

CURRICULUM VITAE



1. **Name:** RİFAT REŞATOĞLU
2. **Date of Birth:** 31.12.1975
3. **Title:** Assoc. Prof. Dr.
4. **Degrees:** PhD

Degree	Field	Institution	Date
B.Eng. (Hons)	Civil Engineering	Eastern Mediterranean University	1997
M.Sc.	Civil Engineering	Eastern Mediterranean University	1999
Ph.D.	Civil Engineering	Çukurova University	2005

5. Years of Service on Faculty:

Assistant Professor 01.07.2011
Associate Professor 05.05.2018
Professor

6. Master / Ph.D. Theses Supervision:

6.1. Master Thesis- Completed:

Rami S. Atiyah, “General Comparison and Evaluation of TEC-2007 and EC8 Using Sta4-CAD V12.1 in Respect of Cost Estimation”, Yakın Doğu Üniversitesi, Fen Bilimleri Enstitüsü, Yapı Mühendisliği, 2013.

Shamsuddeen Abdullahi, “Structural Behaviour of Reinforced Concrete Minaret Under Wind Effect Using SAP2000 V.15”, Yakın Doğu Üniversitesi, Fen Bilimleri Enstitüsü, Yapı Mühendisliği, 2014.

Mustapha N. Said, “Experimental Investigation of Reinforced Concrete Beams Strengthened with CFRP”, Yakın Doğu Üniversitesi, Fen Bilimleri Enstitüsü, Yapı Mühendisliği, 2014.

Mostafa K. A. Hamed, “Comparative Study of Different Seismic Codes for Reinforced Concrete Buildings in Northern Cyprus using Static and Dynamic Methods”, 2018.

Louay Karaker, “Analysis of RC Minarets Under Wind and Earthquake Loading in North Cyprus” , 2018.

Mohammad Alkhattab, “Seismic Behaviour Evaluation of Inverted V-Braced Frames”, 2019

Mehmet Angin, “Seismic Performance of an Existing Reinforced Concrete Mass Housing according to 2018 Turkish Earthquake Code in North Cyprus”, 2019.

Sarhad Abdullah S. Muhammad, “ Seismic Behaviour of Different Types of Slab and Location of Shear Wall in Erbil-Iraq”, 2019.

Zaid Jano, “Code-Based Assessment of Seismic Performance Level of An Existing Reinforced Concrete Building in Northern Cyprus”, 2020.

Nazlı Soykan, “The Sample Work for the Conservation and Strengthening of the Cultural Heritage Historical Büyük Hamam’s Restoration in North Cyprus”, dönem projesi, 2021.

Shahram Jkhsi Qasim , “Evaluation of Ductility in Reinforced Concrete Structures with Shear Walls having Different Thicknesses and Different Positions”, 2021.

Shaghayegh Ostovar Ravari, “Assessment of the Solar Panel Mounting Systems with Architectural and Engineering Context in Nicosia City as a Case Study”, 2022.

Shafie Abdi Ibrahim, “Comparative Study of Analysis and Cost of the Flat Slab and Two-way Slab in Somalia-Mogadishu”, 2022.

Kpie Janvier De Thales Adje, “Comparative Analysis of RC Framed Residential Building Designed According to BAEL 91/99 and EC2 in Ivory Coast”, 2023.

Abdullahi Abdikarin Abdulle, “Comparative Analysis of Rectangular and Circular RC Elevated Water Tanks For Same Capacity and Staging Height”, 2023

Mohamed Abdinur Mohamed, “Comparative Study of Analysis Rectangular and Circular Underground Water Tanks”, 2023.

Amer Yassin, “Behavior of RC Buildings Response to Earthquakes: Nonlinear Static Analysis Considering Varying Soil Types and Seismic Codes”, 2023

6.2. PhD Thesis- Completed:

7. Publications:

7.1 International Journals:

(SCI & SSCI & Arts and Humanities)

Aksogan, O., Choo, B.S., Bikce, M., Emsen, E., **Resatoglu, R.**, “A Comparative Study on the Dynamic Analysis of Multi-Bay Stiffened Coupled Shear Walls with Semi-Rigid Connections”, Vibration Problems ICOVP 2005 , Springer Proceedings Physics, 111, 15-20, 2007.

