

**ACADEMIC
CURRICULUM VITAE**

1. Name - Surname: Rifat Reşatoğlu

2. Title: Assoc. Prof. Dr.

3. Educational Background:

Degree	Department/Program	University	Year
Bachelor's	Civil Engineering	Eastern Mediterranean University	1997
Master's	Civil Engineering	Eastern Mediterranean University	1999
PhD	Civil Engineering	Çukurova University	2005

4. Master's / PhD Thesis

4.1. Master's Thesis Title and Thesis Advisor(s):

"The Effect of Live Load Patterns in Multistory and Multibay Frames", Thesis Supervisor: Assoc. Prof. Dr. Erden Karaboğa

4.2. PhD Thesis /Medical Specialty Thesis Title and Advisor(s):

"Three Dimensional Analysis of Non-Planar Coupled Shear Walls Subjected to Lateral Forces", Thesis Supervisor: Prof. Dr. Orhan Aksoğan

5. Academic Titles:

Date of Assistant Professorship: 01.07.2011

Date of Associate Proferssorship: 05.05.2018

Date of Professorship:

6. Supervised Master's and PhD Theses:

6.1. Master's Theses

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. (Thesis Supervisor: Rifat Reşatoğlu)

Shamsuddeen Abdullahi, "Structural Behaviour of Reinforced Concrete Minaret Under Wind Effect Using SAP2000 V.15", Yakın Doğu Üniversitesi, Fen Bilimleri Enstitüsü, Yapı Mühendisliği, 2014. (Thesis Supervisor: Rifat Reşatoğlu)

Mustapha N. Said, "Experimental Investigation of Reinforced Concrete Beams Strengthened with CFRP", Yakın Doğu Üniversitesi, Fen Bilimleri Enstitüsü, Yapı Mühendisliği, 2014. (Thesis Supervisor: Rifat Reşatoğlu)

Mostafa K. A. Hamed, "Comparative Study of Different Seismic Codes for Reinforced Concrete Buildings in Northern Cyprus using Static and Dynamic Methods", 2018. (Thesis Supervisor: Rifat Reşatoğlu)

Louay Karaker, "Analysis of RC Minarets Under Wind and Earthquake Loading in North Cyprus", 2018. (Thesis Supervisor: Rifat Reşatoğlu)

Mohammad Alkhattab, "Seismic Behaviour Evaluation of Inverted V-Braced Frames", 2019. (Thesis Supervisor: Rifat Reşatoğlu)

Mehmet Angın, "Seismic Performance of an Existing Reinforced Concrete Mass Housing according to 2018 Turkish Earthquake Code in North Cyprus", 2019. (Thesis Supervisor: Rifat Reşatoğlu)

Sarhad Abdullah S. Muhammad, "Seismic Behaviour of Different Types of Slab and Location of Shear Wall in Erbil-Iraq", 2019. (Thesis Supervisor: Rifat Reşatoğlu)

Zaid Jano, "Code-Based Assessment of Seismic Performance Level of An Existing Reinforced Concrete Building in Northern Cyprus", 2020. (Thesis Supervisor: Rifat Reşatoğlu)

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. (Project Supervisor: Rifat Reşatoğlu)

Shahram Jkhsi Qasim, "Evaluation of Ductility in Reinforced Concrete Structures with Shear Walls having Different Thicknesses and Different Positions", 2021. (Thesis Supervisor: Rifat Reşatoğlu)

Shaghayegh Ostovar Ravari, "Assessment of the Solar Panel Mounting Systems with Architectural and Engineering Context in Nicosia City as a Case Study", 2022. (Thesis Supervisor: Rifat Reşatoğlu, Co-Supervisor: Ayten Özsvaşı Akçay)

Shafie Abdi Ibrahim, "Comparative Study of Analysis and Cost of the Flat Slab and Two-way Slab in Somalia-Mogadishu", 2022. (Thesis Supervisor: Rifat Reşatoğlu)

Kpie Janvier De Thales Adje, "Comparative Analysis of RC Framed Residential Building Designed According to BAEL 91/99 and EC2 in Ivory Coast", 2023. (Thesis Supervisor: Rifat Reşatoğlu)

Hassan Idow Mohamed, "Structural and Cost Analysis of Reinforced Concrete and Steel Framed Structures: A Comparative Study in Lefkoşa, North Cyprus", 2023. (Project Supervisor: Rifat Reşatoğlu)

Abdullahi Abdikarin Abdulle, "Comparative Analysis of Rectangular and Circular RC Elevated Water Tanks For Same Capacity and Staging Height", 2023. (Thesis Supervisor: Rifat Reşatoğlu)

Mohamed Abdinur Mohamed, "Comparative Study of Analysis Rectangular and Circular Underground Water Tanks", 2023. (Thesis Supervisor: Rifat Reşatoğlu)

Amer Yassin, "Behavior of RC Buildings Response to Earthquakes: Nonlinear Static Analysis Considering Varying Soil Types and Seismic Codes", 2023(Thesis Supervisor: Rifat Reşatoğlu)

6.2. PhD Theses

7. Publications

7.1. Articles Published in International Peer-Reviewed Journals (SCI,SSCI, AHCI, ESCI, Scopus)

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.

