkmaz S., Ledoux, E., and **Önder, H.**, Hydrological Modeling with Improved Stream-Aquifer Interaction. *"7th International Congress on Advances in Civil Engineering, Proceedings CD-ROM"*, , (2006), p.Pap.No.ACE-545.
13. **Önder H.** and Dundar, S., One Dimensional Transient Flow in a Semi-Infinite Fractured Aquifer under Constant Discharge Condition. *"7th International Conference on Advances in Civil Engineering, Proceedings CD-ROM"*, , (2006), p.Pap.No.ACE-559.
14. Korkmaz, Serdar and **Önder, Halil**, Steady groundwater flow resulting from a constant recharge through a strip basin. *"6th International Conference: Advances in Civil Engineering 2004"*, II, (2004), p.1326-1337.
15. **Önder, Halil** and Yılmaz, Metin, Underground Dams-A Tool of Sustainable Development and Management of Groundwater Resources. *"Proceedings EWRA Symposium on Water Resources Management: Risks and Challenges for the 21st Century"*, II, (2004), p.877-889.
16. **Halil Önder** and Mohamed Jamil Abdulrazzak, Computation of Water Surface Profiles in Wadi İtwad Floodplain by Using HEC-2 Computer Program. *"The Second International Conference on Wadi Hydrology, Amman, Jordan, 1-4 July 2003"*, , (2003), p..
17. **Önder, H.**, Predicting of Groundwater Flow Behavior in Non-Uniform Aquifers in Contact with a Stream. *"Current Problems of Hydrogeology in Urban Areas, Urban Agglomerates and Industrial Centers"*, Edited by K. W. F. Howard and R. G. Israfilov, *"NATO Science Series IV- Earth and Environmental Sciences: Urban Groundwater, Vol. 8"*, (2002), p.407-423.
18. **Önder, H.** and Değirmenci, M., Optimal Dewatering System of an Excavation. *"4th International Congress on Advances in Civil Engineering "*, 3, (2000), p.1425-1434.
19. **Önder, H.** and Polatel, C., Unsteady One-Dimensional Groundwater Flow in a Nonuniform Aquifer with Various Field Conditions. *"4th International Congress on Advances in Civil Engineering "*, 3, (2000), p.1415-1424.
20. **Önder, H.** and Banna, M., Unsteady 1-d Flow in Unconfined Non-uniform Aquifers. *"1998 International Water Resources Conference "*, , (1998), p.51-56 .
21. **Önder, Halil**, Unit Response of a Stream-Non Uniform Aquifer System and Application of Convolution Relation. *"International Conference on Analytic Based Modeling of Groundwater Flow"*, Part 2, (1997), p.343-358.
22. **Önder, H.** Estimation of natural recharge into composite aquifers under arid conditions for sustainable development, Proceedings, International UNESCO Symposium, Water Resources Planning in a Changing World, Karlsruhe, Germany, June 28-30, 1994, pp. V-13-15.
23. Sorman, A.U., Abdulrazzak, M.J.and **Önder, H.** "Analysis of Maximum Flood Events and Their Probability Functions Under Arid Climatic Conditions in Saudi Arabia", *International Hydrology*

and Water Resources Symposium, Challenges for Sustainable Development, Perth, Australia 2-4 October 1991, pp. 761-768.

