

CURRICULM VITAE

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| Name Title Address Telephone Post office e-mail Nationality Date of birth Marital status Specialization Languages | Salah Eldin Mahmoud OSMAN Associate Professor Dr. Faculty of Architecture. University of Khartoum - P.O. Box 321- KHARTOUM- SUDAN 00249 9 123 53 615 P.O. Box 920 . Khartoum 11 111. smosman99@gmail.com Sudanese 1957 Married (3 children) Architecture – City & Regional Planning | | | | | | | | | | | | | | | | |
| | Mother Tongue : Arabic <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;"></td> <td style="width: 25%; text-align: center;">Reading</td> <td style="width: 25%; text-align: center;">Writing</td> <td style="width: 25%; text-align: center;">Verbal</td> </tr> <tr> <td>Arabic</td> <td style="text-align: center;">excellent</td> <td style="text-align: center;">excellent</td> <td style="text-align: center;">excellent</td> </tr> <tr> <td>English</td> <td style="text-align: center;">excellent</td> <td style="text-align: center;">excellent</td> <td style="text-align: center;">excellent</td> </tr> <tr> <td>Turkish</td> <td style="text-align: center;">basic</td> <td style="text-align: center;">weak</td> <td style="text-align: center;">basic</td> </tr> </table> | | Reading | Writing | Verbal | Arabic | excellent | excellent | excellent | English | excellent | excellent | excellent | Turkish | basic | weak | basic |
| | Reading | Writing | Verbal | | | | | | | | | | | | | | |
| Arabic | excellent | excellent | excellent | | | | | | | | | | | | | | |
| English | excellent | excellent | excellent | | | | | | | | | | | | | | |
| Turkish | basic | weak | basic | | | | | | | | | | | | | | |
| Academic qualifications | <ul style="list-style-type: none"> ■ October 1988 –May 1992: MIDDLE EAST TECHNICAL UNIVERSITY . Ankara , Turkey. Doctor of Philosophy on City & Regional Planning. (Ph.D. City & Reg. Plg.) دكتوراة الفلسفة في التخطيط الحضري والإقليمي ■ Jan 1986 - October 1987: UNIVERSITY OF KHARTOUM. Master of Science in Physical Planning (M.Sc. Phy.Plg.). ■ May 1982 : SUDAN ACADEMY FOR ADMINISTRATIVE SCIENCES . Certificate in Town Planning. ■ June 1976 - May 1981: UNIVERSITY OF KHARTOUM. Bachelor of Science in Architecture (B.Sc. Honors). | | | | | | | | | | | | | | | | |
| Professional qualifications & memberships | <ul style="list-style-type: none"> ✓ Full membership Sudanese Architects' Society. July 1981 . العضوية الكاملة للجمعية المعمارية السودانية ✓ Full membership Sudanese Engineering Council. Architect Engineer (as from 1981). Specialist (as from 1987). Consultant (as from 2008). مهندس مستشار – المجلس الهندسي السوداني ✓ Member, Federation of Arab Engineering. عضو اتحاد المهندسين العرب – القاهرة ✓ Member, International Society of City & Regional Planners – ISOCARP – The Hague Holland. عضو الجمعية العالمية لمخططى المدن – هولندا ✓ Associate Member INTA – International Network for Town & Regional Planning - The Hague , Holland. عضو الشبكة الدولية للمخططين – هولندا ✓ Classified as Expert – United Nation –Economic & Social Commission for Western Asia. ESCWA. مصنف خبير- منظمة الإسكوا- ✓ Classified as National Consultant – UN - Habitat international. مصنف خبير ووطني – منظمة الأمم المتحدة للمستوطنات البشرية – هابيتات ✓ Classified as Expert – WHO. مصنف مستشار – منظمة الصحة العالمية | | | | | | | | | | | | | | | | |
| Recent work | <ul style="list-style-type: none"> • March 1993 - (Till present) : Joined the University of Khartoum, Faculty of Architecture , as an Assistant Professor, then Associate Professor as from 2003. استاذ مشارك – كلية العمارة – جامعة الخرطوم • Coordinator of Research and Post Graduate Studies, at the Faculty of Graduate Studies, Univ of Khartoum. منسق البحث العلمي والدراسات العليا بالكلية | | | | | | | | | | | | | | | | |

