

## **1 PERSONAL DATA & ACADEMIC ACCOMPLISHMENTS**

### **1.1 PERSONAL DATA**

**Name** Habib Mahdi Alshuwaikhat  
**Date of Birth** February 1, 1957  
**Nationality** Saudi Arabian  
**Marital Status** Married  
**Position** Associate Professor  
**Mailing Address** Department of City & Regional Planning  
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### **1.2 EDUCATION**

**Doctor of Philosophy (Ph.D.), June 1988**  
Field of Urban Systems and Policy Planning  
(Urban and Regional Planning)  
Northwestern University, Evanston. Illinois. USA.

**Master of City Planning (MCP). August 1983**  
Field of City and Regional Planning  
University of Pennsylvania, Philadelphia. Pennsylvania.  
USA.

**Bachelor of Science (B.S. with HONORS), June 1980**  
Field of Architectural Engineering  
University of Petroleum and Minerals  
Dhahran. Saudi Arabia.

### **1.3 ACADEMIC EXPERIENCES**

**Associate Professor (April 1996 to present)**  
Department of City & Regional Planning (KFUPM)

**Assistant Professor December 1987 -April 1996**  
Department of City & Regional Planning (KFUPM)

**Graduate Student(September 1983 -November 1987)**  
Urban & Regional Planning Program,  
Northwestern University, Evanston, IL, USA.

**Graduate Student (September 1981 -August 1983)**  
City & Regional Planning Department,  
University of Pennsylvania, Philadelphia, P A., USA.

**Graduate Assistant (June 1980 -August 1981)**  
Architectural Engineering Dept., King Fahd University  
of Petroleum & Minerals, Dhahran, Saudi Arabia.

#### **1.4 CAREER DEVELOPMENT**

Throughout my professional career, I was keen on keeping at the cutting edge of development in my field and related areas. Thus, I have participated in several international, regional and local conferences, symposia and workshops. A partial listing of these is given below:

##### **1.4.1 Conferences and Symposia**

No.	Name of Event	Association & Location	Year	Level of Participation
1	Mapping the Future, Urban & Regional Information Systems Association (URISA)	URISA Los Angeles, USA	August 7-11,1988.	Attended
2	Symposium on New Town, The Arab Urban Development Institute	Jubail, SAUDI ARAIBIA	December 3-7, 1988.	Presented a paper
3	The Annual meetings of The Saudi Umran Association	Different Cities in Saudi Arabia	1 <sup>st</sup> was in 1990- present	Attended
4	Preserving the Architectural Heritage and Urban Regeneration	KA AU, Jeddah, SA	November 20- 21, 1990.	Attended
5	5th International Research Conference on Housing	Montreal, CANADA	July 7-10, 1992	Presented a paper
6	Tapping Information Resources in the Middle East, GIS Conference '93	The Center for GIS, Doha, QATAR	January 16- 18, 1993	Attended
7	City Region and Well-Being: What Planners Can Do to Promote the Health and Well-Being of the People in City Regions?	International Society of City and Regional Planners(ISO CRP) Glasgow, UNITED KINGDOM	August 31 to September 4, 1993	Attended a short course
8	Symposium on Preserving the Heritage of Gulf Architecture.	Doha, Qatar	October 1-3, 1994,	Presented a paper
9	New Frontiers in Housing and Planning -Habitat 94	International Federation for Housing and Planning (IFHP), Edmonton, CANADA	September 18-23, 1994.	Presented a paper
10	Conference on Healthy Cities in Cities of the Arab Gulf States	Dubai, UAE	November 26-28, 1994	Presented a paper
11	Symposium on Environmental Rehabilitation	KUWAIT	April 8-10, 1996	Invited as Main Speaker
12	United Nations Conference on Human Settlements (HABIT AT II) , City Summit,	UN City Summit Istanbul, TURKEY	3-14 June, 1996.	Attended as Member of the Saudi Delegation

