




Özgün Akdeğirmen



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Gender : Male

Date of Birth : 28th of February 1984

Nationality : Turkish

Research Interests

- Hydrological basin models
- Water surface analysis and flood models
- Soil water interaction and soil water characteristics

Professional Experience

- Research Assistant, Department of Civil Engineering, Antalya Bilim University, March 2015 - ongoing
- Project Engineer, ÖZSEL Design Company, 2014-2015

Education

- M.Sc. in Department of Civil Engineering, Hydromechanics and Water Resources, June 2019 Izmir Institute of Technology
- B.Sc. in Department of Civil Engineering, June 2014, Pamukkale University

Research and Teaching Experience

- Izmir, Karakuyu Region sinkhole rehabilitation project. Private founded, 2019 – ongoing.
- Izmir, Zeytinalanı Village Cemetery drainage line design, 2019.
- Izmir, Kadifekale suburban area drainage line design, 2018.
- Izmir, Alaşehir Basin determination of areal distributed percolation rates to groundwater system. Government research center (TÜBİTAK) founded, 2016 – 2018.
- Izmir, Doğançay Village Cemetery flood analysis and drainage line design, 2017.
- Izmir, Yamanlar designated waste disposal site flood analysis, 2016.

- Teaching assistants of Fluid Mechanics, Hydraulic Engineering, Water Resource Engineering, Construction Materials courses, 2015 – ongoing.

Conference Proceedings

- [Flood Wave Routing at Çamlıova Reservoir, Antalya, Turkey](#), 4th Euroasian Conference on Civil and Environmental Engineering, 17 – 18 June 2019, İstanbul/TURKEY.
- [Cyprus Water Supply Project: Features and Outcomes](#), 13th International Congress on Advances in Civil Engineering, 12 – 14 September Izmir/TURKEY.
- [Alaşehir Basin SMA \(Soil Moisture Accounting\) Hydrological Model](#), 71st Geology Congress, 23 – 27 April 2018, Ankara/TURKEY.
- Alaşehir Basin Hec-HMS basin model building studies, 9th National Hydrology Conference, 04 – 06 October 2017, Diyarbakır/TURKEY.
- [Numerical Flood Models in Projected Waste Disposal Site in Izmir](#), IWA PPFW2017 2nd IWA Regional Symposium on Water, 22 – 24 March 2017, Izmir/TURKEY.
- [Investigation of Groundwater Recharges Mechanism in Alaşehir Plain: From Physical Characterization to Modeling](#), IWA PPFW2017 2nd IWA Regional Symposium on Water 22 – 24 March 2017, Izmir/TURKEY.
- [Civil Engineering Ethics Education](#), 3rd Civil Engineering Education Symposium, 24 – 25 October 2015, Antalya/TURKEY.

References

- Ziyad Abunada, Lecturer in School of Engineering & Technology, P +61 03 961 60696 (x50696), z.abunada@cqu.edu.au
- Alper Baba, Professor of Geology Engineering in Izmir Institute of Technology, +90 232 750 6807, alperbaba@iyte.edu.tr
- Necati Ağırlioğlu, Professor of Civil Engineering in Antalya Bilim University, +90 242 245 0000 (2342), necati.agiralioglu@antalya.edu.tr