

University of Aleppo
Faculty of Civil Engineering
Department of Structural Engineering



Personal Information

Name	Abdul Hakim Chikho
Date of Birth	Mar. 5, 1961
Place of Birth	Aleppo, Syria
Nationality	Syrian
Foreign Language	English
Education	Ph.D., Civil Engineering Department, Sheffield University, England
Subject	Steel Structure Engineering with excellent experience with Programming Finite Element Analysis and Designing of Concrete and Steel Structures
Thesis Title	Frame Behaviour with Semi-Rigid Connections.
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Publications

Scientific papers

- A.H.Chikho and P.A. Kirby, "Influence of Joints Flexibility on Multistory Frame Behaviours", International Colloquium on Bolted and Special Structural Connections, Moscow, May 1989, Vol.3.
- A.H.Chikho and P.A. Kirby, "Partial Sway Bracing in Semi Rigidly Connected Steel Frames", third ASCE/ASME mechanics Conference, San Diego, July 1989, U.S.A 24pp.
- A.H.Chikho , "Frame Behaviour with Semi Rigid Connections, Structural and Civil Engineering Department , Ph.D. Thesis 1989 , Sheffield university, England.
- A.H.Chikho and P.A. Kirby , "An Approximate Method for the Estimation of Ultimate Column Load in Steel Sway Frames", Nordic Steel Construction Conference'95 , Malmo, Sweden, June 1995, pp. 711-718.
- A.H.Chikho, "The Development of a Dynamic Structural Computer Program Using Finite Element Method", ASCE-SAS 2nd Regional Conference, Beirut Lebanon, November 1995, pp. 123-134.
- A.H.Chikho and P.A.Kirby, "An Approximate Method for the Estimation of Bending Moments in Continuous and Semi Rigid Frames", Canadian Journal of Civil Engineering 22/6 (Dec. 1995).
- A.H.Chikho, " The Behaviour of Framed Building Under the Effect of earthquakes, Aleppo University of Scientific Journal, Volume No. 19 - 1996 , pp. 47-64.
- A.H.Chikho, " An Approximate Method for Calculating the Fundamental Mode Period of Vibrations, Application to Concrete Buildings" , Science Conference organized by Yemeni Scientific Research Foundations October 2001.
- A.H.Chikho, "An approximate Method for Calculating the Lateral Displacements of sway Framed Structures with The Presence of in filled Panels, Aleppo University of Scientific Journal, Volume No. 32 – 2002.
- A.H.Chikho, "An Improved Amplified Sway Method for Rigidly Jointed Sway Frames", the ninth Arabic Structural Engineering Conference, Abu Dhabi 2003, United Arab of Emirates.

D. E. Nassani. , A. H. Chikho. (2016). "Adjusted Richard-Abbott equation for calculating the stiffness of steel connections." Modelling and Engineering of Mechanical and Mechatronic Systems, Minsk-Belarus, February 4-5, pp. 102-109.

D. E. Nassani., A. H. Chikho. ,A.I Akgonen. , (2017). "Semi-rigidity of cap plate and extended end plate connections ". Steel and composite structures, 23 (5), pp. 493-499.

A.H. Chikho,, (2023). "A Simple Procedure to Approximate Fundamental Mode Period of Vibration" . Proceeding of International Congress on Advances in Civil Engineering. December 2023, pp. 593-606.

A.H. Chikho,, (2024). "An Approximate Procedure for Calculating the Ultimate Load of Column in Sway Steel Frames with Semi-Rigid Connections". The 15th Nordic Steel Construction Conference, June 26-28 2024, Lulea, Sweden.

Scientific Books

A.H.Chikho, "Steel Structures 4 ", Aleppo University Publications, 1997.

A.H.Chikho, "Steel Structures 2 ", Aleppo University Publications, 2001.

A.H.Chikho and W. Fatalon, "Steel Structures 1 ", Aleppo University Publications, 2008.

Professional Activities and Experiences

1990-1997: Lecturer in the Department of Structures at the Faculty of Civil Engineering Faculty, Aleppo University.

1997-2003: Ass. Professor in the Department of Structures at the Faculty of Civil Engineering Faculty, Aleppo University.

2003-Present: Professor in the Department of Structures at the Faculty of Civil Engineering Faculty, Aleppo University.

1999-2000: Director of Material Testing Lab in Civil Engineering Faculty of Aleppo University

1990-present: Supervising several MSC. Students and supervising a PhD. Student (Diaa el Din Nassani graduated in 2012).

1990-present: Designing several building for private sector in Aleppo.

2000-2002: participating in designing several concrete building in Aleppo (education faculty)

2002-present: Consultant Engineer, Syrian Engineering Union, Aleppo Branch.

2014-2017: The head of structural engineering department, Civil Engineering Faculty Aleppo University.

Names of Referees

Names	Title	E-mail	Mobile
Prof. Youssef al Raghban	professor	raghban52@gmail.com	00963955104570
Prof. Marwan al Mahmoud	professor	almahmoudmar@gmail.com	00963955425412
Dr. Zafer Joukhaji	Associate Professor	Zaferjoukhaji@hotmail.com	00963945248040
Dr. Abdul Kader Mulhem	professor	Mulhemabdulkader@gmail.com	00963958940930

Spoken Languages

Language name	Level of proficiency
Arabic	Native language
English	Foreign language

Software Skills

Program	Level of proficiency	Number of years of experience	Last time used it
Robot engineering program	excellent	20 years	Up to present
Writing finite element programs	excellent	15 years	2021
Engineering program SAP , STAAD	Very Good	10 years	2017

Educational certificates

Certificate name	Starting date	Ending date	Mark statement
BSc of civil engineering	1/9/1979	1/6/1984	78.72
PhD of steel and structural engineering	5/6/1986	2/11/1989	Na

Work experience

Faculty name	Starting date	Ending date	Professional title
Civil engineering faculty Aleppo university	5/3/1990	8/2/2023	Assistant, associate and professor of steel and structural engineering