

## CURRICULUM VITAE 2009

### A. PERSONAL DATA

|                         |   |                             |   |
|-------------------------|---|-----------------------------|---|
| Name                    | <b>AKRAM AHMED ELKHALIFA</b>  |                             |  |
| Sex                     | Male  |                             |   |
| Nationality             | Sudanese  |                             |   |
| Marital status          | Married   |                             |   |
| Date and place of birth | 8 <sup>th</sup> March 1975, Khartoum  |                             |   |
| Address                 | P.O.BOX 12157 Khartoum, Sudan   | ص.ب: 12157 الخرطوم، السودان |   |
| Tel (Office)            | +249-183-786467   | Tel (Home): +249-187-549587 |   |
| Mobile                  | +249-9-12360823 - +249918656090   |                             |   |
| E-Mail                  | <a href="mailto:akrelk@uofk.edu">akrelk@uofk.edu</a> & <a href="mailto:akram.elkhalifa@unicam.it">akram.elkhalifa@unicam.it</a> |                             |   |

### B. EDUCATION:

|                       |   |
|-----------------------|---|
| <u>Since May 2008</u> | Pursuing Ph.D studies at UNICAM University, Italy   |
| <u>2004</u>           | M.Sc. In Real Estate Management, Royal Institute of Technology (KTH)-Sweden   |
| <u>2000</u>           | B.Sc. (Hons.), Architecture _ Second Class Division One.<br>(Prize winner for the year 1998-1999)   |
| <u>1994</u>           | Sudan Secondary School Certificate Khor Omer Higher Secondary School<br>(I attained <u>Ninth Position among all Academic Section candidates 105000 examinees</u> - approx. - all around the country.) |

### C. M.Sc. THESIS

Title: **THE APPRAISAL OF RELIGIOUS FACILITIES AND THE APPRAISAL PROCESS MODELING**

In this thesis I tried to show how appraisers can apply the valuation methods on special purpose properties in general and religious facilities in specific. In the discussion I concentrated on Sweden and mentioned some of the facts that are related to the appraisal of religious facilities. I reviewed some of the statistics about the population and the religious structure in Sweden. Then I mentioned the purposes behind this kind of appraisal assignments. The characteristics of the Churches were highlighted and the discussion showed how the value of a church is created and the factors that affect its value. The applicability of the three approaches to value on the religious facilities and churches in specific was analyzed. Then in the second part I made an attempt to build a model for the appraisal process using the IDEF0 Method. I made a description of the IDEF0 Method, its rules, and benefits. Then I built two IDEF0 Models, the first was for the theoretic appraisal process and the second was for the appraisal process of a Swedish Company (SVEFA AB). I compared the theoretic model to the model that I built for SVEFA AB to show any differences that may exist between the two processes. As a conclusion I made some suggestions for SVEFA AB to follow in order to improve its performance

#### **D. GRADUATION THESIS:**

Title: **KHARTOUM NEW INTERNATIONAL AIRPORT PROJECT**

This project was aimed to study the existing situation of Khartoum Airport, then the selection of a new site fulfilling the requirements of the airport and complying with the international restrictions laid for airports. The airport is located 18km north east the center of Khartoum city .The project undertook all the parts concerning airports design from site selection and planning to the buildings design. It is designed to serve 3,000,000 passengers by the year 2005 and 15,000,000 by the year 2020. The thesis is composed of two parts, the first discusses the existing situation, the need for a new site and the general concepts of airports design. The second deals with the main concepts of design and spells out the proposed design.

#### **E. EMPLOYMENT RECORD:**

|   |   |
|---|---|
| <u>18 June 2001- Till Now</u>                                   | Architect (part- time) <i>Promang consultants &amp; (PBM)</i>   |
| <u>22 April 2004-Till Now</u>                                   | Lecturer (Full Time),<br>Department of Architecture- University of Khartoum, Sudan  |
| <u>11Sept 2004-Till now</u>                                     | Lecturer (Part Time), M.Sc. Program in Urban Planning, Centre for Engineering & Technical Centres (CETS).   |
| <u>1<sup>st</sup> Dec. 2004-<br/>1<sup>st</sup> March 2007</u>  | Lecturer (Part Time) at different Universities and colleges; <ul style="list-style-type: none"><li>• ComputerMan College for Computer Studies (CMC)</li><li>• Tahnoon Technological College</li><li>• College of Technological Sciences (CTS)</li></ul> |
| <u>12<sup>th</sup> December 2000-22<sup>nd</sup> April 2004</u> | Teaching Assistant, Department of Architecture- University of Khartoum, Sudan.  |
| <u>01<sup>st</sup> June 2000- 18<sup>th</sup> June 2001</u>     | Assistant Architect (full -time) <i>Promang consultants &amp; Projects Management Bureau (PMB)</i> . Khartoum- Sudan.   |

