

## ***CURRICULUM VITAE***

Name : Mahmoud Mohamed Idris  
Place, Date of Birth : Omdurman, Sudan, 1945  
Nationality : Sudanese

### ***UNIVERSITY EDUCATION:***

1971 : B.Sc. (Arch.) Hons. (Second Class) University of Khartoum, Sudan.  
1974 : DPU Dipl. University College London, UK.  
Educational Buildings: Standard School Building Design - Sudan.  
1976 : MSc. University of Bristol, UK.  
Advanced Design Techniques of Buildings: Consequences of Window Design in Hot-Dry Climate.  
1978 : Ph.D. University of Bristol, UK.  
Natural Ventilation of Dwelling in Hot-Dry Climate - Sudan

### ***PRIZES AND SCHOLARSHIPS***

1971 : Final thesis prize for best project, Department of Architecture, University of Khartoum, Sudan.  
1973 : British Council Scholarship for Two Years Graduate Studies in UK.

### ***CAREER SYNOPSIS:***

1971 - 1972 : Assistant Researcher, Building Research and Road Institute (BRRI), University of Khartoum, Sudan.  
1972 - 1973 : Teaching Assistant, Department of Architecture, University of Khartoum, Sudan.  
1973 - 1978 : Postgraduate Study in UK.  
1978 - 1985 : Assistant Professor, Department of Architecture, University of Khartoum, Sudan.

- 1979 - 1982 : Tutor of the Draughtsmanship and Faremanship Diploma, Extral Mural Studies, University of Khartoum, Sudan.
- 1980 - 1982 : Part-Time Assistant Professor, Khartoum Institute of Technology, Sudan.
- Mar.-June '83 : Visiting Assistant Professor, Architecture Department, UAE University.
- 1985 - 1990 : Assistant Professor, Architecture Department, UAE University.
- 1990 - 1991 : Assistant Professor, Department of Architecture, University of Khartoum, Sudan.
- 1991 - 1997 : Assistant Professor, College of Architecture and Planning, King Saud University.
- 1997 - 2003 : Associate Professor, College of Architecture and Planning, King Saud University, Riyadh.
- 2003 - todate : Professor, College of Architecture & Planning, King Saud University, Riyadh

***PROFESSIONAL MEMBERSHIPS:***

- 1972-todate : Member of the Sudanese Institute of Architecture, Sudan.
- 1972-1987 : Officer In-Charge of Architecture Profession, Sudanese Institute of Architect, Sudan.
- 1978-todate : Member of the Council of Engineers, Sudan

***PROFESSIONAL EXPERIENCE:***

- 1971-1973 : Architect Associated with House of Architecture, Khartoum, Sudan.
- 1978-1987 : Senior Architect, Hamdi Consulting Group, Khartoum, Sudan.
- 1983-1984 : Member of the Planning Team, University of Darfur, Sudan.

***PROJECTS***

- 1971-1973 : Development Plan of the African Islamic Center, House of Architecture, Khartoum, Sudan.

- 1972-1973 : Soba Clinical Laboratories, Faculty of Medicine, Building Project Unit, University of Khartoum, Sudan.
- 1972-1973 : Detailing of University of Khartoum Students Hostels at Smbat and Khartoum, Building Project Unit, K of K, Sudan.
- 1978-1979 : University of Juba, Study, Design, Hamdi Consulting Group, Khartoum, Sudan.
- 1979-1980 : Faisal Islamic Bank, Branches at P. Sudan and Medani, Hamdi Consulting Group, Khartoum, Sudan.
- 1980-1981 : Um Dom Teaching Hospital H.C.G. Khartoum.
- 1981-1982 : Al Gadid Printing Press, Hamdi Consulting Group, Khartoum, Sudan.
- 1983-1984 : Khartoum East Primary School, Hamdi Consulting Group, Khartoum, Sudan.

