

CV

1. **Name and Surname:** Cem AYDEMİR
2. **Date of birth:** 12. 03. 1978
3. **Academic Title:** Assis. Prof.
4. **Education:** Ph.D.



Degree	Field	University	Year
Bachelor's(first cycle)	Civil Engineering	Yildiz Technical University	2001
Master's(second cycle)	Civil Engineering / Structural Division	Yildiz Technical University	2005
Ph.D.(third cycle)	Civil Engineering / Structural Division	Yildiz Technical University	2011

5. Academic Titles and years received:

Assistant Professor:

6. Master and Ph.D. Theses supervised

6.1. Master Theses

6.2. Ph.D. Theses

7. Scientific Publications

7.1. Scientific journal articles published in refereed international journals (SCI,SSCI,Arts&Humanities)

Aydemir, C. and Eser, M, (2017), "Experimental Evaluation of the Damage Limit States of R/C Beams" İMO Technical Journal, X:(X), X-X.

Eser, M., and **Aydemir, C.** (2016), "Overstrength factors for SDOF and MDOF systems with soil structure interaction" EARTHQUAKES AND STRUCTURES, 10:(6), 1273-1289.

Aydemir, C., (2013), "Effect of Slab Reinforcement on Negative Moment Capacity for R/C Beams at Interior Connections", İMO Technical Journal, 24:(1), 6279-6306.

Aydemir, C., ve Zorbozan, M., (2012) "Uncertainty Analysis of Flexural Overstrength Ratio for RC Columns" Journal of Structural Engineering 138:(8), 1042-1053.

Aydemir, C., ve Zorbozan, M., (2012) "Method for Estimation of Probable Flexural Strength of R/C Columns", İMO Technical Journal, 23:(2).

Eser, M., **Aydemir, C.** and Ekiz, İ. (2012), "Inelastic Displacement Ratios for Structures with Foundation Flexibility", KSCE Journal of Civil Engineering, 16:(1).

Eser, M., **Aydemir, C.** and Ekiz, İ. (2012), "Soil Structure Interaction Effects on Strength Reduction Factors" Structural Engineering and Mechanics, 41:(3).

Eser, M., and **Aydemir, C.**, (2011) "The Effect of Soil-Structure Interaction on Inelastic Displacement Ratio of Structures" Structural Engineering and Mechanics, 39:(5), 683-701.

Aydemir, C., Kırçıl M.S., Hancıoğlu B., and Zorbozan M., (2011) "Determination of the Flexural Damage Curvature Capacity of R/C Columns" İMO Technical Journal, 22:(4), 5613-5642.

Aydemir, C., Zorbozan, M. ve Alacalı, S. (2009), "Determination of Moment Capacity M_p for Rectangular Reinforced Concrete Columns", İMO Technical Journal, 20:(1), 4545-4565. (Aydemir, C., Zorbozan, M. ve Alacalı, S. (2009), "Determination of Moment Capacity M_p for Rectangular Reinforced Concrete Columns", İMO Technical Journal, Digest 2009, 20, 1293-1312).

7.2. Scientific articles published in other refereed international journals

Eser, M., **Aydemir, C.** ve Ekiz, İ. (2011), "Effects of Soil Structure Interaction on Strength Reduction Factors", Procedia Engineering, doi:10.1016/j.proeng.2011.07.213, Vol.14: 1696-1704.

7.3. Scientific presentations presented at and published in the proceedings of international scientific conferences

Aydemir, C., Kırçıl, MS., **Eser, M.** and Zorbozan, M., "Critical Review of Code Provisions for Estimation of Probable Flexural Strength of R/C Beams", First European Conference on Earthquake Engineering and Seismology, 3 – 8 September 2006, Geneva, Switzerland.

Aydemir, C., Zorbozan, M. and Kırçıl, MS., "Uncertainty Analysis for Estimation of Flexural Strength Enhancement Ratio of R/C Columns", Fourteenth European Conference on Earthquake Engineering, 30 August – 3 September 2010, Ohrid, Macedonia.

Eser, M., **Aydemir, C.** and Ekiz, İ., "Effects of Soil Structure Interaction on Strength Reduction Factors", The Twelfth East – Asia Pacific Conference on Structural Engineering and Construction (EASEC-12), 26 – 28 January 2011, Hong Kong SAR, China.

Eser, M., **Aydemir, C.** and Ekiz, İ., "Soil Structure Interaction Effects on Response of Multistorey Structures", Structural Engineering World Congress, 4 – 6 April 2011, Como, Italy.

7.4. Scientific book(s) and chapter(s) in book(s) published by international publishers

7.5. Scientific articles published in refereed national journals

7.6. Scientific presentations presented at and published in the proceedings of national scientific conferences

7.7. Other publications

8. Scientific projects

İAÜ – BAP "An Experimental Research on Displacement Capacities of R/C Beams" 2014.

İAÜ – BAP "Experimental Research on Hysteretic Behavior of RC Beams Under Significant Gravity Loads" 2015.

İAÜ – BAP "An Experimental Research on Displacement Capacities of R/C Columns" 2016.

9. Positions

Title	University	Year
Research Assistant	Yildiz Technical University	2003 - 2011
Assis. Prof.	Istanbul Aydın University	2013 -

10. Membership in scientific and professional organizations

Turkish Chamber of Civil Engineers

11. Awards

-

12. Courses given at undergraduate and graduate level in the last two years

Academic Year	Semester	Course Name	Weekly hours		No of students
			Theo.	Lab.	