



Hossam Samy ElSokkary

Rank | Assistant Professor

Position | Assistant Professor

Personal Data

Department | Civil and Construction Engineering

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Links: https://www.researchgate.net/profile/Hossam_Elsokkary



Language Proficiency

Language	Read	Write	Speak
Arabic	Mother tongue		
English	Excellent	Excellent	Excellent
French	Good	Good	Good

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2012	Doctor of Philosophy	Concordia University	Montreal, Canada
2007	Master of A. Science	Concordia University	Montreal, Canada
2002	Bachelor of A. Science	Ain Shams University	Cairo, Egypt

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

PhD	Stanley G. French Graduate Fellowship (3rd ranked in the graduate fellowship competition), Concordia University, 2008.
Master	Avtar S. Pall Graduate Award in Earthquake Engineering, Concordia University, 2007.
Fellowship	Concordia University Graduate Fellowship, Concordia University, 2009.

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work		Date
Assistant Professor	Imam A. Bin Faisal University	Dammam, Saudi Arabia	September 2018 - Now
Assistant Professor	Ain Shams University	Cairo, Egypt	July 2013 – August 2018
Post-Doctoral Fellow	Concordia University	Montreal, Canada	September 2014 - August 2015



Scientific Achievements

Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	El-Sokkary, H., and Galal, K.	Performance of Eccentrically Loaded Reinforced-Concrete Masonry Columns Strengthened Using FRP Wraps	Journal of Composites for Construction (ASCE), Vol. 23, No. 5., pp. 1-12 (2019).
2	El-Sokkary, H., and Galal, K.	Effect of Preliminary Selection of RC Shear Walls' Ductility Level on Material Quantities	International Journal of Concrete Structures and Materials, 12:48, (2018).
3	Ahmed, S., El-Sokkary, H., and Galal, K.	Numerical Simulation of FRP Sandwich Panels under Blast Effects	Journal of Performance of Constructed Facilities (ASCE), Vol. 31, No. 1, (2017).
4	El-Sokkary, H., Galal, K.	Seismic behavior of FRP-Strengthened RC shear walls	Journal of Composites for Construction (ASCE), Vol. 17, No. 5, pp. 603-613, (2013).
5	El-Sokkary, H., Galal, K., Ghorbanirenani, I., Léger, P., Tremblay, R.	Shake table tests on FRP-rehabilitated RC shear walls	Journal of Composites for Construction (ASCE), Vol. 17, No. 1, pp. 1-12, (2013).
6	El-Sokkary, H., Galal, K.	Analytical investigation of the seismic performance of RC frames rehabilitated using different rehabilitation techniques	Engineering Structures (Elsevier), Vol. 31, No. 9, pp. 1955-1966, (2009).
7	Galal, K., El-Sokkary, H.	Analytical evaluation of seismic performance of RC frames rehabilitated using FRP for increased ductility of members	Journal of Performance of Constructed Facilities (ASCE), Vol. 22, No. 5, pp. 276-288, (2008).

Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date
1	El-Sokkary, H., Galal, K.	Material Quantities of Reinforced Masonry versus Reinforced Concrete Shear Walls	15th International Conference on Structural and Geotechnical Engineering, 2018, Cairo, Egypt.
2	El-Sokkary, H., Galal, K.	Seismic Performance Evaluation of RC Shear Walls with Various Ductility Levels	11th Canadian Conference on Earthquake Engineering, 2015, Victoria, BC, Canada.



Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date
1	Galal, K., and El-Sokkary, H.	FRP-retrofit of reinforced masonry columns	August 2015
2	Galal, K., and El-Sokkary, H.	Cyclic tests on FRP-strengthened RC walls	March 2013
3	El-Sokkary, H., Galal, K., Ghorbanirenani, I., Léger, P., Tremblay, R.	Shake table tests and repair of RC slender walls	April 2012

Current Researches

#	Research Title	Name of Investigator(s)
1	Seismic Behaviour of RC shear walls strengthened using FRP	El-Sokkary, H., and El-Sharawy, M.
2	Behaviour of RC walls versus reinforced masonry walls	El-Sokkary, H., and Galal, K.

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	15th International Conference on Structural and Geotechnical Engineering	Cairo, Egypt, 18-20 December 2018.	Member of the Organizing Committee

Membership of Scientific and Professional Societies and Organizations

- Registered Professional Engineer in Ontario, Canada, since 2012.
- Member of the Egyptian Syndicate of Engineers, since 2002.

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Senior Design Project	CONEN 521	Weekly meetings
2	Topics in Concrete structures	CONEN 583	7 lectures
3	Analysis of Determinate Structures	CONEN 342	14 lectures
4	Strength of Material	ENG 351	14 lectures
5	Statics	ENG 232	14 lectures
6	Engineering Drawing	ENG 222	14 lectures

Brief Description of Undergraduate Courses Taught: (Course Title – Code: Description)

1	Complete Design of Reinforced Concrete and Steel Structures
2	Design of One-way and Two-way Slabs, Staircase Design, Design of Slender Columns, Software Applications
3	Analysis of determinate structures including analysis of beams, frames, trusses, and arches
4	Normal stresses due to Axial loading and bending moments, shear stresses, combined stresses
5	Resultant of Forces, Equilibrium of Forces in 2D and 3D, Properties of Area, Friction



6	Computer Aided Design Applications in Mechanical and Civil Engineering
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Student Academic Supervision and Mentoring

#	Level	Number of Students	From	to
1	10	8	Sept. 2019	Now
2	10	3	Sept. 2018	April 2019

Committee Membership

#	From	To	Position	Organization
1	Sept. 2019	Now	Head	Departmental Laboratories
2	Aug. 2019	Now	Member	College Registration and Scheduling
3	Sept. 2018	Now	Member	Departmental Senior Design Project
4	Sept. 2018	Now	Member	Departmental Academic Affair

Last Update

11/10/2019