#### **F. INDIVIDUAL JOBS AND PROJECTS:**

|                                      | <b><u>Client</u></b>                           | <b><u>Project, Location, Year</u></b>                   | <b><u>Notice</u></b>                       |
|--------------------------------------|--|---|--|
| <b><u>1.Architectural Design</u></b> | University of Khartoum Consultancy Corporation | Radiotherapy & Oncology Hospital, Khartoum (Suba), 2008 | Conceptual Design                          |
|                                      | Arabic Research Councils Union                 | Office Building (Headquarter Complex), Khartoum, 2008   | Assessment of Space requirements and Areas |
|                                      | Bagdady Trust, U of K                          | Office Building, Khartoum, 2006                         | Pre Construction Stage                     |
|                                      | Academy of Medical Science and Technology      | Conference Center, Khartoum 2005                        | Under Construction                         |
|                                      | Bagdady Trust, U of K                          | Alhalwani Tower, Khartoum, 2004                         | Pre Construction Stage                     |
|                                      | Bagdady Trust, U of K                          | Alfwal Office Complex, Khartoum, 2004                   | Pre Construction Stage                     |

|   |                             |             |
|---|-----------------------------|-------------|
| Mr. Salih Abdurrahman Yagoub  | Gum Factory, Omdurman, 2001 | Constructed |
| Individual Houses   | Individuals                 |             |
| <b><u>Responsibilities &amp; Duties:</u></b>  |                             |             |
| All/some of the above projects includes the following roles, tasks and activities:  |                             |             |
| <ul style="list-style-type: none"> <li>• Project Co-ordinator (co-ordination between members of design team and participants in addition to cost, time, and quality management)</li> <li>• Project Architect</li> <li>• Preparation of architectural design drawings</li> <li>• Preparation of bills of quantities</li> <li>• Preparation of tender documents</li> <li>• Preparation of preliminary feasibility studies</li> <li>• Costing</li> </ul> |                             |             |

|   |  |   |                      |
|---|--|---|----------------------|
| <b><u>2. Consultancy Services and Site Work Supervision</u></b>   | <b><u>Client</u></b>                         | <b><u>Project, Location, Year</u></b>     | <b><u>Notice</u></b> |
|   | Academy of Medical Science and Technology    | Conference Center, Khartoum 2006 Till Now | Under Construction   |
|   | Mr. Salih Abdurrahman Yagoub                 | Gum Factory, Omdurman, 2001-2002          | Constructed          |
|   | Individual Houses                            | Individuals                               |                      |
|   | <b><u>Responsibilities &amp; Duties:</u></b> |   |                      |
| All/some of the above projects includes the following roles, tasks and activities:  |  |   |                      |
| <ul style="list-style-type: none"> <li>• Project Manager (cost, time, and quality management) including; <ul style="list-style-type: none"> <li>○ Activities Definition</li> <li>○ Activities Sequencing</li> <li>○ Activity Duration Estimating</li> <li>○ Schedule Development</li> <li>○ Resource Planning</li> <li>○ Cost Estimating, Budgeting, and Control</li> <li>○ Cost Baseline or Spending Plan</li> <li>○ Cost Management Plan</li> <li>○ Schedule Control</li> <li>○ Quality Planning</li> <li>○ Quality Assurance</li> <li>○ Quality Control</li> </ul> </li> <li>• Co-ordination between project owner and contractors and managing conflicts</li> <li>• Coordination between different contractors</li> <li>• Revision of contract terms conditions and giving advice to project owner regarding contracting with different contractors</li> <li>• Site work supervision</li> <li>• Assuring that the executed work on site is achieved in compliance with approved design drawings and professional practice codes.</li> <li>• Regularly measure, analyze and report actual performance relative to the targets as designed</li> </ul> |  |   |                      |

and construction proceeds

- Anticipate problems and take preemptive actions
- Problem solving and taking remedial action

