

ÖZGEÇMİŞ

1. **Adı Soyadı:** Oğuzhan Çetindemir
2. **Doğum Tarihi:** 15.12.1986
3. **Unvanı:** Doktor
4. **Öğrenim Durumu:** Doktora

Derece	Alan	Üniversite	Yıl
Lisans	İnşaat Mühendisliği	Kocaeli Üniversitesi	2009
Y. Lisans	Deprem ve Yapı Mühendisliği Anabilim Dalı	Gebze Yüksek Teknoloji Enstitüsü	2011
Doktora	İnşaat Mühendisliği Anabilim Dalı, Deprem ve Yapı Mühendisliği Programı	Gebze Teknik Üniversitesi	2025

5. Akademik Unvanlar:

Yardımcı Doçentlik Tarihi : -
Doçentlik Tarihi : -
Profesörlük Tarihi : -

6. Yönetilen Yüksek Lisans ve Doktora Tezleri

6.1. Yüksek Lisans Tezleri -

6.2. Doktora Tezleri -

7. Yayınlar

7.1. Uluslararası hakemli dergilerde yayınlanan makaleler (SCI & SCIE & SSCI & Arts and Humanities)

- 7.1.1. Çetindemir O. (2025). **Geopolymer-based applications for bridge structures: A review**. Structural Concrete, <https://doi.org/10.1002/suco.70087>.
- 7.1.2. Yesilyurt, A., Akcan, S. O., Çetindemir, O., & Zulfikar, A. C. (2024). **Probabilistic earthquake risk consideration of existing precast industrial buildings through loss curves**. Geomechanics and Engineering, 37(6), 565. <https://doi.org/10.12989/gae.2024.37.6.565>.
- 7.1.3. Çetindemir O. (2024). **A Review of Modeling Issues on the Seismic Soil-Pile-Structure Interaction**. KSCE Journal of Civil Engineering, 1-19. <https://doi.org/10.1007/s12205-024-1108-2>.
- 7.1.4. Çetindemir, O., & Zulfikar, A. C. (2024). **Numerical validation of fully coupled nonlinear seismic soil-pile-structure interaction**. Buildings, 14(6), 1502. <https://doi.org/10.3390/buildings14061502>.
- 7.1.5. Karakostas C., Quaranta G., Chatzi E., Zulfikar A.C., Çetindemir O., Roeck De G., Döhler M., Limongelli M.P., Lombaert G., Apaydin Memisoglu N., Pakrashi V., Papadimitriou C., and Yesilyurt A. (2023) **Seismic assessment of bridges through structural health monitoring – A state-of-the-art review**. Bulletin of Earthquake Engineering. <https://doi.org/10.1007/s10518-023-01819-3>.
- 7.1.6. Çetindemir O., Zulfikar A.C., Memisoglu Apaydin N. (2023) **Dynamic modal identification of a long-span suspension bridge using measured acceleration data during a storm**. Journal of Structural Engineering. <https://doi.org/10.1061/JSENDH/STENG-11982>.
- 7.1.7. Çetindemir, O. (2023) **Nonlinear Constitutive Soil Models for the Soil-Structure Interaction Modeling Issues with Emphasis on Shallow Tunnels: A Review**. Arab J Sci Eng. <https://doi.org/10.1007/s13369-023-08140-w>.

7.1.8. Altay O., Cetindemir, O. and Aydoğdu I. (2023) Size optimization of planar truss systems using the modified salp-swarm algorithm. Engineering Optimization. <https://doi.org/10.1080/0305215X.2022.2160449>.

7.1.9. Yesilyurt A., Cetindemir O., Okuyan S., and Zulfikar A.C. (2023) Fragility-Based Rapid Earthquake Loss Assessment of Precast RC Buildings in the Marmara Region. Structural Engineering and Mechanics. <https://doi.org/10.12989/sem.2023.88.1.013>.

7.1.10. Memisoglu Apaydin N., Zulfikar A.C. & Cetindemir O. (2022) Structural health monitoring systems of long-span bridges in Turkey and lessons learned from experienced extreme events. J Civil Struct Health Monit. <https://doi.org/10.1007/s13349-022-00551-x>.

7.2. Uluslararası diğer hakemli dergilerde yayınlanan makaleler

7.3. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında (Proceedings) basılan bildiriler

7.3.1. Yesilyurt, A. 1, Akcan, S.O., Cetindemir, O. (2024). Earthquake Risk Assessment of Precast RC Structures Via Different IM and Damage Parameters, In 18th World Conference on Earthquake Engineering (WCEE2024), 30th June- 5th July 2024, Milan, Italy.