24. **Önder, H.** "Interaction between Conduit-type and Diffuse Flow in Karstic Formations", in Karst Water Resources, IASH, Publication No.161, Edited by G. Gunay an A. I. Johnson, 1986, Ankara, Turkey, pp. 371-385.
25. **Onder, H.** and Guray, M. "Analysis of Unsteady Ground Water Flow in a Stream Confined Fractured Aquifer System", 17 th International Congress of IAH Memoires, Volume XVII, Part 2, Proceedings, Hydrogeology of Rocks of Low Permeability, Tucson, Arizona, USA. January 7-12, 1985, pp. 695-705.
26. Dabak, T., Ger, M. and **Onder, H.** "An Experimental Study on Hydraulic Transportation of Pyrite Ore", 8 th International Technical Conference on Slurry Transportation, San Francisco, CA, March 1983, pp. 89-95.
27. **Onder, H.**, "Unsteady Groundwater Flow in a Stream-Fractured Aquifer System", in Flow and Transport in Porous Media, (Proceedings of EUROMECH 143 DELFT, 2-4 September, 1981), ed. by Verruijt, A. and F. B. J. Barrends, A. A.. Balkema, Rotterdam, Netherlands, 1981, pp. 63-68.
28. Thirriot, C. and **Onder, H.** "Simulation de Millieux Poreux Deformables par des Lits de Fibres de Verre", International Symposium on Flow Through Porous Media of I.A.H.R., Kiev, U.S.S.R., 4-7 October 1976.
29. Thirriot, C. and **Onder, H.** Rheologie Particuliere des Plaques de Fibre de Verre a la Compression", 7<sup>th</sup> International Congress on Rheology, Chalmers University of Technology, Gothenburg, Sweden, 23-27 August 1976, pp. 336-338.

### **7.3.2 Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında (Proceedings) özet (abstract) leri basılan bildiriler**

1. Kentel, E., **Önder, H.** (2013) Identification of best installed capacities for the turbines for hydropower plants, EURO/INFORMS 26th European Conference on Operation Research, Rome 1-4 JULY, 2013, (Abstract).
2. **Önder, H.** Use Of Spreadsheet Optimization In Groundwater Engineering, "25th European Conference on Operations Research, Vilnius, Lithuania. 8-11 July, 2012", (Abstract).
3. Kentel, E., **Onder, H.**, and Taskan, C., Estimation of Aquifer Parameters in Groundwater Management Using Optimization as an Inverse Problem. "25th European Conference on Operations Research, Vilnius, Lithuania. 8-11 July, 2012", (Abstract).
4. K. Demirbaş, A. B. Altan-Sakarya and **H. Önder**, Combined Simulation-Optimization of an Excavation Site for Dewatering Purpose, Lisbon, Portugal, 2010, (Abstract)
5. **Önder, Halil**, Use of Underground Dams in Sustainable Development and Management of Groundwater Resources,. "V. World Water Form, 16-22 March, 2009, Istanbul".

6. Ali Gökmen, İnci Gökmen, **Halil Önder**, and Gerhard Wilhelm Weber, Sustainable Living in Balaban Valley. "EURO-ORD Workshop: Workshop on OR for Developing Countries, July 7, 2007, Prague, Czech Republic" (Abstract).
7. GOLER Gunes and **ÖNDER Halil**, Numerical Modeling of Groundwater Flow Behaviour in Response to Beach Dewatering. "2005 New Zealand Coastal Society Conference, Coastal Problems? Innovative Solutions", 2005, (Abstract).
8. **Önder, H.** "One-Dimensional Groundwater Flow in a Semi-Infinite Composite Aquifer bounded by a stream", Annales Geophysicae, Supplement Issue 1994, XIX General Assembly, European Geophysical Society, 25-29 Grenoble, France, April 1994, (Abstract).

#### 7.4 Yazılan uluslararası kitaplar veya kitaplarda bölümler

#### 7.5 Ulusal hakemli dergilerde yayınlanan makaleler

1. KIRMIZI, M. ve **Önder, H.**, İkinci Dereceden Biyolojik Atık su Arıtma Tesisleri Proje Yönetim Metodolojisi, İstanbul Aydın Üniversitesi Dergisi 28, (2015) (1-17)
2. **Önder, Halil** ve Yılmaz, Metin, Yeraltı Su Kaynaklarının Sürdürülebilir İşletmesi ve İdaresinde Yeraltı Barajlarının Önemi. "Yapı Dünyası", 2004, s.41-49.
3. **Onder, H.** and M.J. Abdulrazzak "Analysis of salt-water intrusion in coastal aquifers", Journal of KAU: Met., Env., Arid Land Agric. Sci., Vol. 4, 1993, pp. 43-67.
4. **Onder, H.** and Hassan, F. M. "Analysis of Salt-Water Intrusion beneath an Oceanic Island", JKAU. Earth Sci., vol.3, 1990, pp.
5. **Onder, H.** "Laminar Flow Through a Conduit of Rectangular Cross Section with Injection or Suction through a Porous Wall", METU Journal of Pure and Applied Sciences, Vol. 11, No. 1, Ankara, Nisan 1978, pp. 1-22.