***BOARDS AND COMMITTEES:***

- 1979 - 1981 : Member of the Faculty of Engineering Examination Committee, University of Khartoum, Sudan.
- 1982 - 1990 : Member of the Sudanese Group for Assessment of Human Settlements (SGAHS) in collaboration with IIED, London.
- 1982 - 1983 : Member of Faculty of Engineering Library Committee.
- 1983 - 1984 : Member of Faculty of Engineering Urbanization Committee.
- 1983 - 1985 : Member of University of Khartoum, Faculty of Engineering Board.
- 1984 - 1985 : Member of the Committee of the Beatification of Khartoum Town, Sudan.
- 1985 - 1990 : Member of the Faculty of Engineering Students Training Committee, UAE University.
- 1987 - August : Convener of Committee in Charge of the reallocation and Organization of Space, Faculty of Engineering, UAE University.

- 1992 -2004 : Member of Examination Committee, Department of Architecture and Building Science, King Saud University, K.S.A.
- 2002-2003 : Member of Academic plan development committee. Department of Architecture and Building Sciences, KSU.
- 2002-2003 : Convener of Building Technology Committee. Department of Architecture and Building Sciences, KSU.
- 2002-2003 : Convener of Architectural Engineering Development courses committee, Department of Architecture and Building Sciences, KSU.
- 2003(May) : Member of the Jury for the Marble Architecture Award: North Africa/Middle East, Carrara of Italy, in Riyadh, KSA.
- 2004-2005 : Member of Academic Affairs Committee, Department of Architecture and Building Sciences, KSU.
- 2005-2006 : Member of Translation Committee of the B.Sc Academic plan courses, Department of Architecture and Building Sciences, KSU.
- 2006-2007 : Member of Translation committee of the M.Sc and Ph.D. Academic plan courses, Department of Architecture and Building Science, KSU.

***COURSES DELIVERED TO UNDERGRADUATE CANDIDATES, UNIVERSITY OF KHARTOUM***

- |               |                         |                  |
|---------------|-------------------------|------------------|
| 1978 - 1985 & | : Architectural Science | I                |
| 1990 - 1991   | : Architectural Science | II               |
|               | : Architectural Science | III              |
|               | : Building Construction | II               |
|               | : Theory of Design      | II [ Hospitals ] |
|               | : Studio Work           | II               |
|               | : Studio Work           | V                |

***COURSES DELIVERED TO UNDERGRADUATE CANDIDATES, UAE UNIVERSITY***

- |             |                                     |   |
|-------------|-------------------------------------|---|
| 1985 - 1990 | : Illumination and Acoustics        |   |
|             | : Architecture Basic Design         | I |
|             | : Drawing and Graphic Communication |   |

Architectural Construction	(1)
Architectural Construction	(2)
Architectural Construction	(3)
Architectural Construction	(4)
Sanitary Installation	
Architectural Design	(3)
Architectural Design	(5)
Graduation Project	[ First Stage ]
Graduation Project	[ Second Stage ]
New Construction Methods	
Special Architectural Details	
Construction Materials (2)	For Interior
Finishing Materials	Architecture

***COURSES DELIVERED TO UNDERGRADUATE CANDIDATES, KING SAUD UNIVERSITY, K.S.A.***

1991 - todate	:	430 ARCH.	Design (7)
		310 ARCH.	Design (3)
		320 ARCH.	Design (2)
		130 ARCH	Basic Design(1)
		412 ARCH.	New Structural System in Architecture
		322 ARCH.	Advanced Architectural Details
		343 ARCH.	Building Construction (2)
		333 ARCH.	Building Construction (1)
		243 ARCH.	Building Materials
		315 ARCH.	Sanitary Installations

***COURSES DELIVERED TO POSTGRADUATE CANDIDATES, KING SAUD UNIVERSITY, K.S.A.***

2004-2007	:	571ARCH.	Integration of Building Sub-systems(M.Sc)
		661ARCH.	Advanced Building Technology(1) (Ph.D)
		662ARCH.	Advanced Building Technology(2) (Ph.D).