7.3.2. Cetindemir, O., Yesilyurt, A., Zulfikar, A. C., & Memisoglu Apaydin, N. (2024). Dynamic Response of a Long-Span Suspension Bridge During an Offshore Earthquake. In International Workshop on Civil Structural Health Monitoring (pp. 105-120). Cham: Springer Nature Switzerland. https://doi.org/10.1007/978-3-031-62253-3_9

7.3.3. Yesilyurt, A., Cetindemir, O., O. Akcan, S., & Zulfikar, A. C. (2024). PML Based SHM of RC Industrial Buildings Through Fragility Curves. In International Workshop on Civil Structural Health Monitoring (pp. 121-134). Cham: Springer Nature Switzerland. https://doi.org/10.1007/978-3-031-62253-3_10

7.3.4. Akcan S.O., Tekin, S., Tekir F., Boybey M.F. and Cetindemir, O. (2023) Assessment of The Seismic Hazard For Adıyaman With Deterministic Analysis Due To Probable Earthquake In The Akçadağ Segment (Malatya Fault). 6th International Conferences on Science and Technology.

7.3.5. Cetindemir O., Zulfikar, A.C. and Apaydin N.M. (2023) The state-of-the-art in health monitoring of long-span cable supported bridges in Turkey. The 8th International Symposium on Life-Cycle Civil Engineering (Special Session 29, IALCCE 2023). <https://doi.org/10.1201/9781003323020-332>.

7.3.6. Cetindemir O., Tepe E., Zulfikar A.C., Yesilyurt A., and Apaydin Memisoglu N. (2022) Long-term structural health monitoring of long-span suspension bridges and anomaly detection using statistical indicators. 11th International Conference on Structural Health Monitoring of Intelligent Infrastructure, ISSN 2564-3738 (SHMII-11, 2022/8/12).

7.3.7. Cetindemir O., Zulfikar A.C., and Yesilyurt A. (2022) Structural health monitoring of bridge structures in cold climates. 11th International Conference on Structural Health Monitoring of Intelligent Infrastructure, ISSN 2564-3738 (SHMII-11, 2022/8/12).

7.3.8. Apaydin N.M., Zulfikar AC, and Cetindemir O (2021) Structural health monitoring systems of long span bridges in Turkey and lessons learned from applications. Proceedings of the International Conference on Structural Health Monitoring of Intelligent Infrastructure Porto, Portugal, 30 June - 2 July 2021 ISSN 2564-3738 (SHMII-10) (pp. 79-105).

7.3.9. Çetindemir, O., & Akbaş, B. (2017). An Evaluation on Overstrength Factors of Reinforced Concrete Buildings. 4th International Conference on Earthquake Engineering and Seismology, Eskişehir, Turkey.

7.4. Yazılan uluslararası kitaplar veya kitaplarda bölümler

7.4.1. Cetindemir O. and Zulfikar A.C. (2023) Urban damage assessment after the Mw 5.8 Silivri Earthquake: The case of Istanbul City. Natural Hazards - New Insights. <http://dx.doi.org/10.5772/intechopen.109758>.

7.5. Ulusal hakemli dergilerde yayınlanan makaleler

7.5.1. Çetindemir O., Akbaş B., Fahjan Y., Shen J., (2011) Nonlinear Dynamic Analysis of Long- Span Cable-Stayed Bridges and Modeling Issues, 2nd Symposium on Bridges and Viaducts, 28-30 September 2011, Eskisehir, Turkey.

7.6. Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

7.7. Diğer yayınlar

8. Projeler

8.1. Araştırmacı - European Union Project-REDACT -Rapid Earthquake Damage Assessment Consortium (2020-2024) - <https://www.redact-project.eu/>

9. İdari Görevler

10. Bilimsel ve Mesleki Kuruluşlara Üyelikler

10.1. İnşaat Mühendisleri Odası, İstanbul Şubesi.

10.2. International Society for Structural Health Monitoring of Intelligent Infrastructure.

10.3. ASCE - Society Student Member

10.4. ASCE - Turkey International Group Member

10.5. ASCE - Structural Engineering Institute Member

10.6. The International Association for Bridge and Structural Engineering (IABSE)

10.7. International Association for Life-Cycle Civil Engineering (IALCCE)

11. Ödüller

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

Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati		Öğrenci Sayısı
			Teorik	Uygulama	
	Güz				
	İlkbahar				
	Güz				
	İlkbahar				

Not: Açılmışsa, yaz döneminde verilen dersler de tabloya ilave edilecektir.