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| Academic Work experience | <ul style="list-style-type: none"> • At the Faculty of Architecture , University of Khartoum: • 1998 – 1999 : Head of the Department of Architecture, Univ. of Khartoum. • 1997 – 2003 : Coordinator of post graduate studies in the Department of Architecture and coordinator for the Master course of Physical Planning . • March 2003: Deputy Dean of the Institute of Urban Studies. University of Khartoum. For short frequent periods till 2005. • 1990 - 1991 : Teaching Assistant, City & Regional Planning Department - M.E.T.U. Ankara. Turkey. |
| Professional Work experience | <ul style="list-style-type: none"> • 2010 – 2013 : Deputy Secretary General / Engineering consultant : مساعد الأمين العام المستشار الهندسى لصندوق دعم الوحدة • 2005 - 2010 : Executive Director, and Project Coordinator: Khartoum State New Structure Plan 2007-2033. Upon a decree of H.E. The Minister of Planning & Public Utilities. المدير التنفيذى للمخطط الهايكلى لولاية الخرطوم • 1993 - 2004 : General Manager : SINAN Engineering Group, Architects & Planners المدير العام لشركة مجموعة سنان الهندسية • 1981 - 1993 : Senior Architect / Planner . Ministry of Housing & Engineering Affairs مهندس معمارى/كبير مخططي مدن – مصلحة الاسكان والشئون الهندسية <ul style="list-style-type: none"> ○ 1983 : Co- Secret. National Housing Committee. ○ 1986 : Head Planning Office of Eastern Nile Province . ○ 1988 : Head Planning Office of Omdurman Province. |
| Socio-academic Work experience | <ul style="list-style-type: none"> ❖ May 2007: coordinator, Poverty Alleviation Chair. University of Khartoum with Ministry of Planning & Public Utilities. ❖ Nov. 2007 – present : Local consultant , Urban Planning & Urban Development. UN – Habitat, Sudan. (On per consultancy contract basis). ❖ Nov. 2006 – 2010 : Head, Trustee Council of Khartoum State Local Urban Observatory. State of Khartoum. 1983 - 1985 : Member, Education Committee –Ailafoon District (Khartoum North). |
| Professional Assignments | <ul style="list-style-type: none"> ■ 1983 - 1985 : Architect Consultant Tadamon Bank. ■ 1995 - 1999 : Technical Coordinator and Khartoum Sector coordinator :Mission for the Ministry of Planning & Public Utilities, on optimizing utilization of governmental lands in Khartoum. ■ 1994 - 2003 : Collaborate Researcher : National Center for Research (Sudan) in the National Research Project on Urban Housing . ■ 2004 - : Head , Planning Group for the Master Plan of Deling University. Upon a decree of H.E. the Minister of High Education & Scientific Research. ■ 2005 - 2010 : Member, Khartoum State Planning Board. Upon a decree of H.E. the Governor of Khartoum State. ■ Nov 2007 : Member, Sudan National Structural Plan working team . Upon a decree of H.E. The Federal Minister of Environment & Physical Development. ■ May 2008 : Member, Technical Evaluation Committee, North Kordofan State Structural Plan. Upon a decree of H.E. the Governor of Kordofan State. |

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| | <ul style="list-style-type: none"> ■ Feb 2009 : Member, Khartoum State Council for Strategic Planning. Upon a decree of H.E. the Governor of Khartoum State. ■ May 2015: Head, committee for developing Building Codes, specifications & Standard Designs for Healthcare Facilities in Sudan. Federal Ministry of Health. Upon a consultancy assignment of the WHO. ■ May 2017: UN-Habitat National Consultant for the Sudan National Urban Policy. ■ Dec 2017: Senior Research Manager of Sudan Team for the EARF project, Institute for Development Studies IDS of Sussex University, on Land Nexus and Inclusive Urbanization.. |
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Annex 1 :

PROFESSIONAL EXPERIENCE AND ACTIVITIES :-

1.1. Brief Detailing of Some PROFESSIONAL EXPERIENCE:

1983 - 1985 : As Architect Consultant **Tadamon Bank** : Design and supervision of Bank branches in Gedarif , Managil , Omdurman , Sinnar , Karima , Nyala , and the upper floors in Parlaman Branch .