#### 7.6 Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

1. **ÖNDER, Halil** ve TAŞKAN, Cüneyt, Cüneyt TAŞKAN, Akarsu-Akifer Sistemlerinde Hidrolik Parametrelerin Piyezometrik Yüzeyle Gözlemlerinden Yararlanılarak Saptanması, *IV. Ulusal Su Mühendisliği Sempozyumu 06-10 Temmuz 2009 Orhantepe/İSTANBUL*
2. Serdar Korkmaz, **Halil Önder**, Emmanuel Ledoux, Balaban Havzası Hidrolojik Modeli, *Su ve Enerji Konferansı*, 25-26 Eylül 2007, Artvin, Bildiriler Kitabı, sayfa 373-382.
3. **Halil Önder**, Kentsel Alanlarda Yeraltı Sularının Sürdürülebilir Yönetiminde Simülasyon ve Optimizasyon Yöntemlerinin Kullanılması. Uygulamadan Örnekler, "5. Kentsel Altyapı Ulusal Sempozyumu, 1-2 Kasım 2007 Antakya/Hatay", Bildiriler Kitabı, (2007), s.31-49.

4. Özge Küreksiz ve **Halil Önder**, Forchheimer Denklemi Kullanılarak Taş Dolgu Regülatör İçindeki Su Yüzü Profilinin Analizi. "*III. Ulusal Su Mühendisliği Sempozyumu, 10-14 Eylül 2007 Gümüşdör/İzmir, Bildiriler Kitabı*", , (2007), s.87-97.
5. BAŞDURAK Nüvit Berkay ve **ÖNDER, H.** Kıyı akiferlerinde tuzlu su girişimi analizi ve önleme teknikleri. "*II. Ulusal Su Mühendisliği Sempozyumu 21-24 Eylül 2005 Gümüşdör/İZMİR*", , (2005), s.193-204.
6. **ÖNDER, Halil** ve TAŞKAN, Cüneyt, Yarı sonsuz akiferlerde hidrolik parametrelerin Marquardt algoritması kullanılarak saptanması. "*II. Ulusal Su Mühendisliği Sempozyumu 21-24 Eylül 2005 Gümüşdör/İZMİR*", , (2005), s.179-191.
7. GOLER Güneş ve **ÖNDER Halil**, Yeraltı suyu akımının plaj drenajı altında davranışının sayısal modellenmesi. "*5. Ulusal Kıyı Mühendisliği Sempozyumu 5-7 Mayıs 2005, Bodrum*", 1, (2005), s.175-190.
8. Yılmaz, Burak; Altan-Sakarya, Burcu; Göğüş, Mustafa; **Önder, Halil**; Aydın İsmail, Yamula Barajı ve HES Hidrolik Model Çalışmaları. "*II. Ulusal Su Mühendisliği Sempozyumu 21-24 Eylül 2005 Gümüşdör/İZMİR*", , (2005), s. 281-291.
9. Sarıbacak, Ü. ve **Önder H.**, Su Yüzü Hesapları ile Taşkın Alanlarının Belirlenmesi: Bartın Çayı Çalışması. "*1. Ulusal Su Mühendisliği Sempozyumu 22-26 September 2003 Gümüşdör/İzmir*", , (2003), s.629-641.
10. Sarıbacak, Ü. ve **Önder H.**, Taşkın Zararlarının Yapısal Olmayan Önlemlerle Azaltılmasında ve Taşkın Sonrası Acil Yardım Çalışmalarında Su Yüzü Profil Hesaplarının Kullanımı. "*1. Ulusal Su Mühendisliği Sempozyumu 22-26 September 2003 Gümüşdör/İzmir*", , (2003), s.585-595.
11. Altan-Sakarya, B. ve **Önder H.**, İnşaat Kazı Sahasının Optimum Drenajı. "*1. Ulusal Su Mühendisliği Sempozyumu 22-26 September 2003 Gümüşdör/İzmir*", , (2003), s.169-180.
12. Yazıcılar, F. ve **Önder, H.**, Taşkın Yatakları Planlamasında HEC-RAS Bilgisayar Program ile Su Yüzü Profili Hesaplanması-Bartın Nehrinde Bir Uygulam "*Su Mühendisliği Problemleri Semineri (V), DSİ, Fetfiye-Muğla, 21-23 Eylül 1998*", , (1998), s.(13) 1-21.
13. Acar Ö., **Önder H.** and Darama, Y., Misli Havzasında Yeraltı Su Akımının Sayısal Bir Model ile Simülasyonu. "*Su Mühendisliği Problemleri Semineri (V), DSİ, Fetfiye-Muğla, 21-23 Eylül 1998*", , (1998), s.(5) 1-21.
14. **Onder, H.** "Analysis of Groundwater Flow in a Composite Aquifer", First Saudi Symposium on Earth Sciences, Abstracts Faculty of Earth Sciences, King Abdulaziz University, 27-30 January 1989, Jeddah, Saudi Arabia, **(Abstract)**.
15. **Onder, H.** and Kalyoncu, S. K. "Analysis of Saltwater-Freshwater Interface in a Coastal Sand Strip", Abstracts, Tenth Symposium on the Biological Aspects of Saudi Arabia, Meteorology and Environmental Protection Administration and Saudi Biological Society, 20-24 April 1987, Jeddah, Saudi Arabia, pp. 304, **(Abstract)**.
16. Ger, A. M., **Onder, H.** and Dabak, T. Küre Pirit Cevherinin Hidrolik olarak Taşınma Ölçütleri, TÜBİTAK VII. Bilim Kongresi, 29 Eylül-3 Ekim 1980, Kuşadası, İzmir pp. 231-243.
17. **Onder, H.** Çift Gözenekli Geçirimli Ortamlarda Akım, TÜBİTAK VII. Bilim Kongresi, 29 Eylül- 3 Ekim 1980, Kuşadası, İzmir, pp. 1-14.