***POST GRADUATE AND RESEARCH:***

- 1983 - 1985 : Co-Supervision of a successful M.Sc. By research on the Influence of Tradition and Culture on Architecture of UAE, University of Khartoum, Sudan.
- 1984 - 1985 : Supervision of a successful M.Sc. dissertation on Physical Planning, on the Use of Remote Sensing on the Assessment of Planning and Housing Data, University of Khartoum.
- 2000 - 2004 : Supervision of successful M.Sc. dissertation on Architecture; Influence of Environmental Factors on Natural Stone Veneers Used in Building façade in Jeddah, King Saud University.
- 2003-2005 : Supervision of a successful M.Sc. dissertation entitled: Awareness of the Influence of Intelligent Systems on Dwellings, Department of Architecture and Building Sciences, KSU.
- 2004-2006 : Supervision of successful M.Sc. dissertation entitled: Possibility of Application of Virtual Design studio, a case study on Design course, Department of Architecture and Building Sciences, KSU.

***CONFERENCES AND SEMINARS:***

- 1984 (Dec.) : First Conference on the Science and Technology of Building, SES, Khartoum, Sudan.
- 1987 (April) : Seminar of the Maintenance of Buildings and Structures, Faculty of Engineering, UAE.
- 1987 (Oct.) : Third Arab International Aluminum Conference, Dubai, UAE.
- 1989 (March) : Third Arab Structural Engineering Conference, Faculty of Engineering, UAE University.
- 1999( ) : Symposium on Mosque Architecture, College of Architecture and Planning, King Saud University.
- 2004(March) : Symposium of Housing(2): Affordable Dwelling, Arriyadh Development Authority, KSA.

***PUBLICATIONS AND RESEARCH PAPERS (English):***

1. Mahmoud M. Idris (1982) : An Experimental Study of The Thermal and Ventilation Properties of A Dwelling in A Hot-Dry Climate CP 2/82 BRRI U of K.
2. Mahmoud M. Idris (1982) : The Role of Windows in Buildings, CP/82 BRRI U of K.
3. Mahmoud M. Idris (1984) : The Effect of Night Ventilation on the Internal Thermal Environment of A Room in Hot-Dry Climate, proceeding of the First National Conference on the Science and Technology of Building, Khartoum. (pp. 261-275)
4. Mahmoud M. Idris (1985) : "Somalia, in Adil Mustafa and Mahmoud M. Idris, Human Settlement in Arab Countries Part II", KUP Khartoum.
5. Mahmoud M. Idris (1987) : Some Factors Affecting Maintenance of Buildings in UAE, Alam Abina, Cairo.
6. Mahmoud M. Idris (1989) : Tradition and Culture in the Environment of Housing in the Hot-Dry Climate, Drasat Hundasia, Vol. 2, No.1. (pp. 31-45)
7. Mahmoud M. Idris (1990) : Maintenance of Buildings In-Use in UAE, Drasat Hundasia Vol. 3, No. 1. (pp. 119-138)
8. Mahmoud M. Idris (1991) : Towards an Improved Quality of Low-Cost Housing in UAE, Housing Science and Its Application, Vol. 15, No.1. (pp.55-64)
9. Mahmoud M. Idris (1996) : Design and Detailing Considerations of Roofs in a Hot-Dry Climate: A case of large flat roofs, Architectural Science Review, Vol. 39, No. 1 (pp. 193-201)
10. Mahmoud M. Idris (1997) : Some Problems of Water Leaks in Bathrooms of the University Flats in Riyadh, Building & Environment, Vol. 32, No. 9. (pp. 381-387)

11. Mahmoud M. Idris (1998) : Assessment of the Factors Influencing Maintenance Programme of a Large University Building in Riyadh: Construction Management and Economics, vol. 16, (pp. 673-679).
12. Mahmoud M. Idris (2000) : The Use of Marble Veneer in Building Façade in Riyadh: Material, Adaptability and Construction, Architectural Science Review, Vol. 43, No. 1. (pp. 5-12)
13. Mahmoud M. Idris (2001) : Building Materials: Sources, Occurrence and Development, the case of Al-Madinah, Saudi Arabia, Architectural Science Review, Vol. 44, No. 2. (pp. 145-151)
14. Mahmoud M. Idris (2001) : Assessment of University Staff Flats in Riyadh, Based on Judgement Made by Their Users, Journal of King Saud University, Vol. 13. (pp. 1-21)
15. Mahmoud M. Idris (2002) : Drainage of Flat Roofs of Villas in Hot-Dry Climate, Architectural Science Review, Vol. 44. (pp. 1-8).
16. Mahmoud M. Idris (2004) : Issues Affecting the Use of Granite Dimension Stone as "Exterior Wall-cladding in Riyadh, Journal of King Saud University Vol. 17 (pp. 1-24).
17. Mahmoud M. Idris (2005) : Determination of Chloride contents in floor layers of Bathroom - Riyadh, Journal of Science and Technology, Sudan University of Science and Technology (pp. 5-18).
18. Mahmoud M. Idris & Faisal A. Agabani(2007) : The KSU Campus and New Colleges, Lessons and Guidelines. In AAFAQ: The Higher Education Strategies Plan Project, Prince Sulman Research & Translation Centre, Prince Sultan University.