1983 - 1988 : Undersecretary, then Head of the Technical Committee for design and supervision of Ailafoon , Eastern Nile National Stadium (60,000 seat).

1989 : Civic design of old Ankara CBD, (Ulus) Hagi Bayram area. (alternative Urban Design Project).

1986 - 1996 : Partner and co-founder of A.S. Architects Planners Consultancy : Design and supervision of more than 50 projects .

1983 - 1997 : Consultant Engineer for Tayseer Transport Company , IBRO Company and Packaging House Sudan .

1993 - 2005 : General Manager, Partner and co-founder of SINAN ENGINEERING GROUP Consultancy, Architects & Planners: Design and supervision of hundreds of projects .

1.2. 1981 -1993: As Senior Architect / Planner, Ministry of Housing & Engineering Utilities:

Works includes but not exclusive to: Team member, Planning & Urban Design project of Kafori township. Planning Marawi Town after 1981 floods. Re-planning & Restructuring project of Khartoum North Industrial Area. Re-planning Eastern Nile Villages (Principal planner). Omdurman squatter housing projects. Housing urban poor projects Khartoum North.

1.3. 1993 - 2005 : As General Manager SINAN Engineering Group, and after :

- Design and supervision of more than 100 projects including urban & regional planning, residential, commercial and industrial projects, e.g. Trade Union Headquarters. Herman Giminer Children Villages.

1995-2003: Consultant for Abdel Momeim Mohamed Trusts.

1995- 2003: Consultant for SOS International Children Village Organization.

1998-2003 : Architect Consultant & Project management for Shell company – Sudan. Design, rehabilitation, supervision and management of all Petrol Stations and Depots.

- Sawakin Town master plan (1993-2013) Red Sea state-

- Sinkat Town master plan and regional study (1995-2015) Red Sea State.
- Tokar master plan 2001. (Planning Team Leader) .
- Singa master plan (1993-2013) Sinnar State , . (planning Team Leader) .
- Sinnar structure plan (1997-2020) Sinnar State . (planning Team Leader) .
- Kadogli Town + Dalang Town + Didaibat Town master plans + and regional study for Southern Kordofan State. (1993-2013) (planning Team Leader).
- Port Sudan CBD urban design projects (3projects).
- Dongola Town master plan (1999-2013) (planning Team Leader) . Northern Region.
- Merawy City master plan,+ Kareema City master plan (2003-2023) .Shamalya State. (Planning Team Leader).
- Master plan for Deleng University (Southern Kodrufan Region). (Principal planner).
- Master plans for Heglig Town + and Unity Town . South Kordofan State – Sudan. (Principal planner) .
- Structure plan for Bentue City, Rabakona City, Fuash City, Thuann City, and Tong City. Plus Regional plan for Unity State : (2003-2023). (Principal planner).

1.4. 2006- 2009 : combined works with UN HABITAT:

As Khartoum State representative, and as independent consultant collaborated UN Habitat in several oriented researches, capacity building activities, and publications. Includes:

1. Capacity building programs for planners & Engineers in Sudan and Egypt.
2. Capacity building training for Khartoum urban Observatory members.
3. Training program for trainers for using Stabilized Soil Blocks SSB technology, and importing 100 machines.
4. As a member within a committee of three, we published the following studies:
 1. Diagnostic Studies on Urban Sectors - Khartoum State - 256 pages.
 2. Pro-poor policies within Khartoum State – 60 pages.
 3. Urban planning & development in Sudan & Khartoum State - 24 pages.
 4. Capacity Building Assessment & Action plan - Ministry of Planning & Public Utilities - 54 pages.
 5. Monitoring & Evaluation Framework for Khartoum Structural Plan - 26 pages.
 6. Arabic Summary of Sector Assessment & Capacity Building of Khartoum State. 110 pages.
 7. English Summary of Sector Assessment & Capacity Building of Khartoum State. 70 pages.
 8. **khartoum**

1.5. 2010- 2013 : as Deputy Secretary General & Project Manager : Unity Support Fund, of the Presidency :

Works is concentrated on the ten Border States between South Sudan and North Sudan. Includes architectural designs, urban planning, project management and managing supervision, and ad hoc planning solutions to newly settled congregation of displaced. Works includes:

- Normative and standard design for **rural health care facilities**. At three levels. Complete and comprehensive set of drawings. (Principal designer & project manager).
- Normative and standard design for **rural primary education complex**. Includes school, staff residence sexes, headmaster residence, sport and cultural facilities. Complete and comprehensive set of drawings. Seven complexes in the South and 14 complexes in the North. Implementation to turn key. (Principal designer & project manager).

- Normative and standard design for **rural secondary education complex**. Includes school, labs, student's dormitory, staff residence, headmaster residence, sport and cultural facilities. Complete and comprehensive set of drawings. 13 complexes. Implementation to turn key. (Principal designer & project manager).
- **Infrastructure projects** like storm water dams, potable water networks, water stations and pumps, and etc. in all ten Border States. (Design team member & project manager).
- Design of Blue Nile State's **Legislative Council Hall**. (Principal designer & project manager).
- Design Project of Children Autistics Center. The first in Sudan. Khartoum State. (Principal designer & project manager).
- Design Project of Jabal Awlya **Dialysis Center**. To international standard. (Principal designer & project manager).

1.6. **After 2013 :**

- Damazin City structure plan. Capital of Blue Nile State. A project sponsored by UN – Habitat. (Planning team member).
- Roeseris City structure plan. Damp city at the Nile State. A project sponsored by UN – Habitat. (Planning team member).
- Urban design project of Nyala Main Bus Terminal Station. South Darfur State.
- Urban design project of Nyala Main Crop Market and Strategic Storages. South Darfur State.
- Planning project of Sagra Township, Northern Nyala residential extensions. South Darfur State.
- Design project of JOSWE medical factory, Jordan Swedish Medical & Sterilization Co. Bagair, Gezira State.

Annex 2:

ACADEMIC ACTIVITIES:

2.1. - 1993- 2016 : At the **University of Khartoum**: Participating in teaching under graduate and post graduate courses and studio projects held at the Faculty of Architecture – Supervising and examining more than 100 post graduate students for Master degree and Ph.D. (See attachment). Coordinating fourth year training programs inside and outside Sudan. Coordinating fifth year graduation program 2 times. Participating in all social and academic activities, as well as scientific and research activities of the Faculty.

- **1993 – 1998 :** **Part-time lecturer** , studio instructor , and coordinator : Omdurman Islamic University.
- **1993 - 2003 :** **part-time lecturer**, External examiner :Omdurman Ahlia University .
- **1995:** **External Examiner** Khartoum College for Applied Sciences .
- **1995 - 1996 :** **Member** : Committee for Restructuring Curriculum of Faculty of Architecture - Omdurman Islamic University .
- **1996 - 2005:** **Member** : Bahri Ahlia College Council of Trustees .
- **1996:** Head of the Technical & Scientific Committee for the seminar- workshop sponsored and held by the Union of Arab Research Councils , Khartoum 19-21 Nov.1996.
- **1996 :** Chairman ,workshop on the Repercussions of Adaptation of Light Rail Transit Projects in Khartoum . 14-15 Oct.1996 .