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.

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.

Resatoglu, R. & Muhammad Sagir Muhammad, "Comparative Study of Steel and Glass Fibre Reinforced Polymer (GFRP) Bars in RC Members", *ARPN Journal of Engineering and Applied Sciences*, Vol.14, No.16, August 2019.

H. Binici, O. Aksogan & **Resatoglu, R.**, "New Generation and Environment Friendly Bio Based Thermal Insulation Materials", *Indian Journal of Engineering*, ISSN 2319-7757, Vol.16, 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.

Resatoglu R. & M. K. A. Hamed, "Comparative Study of Different Seismic Codes for Reinforced Concrete Buildings in Northern Cyprus Using Static and Dynamic Methods", *Journal of Engineering Science and Technology*, Vol. 14, No. 3,1314 – 1329, 2019.

Alkhattab M., **Resatoglu R.**, Sadeghi K. & Alibrahim B., "Seismic Performance of Steel Frames with Inverted V-Braces for North Cyprus", *International Journal of Innovative Technology and Exploring Engineering (IJITEE)* ISSN: 2278-3075 (Online), Volume-9 Issue-1, November 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", *IJUM 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., Özsavaş 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., Özsavaş 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

Resatoglu, R. & M.N. Said , “Behaviour of Reinforced Concrete Beams Strengthened with CFRP”, *American Academic & Scholarly Research Journal*, Vol.7, Number 3, May 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 , October, 2016.

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.

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.

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.

7.3. Papers Presented at International Scientific Conferences and Published in Conference Proceedings

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.

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 September 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, October 14, 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”, 7th International Conference on Vibration Problems (ICOVP), Işık Üniversitesi, İstanbul, Türkiye, 5–9 September 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, Spain, 12–15 September 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, Spain, 12–15 September 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), Athen, Greece, 2-5 September 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, India, 19-22 January 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), Valencia, Spain, 14-17 September 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. National/international Books or 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. Articles Published in National Peer-Reviewed Journals

Bikçe, M., Aksogan, O. and **Resatoglu, R.**, “Güçlendirilmiş çok sıra boşluklu perdelerin zorlanmış titreşim analizi”, XIII. Ulusal Mekanik Kongresi, Editörler: H. Demiray– A. Hacınlıyan – 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.

8. Art and Design Activities

9. 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.

Contribution to the February 6 Adıyaman Isias Hotel Review Report, KTİMO-Academic board member , March 2023

10. Administrative Responsibilities

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

Near East University, Civil Engineering Department, Double Major Program, Faculty Coordinator, 2021-2023

Near East University, Civil Engineering Department, Faculty Quality Representative, 2022-2023

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

11. Memberships in Scientific and Professional Organizations

Membership of Cyprus Turkish Chambers of Civil Engineers, 1997

Membership of the European Council of Civil Engineers, 2010

Turkish Cypriot Chamber of Civil Engineers, Committee membership of Visa Bureau Specialization board

Turkish Cypriot Chamber of Civil Engineers, Earthquake Committee membership

International Universities Search and Rescue Council Science and Education Board membership

Earthquake Engineering Committee membership of the Presidency of the Turkish Republic of Northern Cyprus

12. 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

13. Undergraduate and Graduate Courses Taught in the Last Two Years

Academic Year	Semester	Course Name	Weekly Hours		Number of Students
			Theoretical	Practical	
2021 - 2022	FALL	Structural Analysis I	4	0	32
	FALL	Structural Analysis II	4	0	30
	FALL	Yapı Analizi I	4	0	18
	FALL	Advanced Strength of Materials	7.5	0	17
	SPRING	Structural Analysis I	4	0	17
	SPRING	Structural Analysis II	4	0	23
	SPRING	Yapı Analizi I	4	0	6
	SPRING	Mukavemet	4	0	3
2022 - 2023	FALL	Structural Analysis I	4	0	24
	FALL	Structural Analysis II	4	0	15
	FALL	Yapı Analizi I	4	0	5
	FALL	Advanced Strength of Materials	7.5	0	24
	SPRING	Structural Analysis I	4	0	17
	SPRING	Structural Analysis II	4	0	20
	SPRING	Mukavemet	4	0	10
	SPRING	Structural Assessment of Existing RC Buildings	7.5	0	28

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