***PUBLICATIONS AND RESEARCH PAPERS(Arabic):***

- Mahmoud M. Idris (1984) : In Al Agra' O.et.al. Analytical Method for Darfur University Campus Master Plan, Silver Star, Khartoum.
- Mahmoud M. Idris (1995) : PRIVACY: Meaning and concept in Shape Architectural Space in the Residential Environment, Journal of King Saud University Vol. 7 (pp.63-100).
- Mahmoud M. Idris (1996) : Translation of the Chapter about Architecture in the World Arabic Eyclopedia (pp.556-583).
- Mahmoud M. Idris & Ali Ben Salim Bahamam (1999) : Mosques Alterations: Modifications and Solutions as Required by Worksipers, Proceedings of Mosque Symposium Vol.5 (pp.129-148).
- Mahmoud M. Idris (2004) : Application of Standardization in Affordable Dwelling: The case of Windows Design and Production, Proceeding of Symposium of Housing (2) (pp.835-852).
- Mahmoud M. Idris & Ali Ben Salim Bahamam et.al. (2004) : A Handbook on Affordable Dwelling, Arriyadh Development Authority, K.S.A.
- Mahmoud M. Idris (2004) : Building Technology in Baham A. et.al Reference of Simple Design and Construction of Modern Dwelling, Arriyadh Development Authority, KSA.

## السيرة العلمية الذاتية

الأسم	:	محمود محمد إدريس
مكان و تاريخ الميلاد	:	امدرمان، السودان ١٩٤٥
الجنسية	:	سوداني
الدراسة الجامعية	:	
١٩٧١	:	بكالوريوس (العمارة) درجة الشرف، كلية الهندسة والعمارة، جامعة الخرطوم السودان
١٩٧٤	:	دبلوم التخطيط التنهوي، كلية لندن الجامعية - جامعة لندن - المملكة المتحدة.
١٩٧٦	:	ماجستير "التقنيات المتقدمة في التصميم" جامعة بوستول، المملكة المتحدة
١٩٧٨	:	دكتوراه "التهوية الطبيعية المساكن في المناخ الحار الجاف" - جامعة بوستول، المملكة المتحدة.
- الجوائز والمنح	:	
١٩٧١	:	جائزة أفضل مشروع تخرج - قسم العمارة، جامعة الخرطوم.
١٩٧٢	:	منحه المجلس الثقافي البريطاني للدراسة في المملكة المتحدة. لمدة عامين.
الترج الوظيفي	:	
١٩٧١ - ١٩٧٢	:	مساعد باحث، مهد بحوث البناء والطرف - جامعة الخرطوم، السودان
١٩٧٢ - ١٩٧٣	:	مساعد تدريس، قسم العمارة بكلية الهندسة والعمارة جامعة الخرطوم، السودان
١٩٧٣ - ١٩٧٨	:	دراسات عليا في المملكة المتحدة.
١٩٧٨ - ١٩٨٥	:	استاذ مساعد بقسم العمارة بكلية الهندسة والعمارة جامعة الخرطوم، السودان.
١٩٧٩ - ١٩٨٢	:	المشرف على دبلوم الرسم المعماري والاشراف - معهد الدراسات الاضافية بجامعة الخرطوم، السودان.
١٩٨٠ - ١٩٨٢	:	أستاذ مساعد زائر قسم العمارة بكلية الهندسة - جامعة الامارات العربية المتحدة.
١٩٨٥ - ١٩٩٠	:	استاذ مساعد، قسم العمارة بكلية الهندسة - جامعة الامارات العربية المتحدة.