- **June 2006.** Nominated as PhD. **Examination Board Member** at Royal Institute of Technology KTH. Dept of Urban Planning. Stockholm. Sweden.
- **Dec. 2010 :** nominated as evaluator and member to the ‘ Scientific Committee of the Sustainability of Building in Arab desert areas Conference’. The 1st. Arab housing Conference, sponsored by Arab League. Cairo. Egypt.
- **Nov. 2011.** nominated as a member to the Editorial Board; Presented Sudan report to the Editorial Board Review Meeting – State of Arab Cities Report 2012. Land mark hotel. Amman, Jordon. 20-21 Nov. 2011
- **2013: External Examiner & program evaluator**, Faculty of Architecture & Urban Studies, Emirates Technical College.
- **2014: representative** of the Faculty of Architecture at the council for Post graduate studies. Member of the committee for amending the Post Graduate Regulations.
- **September 2016.** Sudan experience in Urban Public space. Contribution at the EGM of UN-Habitat and UN-Women, on Public space at Arab states. Cairo- Egypt. 21-22 sept. 2016.

2.2. PUBLICATIONS AND RESEARCH ACTIVITES:

1981 - 1985 : Sudan Representative in *Housing in the Arab World Journal* , issued by the Arab League. Tunisia .

1982 .” Housing Policy in Sudan “ . Essay .*Housing in the Arab World Journal*. Vol. 1.No. 1. Tunisia 1982.

Dec. 1988 : “ Workability of Cooperative Housing in Kenya and Tanzania , and premises of Adaptation in Sudan . Comparative Study “. Paper presented in the seminar on Comparative Study of Urban and Regional Studies Middle East and North Africa. Ankara . M.E.T.U.

Dec. 1993 : “ Towards a Positive Housing Policy for the Limited Income Groups in Greater Khartoum “ . The main working paper in the seminar held by the Sudanese Laborers Union. Khartoum . Arabic.

Nov. 1996 : “ Repercussions of Site-and-Services projects on Land Resources and Land Market in Greater Khartoum “ . Paper presented in the seminar on Planning , Environmental Impact and Squatter Housing in Arab World . Khartoum 19-21 Nov.1996.

June 1997 : Introduction to Acoustics for Architecture . Reference Book , sponsored by the Arabization Committee. University of Khartoum K.U.P .– Arabic.

Dec. 1997 : “ Priorities and Workable Programs in Implementing Singa Master plan “ . The main working paper in seminar on Monitoring & Implementing the Town Master Plan . Singa , Sinnar State – Sudan 15 Dec.1997 .

August 1997 : “ Utilizing Planning & Architectural Parameters Towards Minimizing Energy Consumption in Greater Khartoum “ . Paper presented in seminar on the Impact of the New Dimensions in Architectural Design and Planning on Minimizing Energy Consumption in the Arab World . University of Amman. Amman Jordan, 19-22 August 1997 .

Feb.1999: “Mosque Design in Sudan ‘. Paper presented in seminar on Mosque Design , King Saud University. Riyadh Saudi Arabia.1999. with Dr. Gamal Hamid.

April 2001 : “Refocusing Site & Services Approach of Housing in Sudan. High time to paradigm shift”. Paper presented to the 5th scientific conference on Housing & Development in Sudan. National Council for Research. April 2001.Khartoum.

Oct. 2001 : “The Role of Private Sector in Real Estate Investments “. Paper presented in monthly seminar of The High Ministerial Committee. Khartoum Oct.2001.

Nov. 2001 : "Fundamental Indices for Restructuring the Synchronized City. With Emphases on Khartoum City". Paper presented for "Knowledge Cities" conference. Medina Munawra. Saudi Arabia – 28-30 Nov. 2001.

Nov. 2002 : "Development of Physical Profile in Poor Communities in Khartoum ". Paper presented for the 1st. International Symposium on Problems of Development of Desert Regions. Ministry of Public Works, Riyadh. Saudi Arabia. 2002. with Dr.Awad Saad & Dr.Gamal Hamid.