E. Emsen, C. D. Turkozer, O. Aksogan, **Resatoglu, R.** & M. Bikce, “Non-Planar Coupled Shear Walls with Stiffening Beams”, Scientific Research and Essay, 4(4), 328-345, Nisan, 2009.

Resatoglu, R., O. Aksogan & E. Emsen, “Static Analysis of Laterally Arbitrarily Loaded Nonplanar Non-symmetrical Coupled Shear Walls”, Thin-Walled Structures, 48(9), 696-708, Eylül, 2010.

Resatoglu, R., O. Aksogan, E. Emsen & M. Bikce, “Static Analysis of Non-Planar Pierced Shear Walls with Semi-Rigid Beam-Wall Connections using Continuous Connection Technique”, Scientific Research and Essay, Vol.5, No.23, pp.3634-3645, 2010.

O. Aksogan, C. D. Turkozer, E. Emsen & **Resatoglu, R.**, “Dynamic Analysis of Non-planar Coupled Shear Walls with Stiffening Beams Using Continuous Connection Method”, Thin-Walled Structures, 82(2014), 95-104, Mart, 2014.

Resatoglu, R. & M.N. Said , “Behaviour of Reinforced Concrete Beams Strengthened with CFRP”, American Academic & Scholarly Research Journal, Vol.7, Number 3, Mayıs 2015.

Resatoglu, R. & R.S.Atiyah , “Evaluation of Reinforced Concrete Buildings in Northern Cyprus using TEC2007 and EC8 in Respect of Cost Estimation” , Scientific Research and Essay, Vol.11 (19), pp.194-201, ISSN 1992-2248 , Ekim, 2016.

H.Binici, M.Akcan, O.Aksogan & **Resatoglu, R.**, “Physico-chemical and mineralogical study of ancient mortars used in Harran area (Turkey)” , Advances in Concrete Construction, Vol. 5, No. 6, pp.639-658, 2017.

O. Aksogan, **Resatoglu, R.** & H. Binici , “An environment friendly new insulation material involving waste newsprint papers reinforced by cane stalks”, Journal of Building Energy, Vol.15, pp.33-40, Ocak, 2018.

H. Binici, O. Aksogan & **Resatoglu, R.**, “Effect of Egg White, Perlite, Gypsum and Fly Ash in Environment Friendly Insulation Materials”, Facta Universitatis Series: Architecture and Civil Engineering, Vol. 16, No 3, pp. 329-342, 2018.

Resatoglu, R., T.Mirata & L. Karaker, “Earthquake and Wind Load Effects on Existing RC Minarets in North Cyprus”, International Journal of Engineering & Technology, 7 (4) , pp.3074-3085, November, 2018.

Sarhad Abdullah S.Muhammad & **Resatoglu, R.**, “Effect of Shear Wall Location on Reinforced Concrete Building having Flat Slab in Erbil-Iraq”, International Research Journal of Engineering and Technology (IRJET), Vol.6, Issue 8, August 2019.

H. Binici, O. Aksogan & **Resatoglu, R.**, “New Generation and Environment Friendly Bio Based Thermal Insulation Materials”, Indian Journal of Engineering, Vol.16, pp.122-134, 2019.

M. Bikçe, B. Akyol & **Resatoglu, R.**, “Investigating the effect of solid and lightweight hollow block slabs on construction cost”, Proceedings of the Institution of Civil Engineers - Management, Procurement and Law, Vol. 172, Issue 2, pp.70-79, April 2019.

H. Binici, Y. Yardim, O. Aksogan, **Resatoglu, R.**, A. Dincer, A. Karpuz, “Durability properties of concretes made with sand and cement size basalt”, Sustainable Materials and Technologies, Vol.23, , pp. e00145 , 2020.

H. Mehdi & **Resatoglu, R.**, “Confinement of concrete columns using CFRP and expanded grout”, Journal of Structural Integrity and Maintenance, Vol.7, Issue 2, March 2022.