| <u>Client</u>  | <u>Project, Location, Year</u>  | <u>Notice</u>  |
|--|---|--|
| University of Khartoum Consultancy Corp.   | Hotel, Khartoum, February 2008  | Pre Construction Stage   |
| Al-Muhajir Furnished Apartments Co. LTD  | Residential Apartments Complex, Khartoum, February 2008                                     | Pre Construction Stage   |
| Al-Awgaaf Islamic Corporation  | Hotel, Khartoum, October 2007   | Pre Construction Stage   |
| AL-Baraka Sudanese Bank  | Khartoum, Plot no. 10 Alragi, Khartoum, (August 2007)                                       | Preliminary Feasibility Study (Highest & Best Use Analysis)          |
| MobiTel (Sudanese Mobile Company)  | Khartoum Tower, Building no.1, Khartoum, April 2007<br>(Pre-Purchasing Consultancy Service) | Co-operatively with Promang Consultants as Project Manager Assistant |
| <p>In addition to my role as project manager assistant, I contributed in the following areas in accordance to the scope of work Assessment of the quality of executed work for;</p> <ul style="list-style-type: none"> <li>○ Civil work; including waterproofing and finishing works (where executed).</li> <li>○ Curtain Walls</li> <li>○ Lifts work</li> </ul> <ul style="list-style-type: none"> <li>• Evaluation of the stages of work and the remaining works</li> <li>• Assisting in the check of the bidding situation of electro-mechanical works and give advice on how to separate MOBITELE services</li> <li>• Assisting in checking &amp; reporting on all available guarantees &amp; insurance certificates</li> <li>• Assisting in checking expected program of work and give advice</li> <li>• Assisting in the assessment of all legal and financial matters &amp; relevant departments/authorities of all above &amp; assistant in finalizing purchase deal.</li> <li>• Give advice on possible division of land and division allocation, and numbers of parking spaces</li> <li>• Property Valuation; estimating the market value of the subject property</li> </ul> |   |  |
| Mr. Sidig Alsadig Almahdi  | Residential Apartments Complex, Omdurman, April 2007  | Pre Construction Stage   |
| National Students Welfare Fund (NSWF)  | Plot No. 682/683/768 Block no. 2 Alazhari, Khartoum, March 2007                             | Appraisal Services   |
| National Students Welfare Fund (NSWF)  | Hotel, Khartoum, February 2007  | Pre Construction Stage   |
| Bagdady Trust, U of K  | Office Building, Khartoum, 2006   | Pre Construction Stage   |

**3. Feasibility Studies and Cost Estimate Projects & Tasks**

|                                    |  |                        |
|------------------------------------|--|------------------------|
| Promang Consultants                | Advance Construction Workshop, Khartoum, 2006  | Pre Construction Stage |
| Bagdady Trust, U of K              | Alhalwani Tower, Khartoum, 2004                | Pre Construction Stage |
| Salih A. Yagoub                    | Residential Apartments Complex, Khartoum, 2006 | Construction Stage     |
| Bagdady Trust, U of K              | Alfwal Office Complex, Khartoum, 2004          | Pre Construction Stage |
| International University of Africa | Office & Commercial Complex, Khatroum, 2005    | Pre Construction Stage |
| Mr. Mohamed Elhassan A. Yassin     | Residential Apartments Complex, Khartoum, 2005 | Construction Stage     |

### **Responsibilities & Duties:**

All/some of the above projects includes the following roles, tasks and activities:

- Project definition and clearly state the objectives and scope of work
- Economical analysis which includes
  - Data collection and analysis of economical data
  - Data collection and analysis of real estate market information
  - Real estate market analysis and highest & best use analysis
- Feasibility Analysis (Technically/Financially) which includes;
  - Identify the target group and its characteristics
  - Site Description & Site Analysis
  - Total cost estimation
  - Proposing financing methods, conditions, duration, and payment methods
  - Income and costs forecasting
  - Extraction and analysis of economic indicators including;
    - Developing cash Flow Models
    - Comparison between different investment alternatives
    - Sensitivity Analysis
- Marketability Analysis
  - Identify the target group and its characteristics
  - Identify the market area
  - Identify the competing supply (Existing, under construction, and proposed)
  - Determine the competitive situation of the subject property
  - Set the price and/or rents, Absorption rate, and Turn over rate
  - Set the different types of contracts (Self Selection and Moral Hazard)

### **G. FIELD TRAINING**

Sept 2003-April 2004

SVEFA AB (Appraisers), Stockholm, Sweden (during my M.Sc. Studies)