18. **Onder, H.**, "Çatlaklı Karbonatlı Kayalarda Su Akımı", Türkiye 2. Mühendislik Sempozyumu, 20-24 Mayıs 1980, İstanbul, **(Abstract)**.
19. **Onder, H.** Basınçlı Akiferlerde Hidrolik Parametrelerin Saptanmasında Kullanılan Beş Yöntemin Karşılaştırılması, Türkiye İnşaat Mühendisliği, 7. Teknik Kongresi, 25-27 Ekim 1978, Ankara, pp. 287-312.
20. **Onder, H.** Bir Cıdarı Geçirgen Olan Dikdörtgen Enkesitli bir Kapalı Kanalda Laminar Akım, T.B.T.A.K. VI. Bilim Kongresi, 24-28 Ekim 1977, İzmir, pp. 729-745.
21. **Onder, H.** Lifli Gözenekli Ortamların Hidrodinamik Etüdü, T.B.T.A.K. V. Bilim Kongresi 29 Eylül-2 Ekim 1975, İstanbul, pp. 659-673.

### 7.7 Yazılan ulusal kitaplar veya kitaplarda bölümler

1. **Halil Önder**, Chapter 1: Uniform Flow in Open Channels p.1-25. Post-Graduate Course in Sediment Transport Technology. (2009), DSI Basımevi, Ankara. pp.1-23.
2. Yucel, O., **Onder, H.**, and Ger, M., İnşaat Dalı Akışkanlar Mekaniği, Kara Harp Okulu Matbaası, Ders Notları 1979, Ankara, pp. 231.
3. M. Ger, H. Önder ve C. Çıray **Yeraltı Suyu Akımı**, İnşaat Mühendisliği Bölümü Yayını, METU, 1976, Ankara.