Ikenna D. Uwanuakwa, John Bush Idoko, Elvis Mbadike, **Resatoglu, R.**, George Alaneme, “Application of deep learning in structural health management of concrete structures”, Proceedings of the Institution of Civil Engineers, Bridge Engineering, 2022, ISSN 1478-4637 E-ISSN 1751-7664

Resatoglu, R. & Shahram Jkhsi, “Evaluation of Ductility Of Reinforced Concrete Structures with shear walls having different thicknesses and different positions”, IIUM Engineering Journal, Vol. 23, No. 2, July 2022.

Ibrahim, S., Ostovar Ravari, S. & **Resatoglu, R.**, “Comparative study of analysis and cost of flat slab and conventional slab structures in Somalia-Mogadishu”, Eurasia Proceedings of Science, Technology, Engineering and Mathematics, 2022, 21, pp. 228-236.

Resatoglu, R., Özsaş Akçay, A., & Ostovar Ravari, S. , “Structural analysis and comparative study of photovoltaic panel mounting systems in Northern Cyprus” Amazonia Investiga, 2022, 11(56), 169-182.

Ostovar Ravari, S., Özsaş Akçay, A., & **Resatoglu, R.**, Assessment of the Current State of Photovoltaic Panel Mounting Systems and Related Concerns in Northern Cyprus, Architecture Civil Engineering , Environment, March 2023, 16(1), pp.131-142

Joshi, R., Singh, A., **Resatoglu, R.**, Zain, M., Singh, P., “Effect of elevated temperature on Portland Pozzolona cement based concrete using Sulphonated naphthalene formaldehyde and Polycarboxylic ether as superplasticizer”, (2023), Materials Today: Proceedings. (Article in Press)

Srivastava, V., Joshi, R., Kumar, K., **Resatoglu, R.**, Zain, M., Singh, A. “Effect of seismic load on behaviour of RCC, composite and light steel building analysed using ETABS software: A comparative study”, (2023), Materials Today: Proceedings. (Article in Press)

Kapoor, K., Joshi, R., Singh, A., **Resatoglu, R.**, Zain, M., “Calibration of FEM models of historic masonry structures and its application on a local historic structure”, (2023), Materials Today: Proceedings. (Article in Press)

7.2. Articles published in other international peer-reviewed journals

Aksogan, O., Choo, B.S., Bikce, M., Emsen, E., **Resatoglu, R.**, “A Comparative Study on the Dynamic Analysis of Multi-Bay Stiffened Coupled Shear Walls with Semi-Rigid Connections”, Vibration Problems ICOVP 2005 , Springer Proceedings Physics, 111, 15-20, 2007.

7.3. Papers presented at international scientific meetings and published in the proceedings book

Bikce, M., Aksogan, O. and **Resatoglu, R.**, “Coupled Shear Walls with Many Rows of Openings and Stiffening Beams Resting on a Flexible Foundation”, ACE2002 Advances in Civil Engineering-5th International Congress 25-27 Eylül 2002, pp.565-574.

Aksogan, O., Bikce, M. and **Resatoglu, R.**, “Free Vibration Analysis of Multi-bay Coupled Shear Walls”, ECAS2002 International Symposium on Structural and Earthquake Engineering 14 Ekim 2002, pp.340-349.

O. Aksogan, B.S. Choo, M. Bikce, E. Emsen ve **R. Resatoglu**, “A Comparative Study on the Dynamic Analysis of Multi-Bay Stiffened Coupled Shear Walls with Semi-Rigid Connections”, 7’th International Conference on Vibration Problems (ICOVP), Işık Üniversitesi, İstanbul, Türkiye, 5–9 Eylül 2005.

O. Aksogan, **R. Resatoglu** ve E. Emsen, “Static Analysis of Laterally Arbitrarily Loaded Non-Planar Non-Symmetrical Coupled Shear Walls”, The Eighth International Conference on Computational Structures Technology (CST2006), Las Palmas de Gran Canaria, İspanya, 12–15 Eylül 2006.

