FACULTY VITAE

General Information:

Name	Nationality	Photo
Mohamed Omar Mohamed Hussein	Egyptian	

Education:

Degree	Discipline	Institution	Year
Ph.D.	Civil Eng. (Structural)	Hokkaido University, Japan	2008
Masters	Civil Eng.	Aswan University, Egypt	2004
Bachelors	Civil Eng.	Aswan University, Egypt	2000

Academic Experience:

Institution	Rank/Title	Period	FT/PT
KAU	Assistant Professor	Jan 2016-now	FT
Aswan University	Assistant Professor	2009 - now	FT
Aswan University	Assistant Lecturer	2005 - 2009	FT
Aswan University	Teaching Assistant	2000 - 2005	FT

Non-academic Experience:

Company/Entity	Position	Period	FT/PT
Concrete and Materials Lab, Faculty of Engineering, Aswan University	Quality Manager	2009 - 2015	PT
Consulting Engineering Center, Faculty of Eng., Aswan University	Consulting Engineer	2009 - 2015	PT

Certification or Professional Registrations:

- Egyptian Engineers Syndicate.
- Engineers Syndicate Aswan Branch, Egypt
- Japanese Society of Steel Constructions.

Current Membership in Professional Organizations:

- Civil Engineering Department board, Faculty of Engineering - Rabigh, King Abdulaziz University.
- Japanese Society of Steel Constructions

- Syndicate of Egyptian Engineers.

Honors and Awards:

- Monbukagakuso:MEXT Scholarship granted by Japan Government, for PhD studies at Hokkaido Univ., 2005-2008.
- Postdoctoral Fellowship: Hokaido University, granted by Egyptian Government, March to September 2014.

Important Publications and Presentations from the Past Five Years:

[1] Mohamed OMAR, Analytical Prediction of Seismic Response of Steel Frames with Superelastic Shape Memory Alloy, World Academy of Science, Engineering and Technology, Issue 59, 1776- 1784, November 2011.

[2] Sherif Shokry and Mohamed OMAR, Seismic Response of Aswan High Dam (Egypt), International Conference "Skopje Earthquake - 50 Years of European Earthquake Engineering" (SE-50EEE), Skopje, Macedonia, 29-31 May 2013. Paper No. 471.

[3] Mohamed OMAR, Seismic Response of Braced Steel Frames with Shape Memory Alloy and Mega Bracing Systems, World Academy of Science, Engineering and Technology, International Journal of Civil, Architectural Science and Engineering Vol:8 No:2, 2014.

[4] Mohamed OMAR, "Comparative Study on Seismic Response of Reinforced Concrete Frames with SMA in Column and Beam Plastic Hinge Zones", Advanced Materials Research, Vol 1043, pp. 247-251, Oct. 2014.

[5] Mohamed OMAR and Toshiro HAYASHIKAWA, Improvement of Nonlinear Response of Plan-Irregular Multi-Storey Steel Buildings under Three-Dimensional Earthquake Motion Using Bracing System, Journal of Steel Construction, JSSC, Vol.22, 2014.

[6] Aboubakr, A. , Fehling, E. , Mourad, S. , Omar, M., Using High Performance Concrete in Finite Element Modeling of Grouted Connections for Offshore Wind Turbine Structures. World Academy of Science, Engineering and Technology, International Science Index, Civil and Environmental Engineering, 1(1), 366, 2014.

[7] Mohamed OMAR, Seismic Response of Cable-Stayed Bridge Steel Tower Provided With Bracing System, COMPDYN 2015, 5th ECCOMAS Thematic Conference on Computational Methods in Structural Dynamics and Earthquake Engineering, Crete Island, Greece, 25–27 May 2015.

[8] Mohamed OMAR, Effect of Chevron Bracing on Seismic Response of Cable-Stayed Bridge Steel Towers, 5th Annual International Conference on Civil Engineering, Structural Engineering and Mechanics, Athens, Greece, 25-28 May 2015.