- Identifying & analyzing the appraisal process at (SVEFA AB)
- Developing process model & diagrams using IDEF0 Method.
- Comparing the proposed models to the prospective standard model and identify the differences
- Giving advice and suggestions for SVEFA AB to follow in order to improve its performance

|   |   |
|---|---|
| <u>7<sup>th</sup> Jan 2001- 25<sup>th</sup> March2001</u> | Teaching Skills Development- Alahfad University for Women 12 weeks. |
| <u>May 2000- June 2000</u>                                | Civil Aviation Authority (CAA) -6 weeks.                            |
| <u>August 1997-Oct 1997</u>                               | Hayder Ahmed Ali Consultancy-8 weeks<br>(Students Training program) |

#### **H. PROFESSIONAL, SOCIAL AND COMMUNITY ACTIVITIES:**

|   |            |
|---|------------|
| • Member of Khartoum University Properties Investment Committee           | July, 2006 |
| • Building Inspectors Course Co-ordinator, Ministry of Planning           | Oct, 2005  |
| • Member of Baghdadi Trust Investment & Development Committee, U of K     | Oct,2004   |
| • Member of the Sudanese Engineering council                              | 2001       |
| • Member of the Sudanese Architects Society                               | 2001       |
| • General Secretary for Omdurman -Elthawra Society at Khartoum University | 2 years    |
| • Sudanese Red Crescent Society membership                                | 1998       |

#### **I. FIELDS OF INTEREST FOR FURTHER STUDIES:**

|   |
|---|
| • Construction Management   |
| • Real Estate Valuation   |
| • Construction Technology   |
| • Environmental design and the role of design to improve the natural environment. |
| • Natural environment Protection. and energy efficient building                   |

#### **J. LANGUAGES:**

|  |
|--|
| • Arabic: Native language                      |
| • English: Fluent writing and speaking         |
| • Italian: Writing and Speaking (Little)       |
| • Swedish: Writing and Speaking (Little)       |
| • French: Little Writing and speaking (Little) |

### **K. COMPUTER LITERACY:**

- Excellent command of windows packages, Word processing, Excel, Auto CAD, Adobe PhotoShop and PowerPoint.
- Excellent level in developing Cash Flow Models in Excel sheets
- Excellent Process Modelling using the IDEF0 Software

### **L. SKILLS & CAPABILITIES:**

- Teamwork oriented, coordination skills, research skills.
- Consistently demonstrate an insatiable appetite to excel in every aspect of professional and academic life.
- Showing seriousness of purpose accompanied with self and peer motivational skills
- High level of ability to communicate, coordinate and manage enabling to act successfully in any teamwork, regardless to its nature
- Possession of an entrepreneurial spirit that follows a distinguished manager and a leader in his field
- Dependable, efficient and creative with excellent communication skills
- Intellectual ability aptitudes and desire qualify carry out any task properly
- Pleasant and co-operative personality and work very well with colleagues

### **M. LIST OF PUBLICATIONS**

- *Real Estate Appraisal in Sudan: Potentials and Challenges*, Workshop on Real Estate Appraisal in Sudan organized by Sudan University for Science & Technology- Khartoum-Sudan, Khartoum, 28-29 June 2009
- *The Building Materials Industry and Housing Sector in Sudan*, Architects' Third Scientific Conference on Urban Housing in Sudan, Khartoum, 28-30 April
- *Real Estate Appraisal Process Modeling using IDEF0 Method*, CIB W89 BEAR Conference, Hong Kong, 10- 13 April
- *Guides for the Appraisal of Religious Facilities and Real Estate Appraisal Process Modeling*, M.Sc. Thesis, Department of Building & Real Estate Economics, Royal Institute of Technology (KTH). April 2004
- *Khartoum International New Airport*, B.Sc. Thesis, Department of Architecture, Faculty of Engineering and Architecture, University of Khartoum, 2000

## *N. REFEREES*

- Prof. Stellan Lundstrom, Royal Institute of Technology (KTH), Sweden
- Prof. Adil Mustafa Ahmed, Dept of Arch, University of Khartoum
- Dr. Berndt Lundgren, Royal Institute of Technology (KTH), Sweden
- Dr. Mohammed Yagoub I. Shaddad, Dept of Arch, University of Khartoum
- Dr. Saif Sadig Hassan, Dept of Arch, University of Khartoum
- Dr. Abdel Halim Elawad, Dept of Arch, University of Khartoum
- Dr. Salah Mahmoud, Dept of Arch, University of Khartoum