R. Resatoglu, E. Emsen ve O. Aksogan, “Non-Planar Pierced Shear Walls with Plastic Beam-Wall Connections”, The Eighth International Conference on Computational Structures Technology (CST2006), Las Palmas de Gran Canaria, İspanya, 12–15 Eylül 2006.

E. Emsen, O. Aksogan, **R. Resatoglu**, M. Bikçe, H.M. Arslan ve H. Görgün, “Non-Planar Coupled Shear Walls with Stiffening Beams”, The Ninth International Conference on Computational Structures Technology (CST2008), Atina, Yunanistan, 2-5 Eylül 2008.

C.D. Turkozer, O. Aksogan, E. Emsen ve **R. Resatoglu**, “Free vibration analysis of non-planar coupled shear walls using continuous connection method”, The Ninth International Conference on Vibration Problems (ICOVP), IIT Kharagpur, Hindistan, 19-22 Ocak 2009.

C.D. Turkozer, O. Aksogan, E. Emsen ve **R. Resatoglu**, “Dynamic Analysis of Non-Planar Coupled Shear Walls with Stiffeners using a Continuous Connection Method”, The Tenth International Conference on Computational Structures Technology (CST2010), Valensiya, İspanya, 14-17 Eylül 2010.

Ikenna D. Uwanuakwa, J. Bush Idoko, E. Mbadike, **R. Resatoglu** & G. Alaneme, “Application of deep learning in structural health management of concrete structures”, Proceedings of the Institution of Civil Engineers, ISSN 1478-4637, May, 2022.

Joshi, R., Singh, A., **Resatoglu, R.**, Zain, M., Singh, P., “Effect of elevated temperature on Portland Pozzolona cement based concrete using Sulphonated naphthalene formaldehyde and Polycarboxylic ether as superplasticizer”, (2023), Materials Today: Proceedings. (Article in Press)

Srivastava, V., Joshi, R., Kumar, K., **Resatoglu, R.**, Zain, M., Singh, A. “Effect of seismic load on behaviour of RCC, composite and light steel building analysed using ETABS software: A comparative study”, (2023), Materials Today: Proceedings. (Article in Press)

Kapoor, K., Joshi, R., Singh, A., **Resatoglu, R.**, Zain, M., “Calibration of FEM models of historic masonry structures and its application on a local historic structure”, (2023), Materials Today: Proceedings. (Article in Press)

7.4. Books and Book Chapters:

Resatoglu, R. “Three Dimensional Analysis of Non-planar Coupled Shear Walls”, LAP Lambert Academic Publishing, ISBN:978-3-659-11550-9, 2014.

Danandeh Mehr, A., Bagheri, F., **Reşatoğlu, R.**, “A genetic programming approach to forecast daily electricity demand”, Advances in Intelligent Systems and Computing, 13th International Conference on Application of Fuzzy Systems and Soft Computing, ICAFS 2018; Warsaw; Poland, Volume 896, 2019, Pages 301-308.

7.5. National Conferences/Symposiums:

Bikçe, M., Aksogan, O. and **Resatoglu, R.**, “Güçlendirilmiş çok sıra boşluklu perdelerin zorlanmış titreşim analizi”, XIII. Ulusal Mekanik Kongresi, Editörler: H. Demiray– A. Hacımlıyan – Ü. Gülcat – S. Altınbaş, , Gazi Antep, 8-12 Eylül 2003, s. 205- 217.4.

R. Resatoglu & L. Karaker, “Kuzey Kıbrıs'taki Mevcut Betonarme Minarelere Deprem ve Rüzgar Yüklerinin Etkileri”, K.T.M.M.O.B, İnşaat Müh. Odası, 1. Ulusal İnşaat Müh. Sempozyumu, Haziran 2021.

7.6. Other Publications:

8. National and International Projects

R.Reşatoğlu, E.Terzioğlu , “Düzlemsel olmayan boşluklu deprem perdelerinin sürekli bağlantı yöntemi ile statik analizi” Yüksek Öğretimde Bilimsel Faaliyetlerin Desteklenmesi Projesi, 2007.