March 2004 : "Towards a Methodology to Direct the Governmental Subsidy in the Housing Sector – A Comparative Study ". Paper presented in seminar on Affordability in Housing Sector. Royal Commission for the Development of Riyadh Metropolis. 27-30 March,2004. Riyadh. Saudi Arabia.

Nov, 2005 : "Regional Urban Sector Profile Linkages in Khartoum State". Discussion paper presented for Alternative Methodology for Urban Development. Under the Auspices of UN-Habitat Sudan- Khartoum.

April 2006 : "City Wide Approach as an Alternative Method for Khartoum State Structure Plan". Paper presented at the International Development Panel, Local Development Through Integrated Urban Approach . Under the auspices of Habitat Platform, Cordaid, INTA and Christian Relief Development Association CRDA. Addis Ababa . 5-7 – April 2006.

Sept. 2006 : "Opportunities of Investment in Khartoum State". Paper presented for the 2nd International Investment Conference. Under the auspices of the Ministry of Investment Sudan. Friendship Hall – Khartoum Sudan 12-14 Sept. 2006.

Nov. 2006 : "Considering Planning Needs for Children & Handicapped in Khartoum New Structure Plan". Discussion Presentation presented for the International Seminar on planning Needs for Children & Handicapped in the City. Under the auspices of the World Bank, Arab Urban Development Institute AUDI and the Ministry of Planning &Public Utilities. Friendship Hall – Khartoum Sudan 5-10 Nov. 2006.

Feb. 2007 : "Refocusing Financing Housing in Sudan. A Paradigm Shift." Paper presented for the workshop seminar on Low Cost & Healthy Home. Under the auspices of Practical Active Organization and Sudanese Organization for Building Materials. Khartoum .

Dec. 2007 : "Housing the Urban Poor and Squatters in G. Khartoum 1956-2005". Paper presented for the workshop on Means to Rectify Squatter Settlements in MENA region. Under the auspices of the World Bank, OPEC Fund, Cities Alliance, AUDI,. Morocco Council. 3-5 Dec. 2007. Morocco.

Dec. 2007 : " Evaluation of Khartoum State Experience Towards Solving Problems of Squatters and Consolidating Urban Structure". Discussion Paper, presented to the "International Experts Meeting" on the Urban Governance and the millennium goals. Sponsored by EASCWA. Kuwait. 10-12 Dec 2007.

April 2008 : "Symptoms of the 4th. Housing Strategy in Sudan . The Unachieved balance of Supply & Demand". Paper presented to the 3rd. Architectural Scientific Conference on Urban housing. Sharqa hall, 28-30 April 2008. Khartoum.

Nov 2008 : " Urban Restructuring : A Tool to Achieve Paradigm Shift to Knowledge Cities. With emphasis on Khartoum as a city in transition". Paper presented to the 3rd International Symposium on Knowledge Cities. Under the auspices of Istanbul Municipality and Arab Urban Development Institute. 17-19 November 2008. Istanbul – Turkey.

Dec. 2008 : "The Role of Khartoum Local Urban Observatory in Monitoring & Implementing the New Structure Plan". Discussion Presentation, presented in the 3rd. **Workshop of the KLUO** . Under the auspices of UN Habitat . Salam Rotana Hotel. Khartoum. 1-3 Dec. 2008.

Feb. 2009 : " Examining Good Urban Governance in Khartoum State Under the Anvil of the Local Government Laws & the Planning Laws". Research Paper , presented to the International

Training Workshop sponsored by the Arab Urban Development Institute, on Role of Legislations, administration, and Structures in Sustainable Development. Madani. Sudan, 1-3 Feb. 2009.

March 2009: “ Bottom Up Approach in Formulating Development strategy, Lessons Learnt from Failures & Conflicts of Theory in Practice”. Paper presented to the 1st. Regional Workshop on City Development Strategy. Arab Urban Development Institute. Manama, Bahrain 29-31 March 2009.