### 7.8 Diğer yayınlar

**Önder, H.**, Bölüm 6. Taşkın Havzası Hidroliği, sayfa 84-108. **TMB (Türkiye Müteahhitler Birliği)**, Batı ve Doğu Karadeniz Bölgeleri Sel Afetleri Araştırma Raporu, Türkiye Müteahhitler Birliği (TMB) Afet Yayınları, Ankara, 1998

**Onder, H.** "Laboratory Manual for HWR 251B Hydromechanics", Department of Hydrology and Water Resources Management, Faculty of Meteorology, Environment and Arid Land Agriculture, King Abdulaziz University, Jeddah, Saudi Arabia, February 1988.

### 8. Projeler

1. İnşaat Kazı Sahasının Optimum Drenajı. Research Fund AFP, METU, 1 JUNE 2000 - 1 DECEMBER 2001. **Proje Yürütücüsü** .
2. Yamula Barajının Dolusavak Hidrolik Model Çalışmaları. Demir Enerji, METU, 1 NOVEMBER 2000 - 1 MAY 2001. **Co-investigator**.
3. Bir Tarafı Nehirle Sınırlanmış İki Homojen Bölgeden Oluşan Uniform Olmayan Bir Akiferde Yeraltı Su Akımı. Research Fund, METU, 1 JUNE 1999 - 1 MAY 2000. **Proje Yürütücüsü**.
4. "Evaluation of the Water Status at Hada Al-Sham ", University Research Project, Grant No 411/95, Department of Hydrology and Water Resources Management, Faculty of Meteorology,

- Environment and Arid Land Agriculture, King Abdulaziz University, Jeddah, Saudi Arabia, (with Sorman A.U., Abdulrazzak, M. J., and Awadalla, S.E.A.) **Principal Investigator**, 1991-1994,
5. "Environmental Evaluation and Assessment of In-Land Disposal of Waste Water from Makkah Treatment Plant", University Research Project, Grant No 411/104, Department of Environmental Sciences, Faculty of Meteorology, Environment and Arid Land Agriculture, King Abdulaziz University, Jeddah, Saudi Arabia. (with Hashim, M.H., Arafa, A.M.S., Al-Solaimani, S.G.) **Co-Investigator**, 1991-1994,
  6. "Flood Estimation and Impact-Southwestern Region of Saudi Arabia", KACST Project, Grant No. AR-10-51, (with Chagarlamudi, P., Sorman, A. U., and Abdulrazzak, M. J.). **Co-Investigator**, 1989-1994,
  7. "Analysis of Fresh/Salt-Water Interface in Coastal Aquifers", University Research Project, Grant no. 407/163, King Abdulaziz University, Faculty of Meteorology, Environment, and Arid Land Agriculture, Department of Hydrology and Water Resources Management, Jeddah, Saudi Arabia. **Principal Investigator**, 1987-1988,
  8. "Model Studies of Cooling Water Intake- Outlet Alternatives of Akkuyu-Camalani Nuclear Power Plants of Turkish Electricity Authority", funded by TEK (Turkish Electricity Authority), Middle East Technical University, Ankara, Turkey, (with C. Çıray and M. Göğüş). **Co-Investigator**, 1983-1984,
  9. "Pump Testing-Determination of Pump Characteristics". Ministry of Rural Affairs-METU, Civil Engineering Dept., Hydromechanics Lab. (with A. Günyaktı). **Principle Investigator**, 1981,
  10. "Hydraulic Model Studies of ILISU Dam and Hydroelectric Power Plant", sponsored by Turkish Directorate of Hydroelectric Investigations (EIE), Hydromechanics Laboratory, Middle East Technical University, Ankara, Turkey, (with C. Çıray and N. Tokyay). **Co-Investigator**, 1980-1981,
  11. "Laboratory Investigation of Hydraulic Transport Characteristics of Pyrite and Copper of KURE in Northern Turkey", sponsored by Industrial Construction Company of Turkey (TUSTAS), Hydraulics Laboratory, Middle East Technical University, Ankara, Turkey, (with M. Ger and T. Tabak). **Co-Investigator**, 1978-1979,
  12. "Protection of Coal Storage Area of Iskenderun Iron and Steel Factory From Intensive Winds", sponsored by Iskenderun Iron and Steel Factory, Hydraulics Laboratory, Middle East Technical University, Ankara, Turkey, (with C. Çıray, M. Ger, and Ö. Yücel). **Co-Investigator**, 1975-1976,

