

1- Personal Details

Name : Yassir Gism Elkhalig Elaraki
Date of Birth : 19/03/1968
Nationality : Sudanese
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2- Area of specialization:

Major	Structure
Minor	Bridge Engineering

3- Education & Qualifications

Date	Degree	University name	Country	Title of the Dissertation
1996	Bachelor	Omdurman Uni	Sudan	Water treatments using Slow sand filtration system
2006	Master	Karry university	Sudan	Bridges In Khartoum state preliminary Investigation, Design, Construction and cost studies
2012	Ph.D.	Cairo university	Egypt.	Damage Characterization in Steel Bridges using Vibration Measurements

4- Professional Activities:

Job Title	Place	Country	From	To
Assistant Professor	Faculty of Engineering – Majmaah University	KSA	2014	till now
Project Manger	Al awayda Company	KSA	2012	2014
Senior Engineer	Ministry of Planning and Infrastructure	Sudan	2003	2012
Head Department of Roads & Drainages	Khartoum center development commission (KCDC)	Sudan	1999	2003
Engineer	Ministry of Engineering Affairs	Sudan	1996	1999

5- Teaching Experiences

#	Teaching Experiences	University	From	To
1	Assistant Professor	College of Engineering – Majmaah University	2014	Till now
2	lecturer	Faculty of Engineering, Omdurman Uni, Sudan	2006	2007

6- Areas of Specialization

#	Areas of Specialization
1	Bridge Engineering and structural Engineering

7- Current membership in professional organizations

#	Membership	ID
1	The International Society for Structural Health Monitoring of Intelligent Infrastructure (ISHMII),	55496526
2	Sudan Engineering Society	
3	Sudan Engineering Council	
4	Federation of Sudanese Engineers	
5	Saudi Council of Engineers	

8- Publications (most important publications in the last 5 Years)

#	Publications / Presentations	Journal (Conference)	Publishing Year (Conference Date)
1	Yassir Elaraki, M.Zaki, M.Bakhoum and S.Mourad: "Damage Characterization In Steel Bridge Deck Models Using Modal Testing",	CERM Journal –Vol (34) No.(3).	(2012)
2	Yassir Elaraki, M. Zaki, M. Bakhoum and S. Mourad: "Damage Detection In Steel Bridge Girders Using Modal Testing", HOUSING & BUILDING NATIONAL RESEARCH CENTER	HBRC-ISHMII 2nd International Conference on Bridge Testing, Monitoring & Assessment	(2016)
3	M.Sheikholeslami., Rizwan-ulHaq., AhmadShafee., ZhixiongLi., Yassir G.Elaraki., I.Tlili., "Heat transfer simulation of heat storage unit with nanoparticles and fins through a heat exchanger"	IJHMT Issue (1) Volume 135, June, Pages 470-478.	(2019)

9- MAJOR RESEARCH PROJECTS

#	Research Project	Status (Now/Finished)	Funded by
1	Evaluation of Damages for Flexural Behavior of Steel Beam Using Free Vibration Measurements	NOW	-
2	Development of a cementitious composite reinforced with Graphene nanomaterials	NOW	MU