Sep. 2009: “ Overview of Sudanese Women Status in Khartoum Structure Plan”. Paper presented to the Habitat International Workshop on Women & Gender Issues. Cairo. Egypt. With Dr. Mai Izzeldeen Osman

March 2010 : “Housing & Real Estate Development in Sudan, with Emphasis on Khartoum State”. Paper presented for the monthly symposium of the Ministerial Cabinet, under the topic of: housing and settlements in Sudan.

March 2010 : “ Developing Sudanese City’s integrated Development Index. Paper presented to the 2nd. Regional Workshop on City Development strategy. Arab Urban Development Institute. Khartoum Fatih Tower, 6 -7 March 2010.

April 2010: “the Urban Profile of Sudanese Women Empowerment Profile’. Paper presented to the conference on Women, City & Good Governance in MENA. CEDEJ. The French Center for Social, Economic & Jurisdiction Studies & Documentation. French embassy, Cairo, Egypt. 14 - 15 April 2010.

Oct. 2010: “ A Shift Towards a Comprehensive Handling to the Issue of Access to Residential Land. Paper submitted to the 1st. African Architecture & Planning Schools AAPS conference. Dar es Salam. Tanzania. 5 -8 Oct 2010. (not presented)

May 2012: “Sudanese Cities’ Integrated Development Indicator *SCIDI*”. Paper presented for the 1st. International Conference, on Local Governance & Sustainable Urban Development in Arab City. Sponsored by Arab League, UN Habitat and Kuwait Municipality. Kuwait. 7-9 May 2012.

March 2013. “Research Methodology in Architecture & Planning Field. A time for Paradigm shift”. Paper presented for the 1st. International Delphe conference, *on* Construction Industry in DC: *Education, Training, research, & practice*. **University of Khartoum & University of Readings. Khartoum 10-13 march 2013.**

April 2013. “ Social Rarefaction in Rapidly Developed Urban Centers. A comparative study on the repercussion of war and peace on the urban context on Khartoum and Nyala (Darfur) cities. ”. Paper presented for the conference on Social Impact of Sprawl of Arab City . Arab Urban Development Institute and Medina Monawra Municipality. Medina 8-10 April 2013 . KSA.

June 2013: “The Integrated Indicator Measurement of Compatible Urban Development for Sudanese Cities”. Refereed Paper, **Journal of Building & Road Research.** Vol. 14, June. 2013. Building & Road Research Institute. Khartoum,. ISSN 1858- 5019.

Dec. 2013: “Methodological Concepts of Scientific Research in Architecture & Planning”. Refereed Paper, **Journal of Building & Road Research.** Vol. 15, dec. 2013. Building & Road Research Institute. Khartoum,. ISSN 1858- 5019.

Dec 2014. “ The Role of Academic Management on Increasing Efficiency of Engineering Education in Sudan. Refereed Paper, presented to conference on The Present & Future of the Engineering Education in Sudan. Sudan Engineering Council. Friendship Hall. Khartoum . 10 Dec 2017.

Feb. 2015. “The Future of African Cities, Lesions Learnt from Khartoum State Strategy of Development”. UONGOZI Institute. (Institute of African Leadership for Sustainable Development). Dar el Salam. Tanzania. 19 - 20th February 2015.

Aug. 2015: “Towards a Sustainable Planning Practice Methodology, Complementing Theory in Practice”. Refereed Paper, presented to conference on Managing Great Metropoles, Sponsored by the Arab Union for Human Resources Development & Arab Urban Development Institute. Cairo – Egypt, 16-18 August 2015.

April 2016: “Repercussions of Climate Change on Urban Environment & Sustainability, Experience of Khartoum State in Upgrading Urban Environment”. Refereed Paper, presented to the Arab Urban Development Institute’s conference on Environmental Challenges & Impacts on Urban Development. Dakhla – Morocco, 5-7 April. 2016.

May, 2016: “Vicious Circle of Environmental Changes, Degradation of Urban Environment and Sustainability”. Refereed Paper, presented to the 4th. Scientific Conference of the Sudanese Architects’ Society. Khartoum, Friendship Hall, 22-24 May 2016.

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Jan 2018