## 9. İdari Görevler

Bölüm Başkanlığı	İnşaat Mühendisliği Bölümü İstanbul Aydın Üniversitesi	2013-2016
Laboratuvar Yöneticiliği	Hidromekanik Laboratuvarı ODTÜ	2000-2004
Bölüm Başkanlığı	Dept. of Hydr. & Water Res. Man. King Abdulaziz University, Jeddah, S.A.	1990-1993

Laboratuvar Yöneticiliği	Hidromekanik Laboratuvarı ODTÜ	1984-1986
Müdür Yardımcısı	Fen Bilimleri Enstitüsü, Fırat Üniversitesi	1982-1983

## 10. Bilimsel ve Mesleki Kuruluşlara Üyelikler

International Association of Hydrogeologists, 1998-2000, Member.

American Society of Civil Engineers, USA, 1998-2001, Member.

Chamber of Civil Engineers (İnşaat Mühendisliği Odası), Ankara, 1970-Present, Member.

International Association of Hydrological Sciences, Netherlands, 1994-Present, Member.

## 11. Ödüller

## 12. Son iki yılda verdiğiniz lisans ve lisansüstü düzeydeki dersler için aşağıdaki tabloyu doldurunuz.

Orta Doğu Teknik Üniversitesi'nde:

Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati		Öğrenci Sayısı
			Teorik	Uygulama	
2010-2011	Güz	CE 372 Hidromekanik	3	2	27
		CE 475 Yeraltı Suları Modellemesine Giriş	2	2	14
	İlkbahar	CE 374 Akışkanlar Mekaniği	3	0	28
		CE 599 Yeraltı Suları Hidroliği	3	0	11
2011-2012	Güz	CE 372 Hidromekanik	3	2	21
		CE 374 Akışkanlar Mekaniği	3	0	29
	İlkbahar	CE 372 Hidromekanik	3	2	39
		CE 599 Yeraltı Suları Hidroliği	3	0	7

İstanbul Aydın Üniversitesi'nde:

Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati		Öğrenci Sayısı
			Teorik	Uygulama	
2012-2013	Güz	-	-	-	-
	İlkbahar	INS 206 Akışkanlar Mekaniği	2	2	28
		INM 572 Hidrolik Yapılar	3	0	8
2013-2014	Güz	INM 582 Seminer	1	0	7
		INM 371 Akışkanlar Mekaniği	2	2	45
	INM 572 Hidrolik Yapılar	3	0	14	
	İlkbahar	INM 374 Hidrolik	2	2	60
		INM 478 Water Resources and Sustainability	3	0	26
INM 512 Seminer		1	0	8	
2014-2015	Güz	INM 371 Akışkanlar Mekaniği	2	2	114
		INM 471 Su Kaynakları	3	2	59

	İlkbahar	INM 512 Seminer	0	0	7
		INM 374 Hidrolik	2	2	84
		INM 572 Hidrolik Yapılar	3	0	18
		INM 512 Seminer	1	0	13
2015-2016	Güz	INM 371 Akışkanlar Mekaniği	2	2	104
		INM 471 Su Kaynakları I	3	2	105
		INM 411 Bitirme Projesi I	2	4	8
		INM 572 Hidrolik Yapılar	3	0	16
	İlkbahar	INM 371 Akışkanlar Mekaniği	2	2	4
		INM 412 Bitirme Projesi II	2	4	5
		INM 374 Hidrolik	2	2	70
		INM 471 Su Kaynakları II	3	2	83