C.Atalar, **R.Reşatoğlu**, M.İbrahimoğulları, Ş.Gündüz, E.Güray, İ.Salihoğlu, “K.K.T.C. Taş Ocakları Durumu, Önemi, Çevresel Etkileri ve Geleceği”, Yakın Doğu Üniversitesi, Bilimsel Çalışma Grubu, Teknik rapor, KKTC Meclis Başkanlığı, 21 Ocak 2014.

6 Şubat Adıyaman Isias Otel İnceleme Raporuna katkı koyan YDÜ Temsilcisi, KTİMO Akademik kurul, Mart 2023.

9. Administrative works

Near East University, Civil Engineering Department, Vice Chairman., 2019-2021

Near East University, Civil Engineering Department, Head of Earthquake Engineering Branch

Near East University, Civil Engineering Department, Double Major Program, Faculty Coordinator

10. Scientific and Professional Society Membership:

K.T.M.M.O.B İnşaat Mühendisleri Odası Üyeliği, 1997

Avrupa İnşaat Mühendisleri Konseyi üyeliği, 2010

K.T.M.M.O.B İnşaat Mühendisleri Odası, Vize Bürosu İhtisas Kurulu Üyeliği

K.T.M.M.O.B İnşaat Mühendisleri Odası, Deprem Komitesi üyeliği

Uluslararası Üniversiteler Arama Kurtarma Konseyi Bilim ve Eğitim Kurulu üyeliği

K.K.T.C. Cumhurbaşkanlığı Deprem Komitesi üyeliği

11. Awards:

NEU Research Award for the year 2019

NEU Research Award for the year 2018

NEU Research Award for the year 2010 for his publication in the field of Structural Engineering

NEU Research Award for the year 2009 for his publication in the field of Structural Mechanics

The Eight International Conference on Computational Structures and Technology, Las Palmas, de Gran Canaria, Spain : Presentation Certificate for paper CST2006/2005/000127

The Eight International Conference on Computational Structures Technology, Las Palmas de Gran Canaria, Spain: Presentation Certificate for paper CST2006/2005/000122

12. Courses Taught During the Last Three Years:

Academic Year	Semester	Course name	Weekly taught hours		Number of Students
			Theory	Lab.	
2020-2021	Fall	STRUCTURAL ANALYSIS I	3	2	42
		STRUCTURAL ANALYSIS II	3	2	41
		YAPI ANALİZİ I	3	2	25
		ADVANCED STRENGTH OF MATERIALS	3	0	9
	Spring	STRUCTURAL ANALYSIS I	3	2	10
		STRUCTURAL ANALYSIS II	3	2	36
		YAPI ANALİZİ I	3	2	4
	Summer	STRUCTURAL ANALYSIS I	3	2	21
		STRUCTURAL ANALYSIS II	3	2	14
2021-2022	Fall	STRUCTURAL ANALYSIS I	3	2	32
		STRUCTURAL ANALYSIS II	3	2	30
		YAPI ANALİZİ I	3	2	18
		ADVANCED STRENGTH OF MATERIALS	3	0	17
	Spring	STRUCTURAL ANALYSIS I	3	2	17
		STRUCTURAL ANALYSIS II	3	2	23
		YAPI ANALİZİ I	3	2	6
		MUKAVEMET	4	0	3
	Summer	STRUCTURAL ANALYSIS I	3	2	9
		STRUCTURAL ANALYSIS II	3	2	9

Academic Year	Semester	Course name	Weekly taught hours		Number of Students
			Theory	Lab.	
2022-2023	Fall	STRUCTURAL ANALYSIS I	3	2	24
		STRUCTURAL ANALYSIS II	3	2	15
		YAPI ANALİZİ I	3	2	5
		ADVANCED STRENGTH OF MATERIALS	3	0	24
	Spring	STRUCTURAL ANALYSIS I	3	2	17
		STRUCTURAL ANALYSIS II	3	2	20
		MUKAVEMET	3	2	10
		STRUCTURAL ASSESSMENT OF EXISTING RC BUILDINGS	3	0	28