*Dossier of Dr. Habib M. Alshuwaikhat*

13	URISA 35th Conference "Integrating Information Technology	URISA Toronto, CANADA	July 19-23, 1997	Attended
14	International Conference on Architecture and Cities of the 21 <sup>st</sup> Century	UNESCO Valencia, SPAIN	July 2-4, 1998	Invited to attend
15	URISA1998 Conference "Sharing Information Technology Solutions	URISA Charlotte, NC, USA,	July 18-22, 1998.	Attended
16	International Impact Assessment Association Conference (IAIA) 99 "Impact Assessment for New Century".	IAIA'99 Glasgow, UNITED KINGDOM	June 15-19, 1999	Presented a paper
17	IAIA '00 Conference "Back to the Future: Impact Assessment in 10 Years"	IAIA'00 Hong Kong, CHINA	19-23 June 2000.	Presented a paper
18	Desert Knowledge Symposium	Alice Spring: AUSTRALIA	August 27- 30, 2002	Presented a paper
19	Building Cities in Critical Natural Environments	International Network for Urban Development (INTA- Netherlands) Laayoune, MOROCCO	November 20-24, 2000	Invited Speaker
20	Stakeholders Round Table For West Asia – World Summit on Sustainable Development (RIO+10)	UNEP – ESCWA BAHRAIN	September 23-25, 2001	An Observer and Representing the Academic Sector
21	Symposium on the Development of Engineering and Environmental Design Education.	King Abdulaziz University, Jeddah	12-14 February, 2001	Presented a paper
22	Gulf Engineers and the Future, Fifth Gulf Engineering Meeting	Muscat Municipality Muscat, Oman	18-20 February, 2001	Presented a paper
23	New Dimensions of Urban Development: NTIC for Local Management – INTA25 Annual Conference	International Network for Urban Development (INTA- Netherlands) Dubai, UAE	October 20- 23, 2001	Invited as Key Note Speaker
24	First Meeting on Performance in Municipalities,	Amant Al-Riyadh, MOMRA	October 30- 31, 2001	Presented a paper
25	Urban Development in Arid Regions – Regional Conference	Arab Housing and Development Council, Riyadh, SA	November 2-4, 2002	Member of The Organizing and Scientific Committee
26	Sixth Saudi Engineering	KFUPM Dhahran,	December	Session

*Dossier of Dr. Habib M. Alshuwaikhat*

	Conference	Saudi Arabia	14-17, 2002	Chairman
27	Geography : Serving Society and the Environment	RGS-IBG Annual Conference London, UNITED KINGDOM	September 3-5, 2003	Attended
28	The First Planning Symposium for the Development of Academic Urban Planning Programs and Professional Practice in Saudi Arabia	KFUPM Dhahran, Saudi Arabia	October 14-15, 2003	Member of The Organizing Committee
29	IAIA'04 Conference: Impact Assessment for Industrial Development	IAIA'04 Vancouver, CANADA	April 24-30, 2004	Presented a paper
30	AESOP05 -Congress: The Dream of Greater Europe	Association of European Schools of Planning (AESOP) Vienna, AUSTRIA	July 13-17, 2005	Attended
31	International Experience and Perspectives in SEA A Special Thematic Meeting of IAIA	International Impact Assessment Association (Prague, CZECK REPUBLIC	September 26-30, 2005	Presented a paper
32	Gulf Planning Conference	KUWAIT	December 23-25, 2005	Member Scientific Committee
33	First Municipal Council Action: Toward Better Partnership- Regional Conference	BAHRAIN	March 26-28, 2006	Key Note Speaker
34	International Conference on Urbanization and Sustainability in a Changing World	The Saudi Umran Association Jeddah, SA	April 16-20, 2006	Member of Scientific Committee

**1.4.2 Workshops, Short Courses & Seminars**

No.	Name of Workshop/Seminar	Organization & Location	Year	Level of Participation
1	Adaptive Reuse: Integrating Traditional Areas into the Modern Urban Fabric	Aga Khan Program for Islamic Architecture Harvard Univ. & MIT	August 16-20, 1982	Attended a Seminar
2	15th International Seminar on Environmental Assessment and Management	Center for Environmental Management and Planning, University of Aberdeen, Scotland, UNITED KINGDOM	June 26 to July 9, 1994	Attended a Seminar
3	Short Course on Advanced Topics in Environmental Impact Assessment	Environmental Impact Training Dallas/FT. Worth, Texas, USA	May 14-16, 1997	Attended a Short Course

*Dossier of Dr. Habib M. Alshuwaikhat*

4	Workshop on Virtual Reality Nets for Land Planning	Urban and Regional Planning Association (URISA) Charlotte, NC, USA,	July 18, 1998	Attended a Workshop
5	Advances in Building Design and Construction	PROJACS Dubai, UAE	February 9-13, 2002	Attended a Short Course
6	Computer Graphiques and Illustration Techniques	KFUPM	December 2003	Attended a Workshop
7	Workshop on Strategic Planning	Deanship of Academic Development, KFUPM	April 12-13, 2004	Attended a Workshop

**1.5 MAJOR RESEARCH INTEREST**

I have carried out research activities in the following research areas:

- Sustainable Urban Development and Planning
- Strategic Environmental Assessment
- Environmental and Social Impact Assessment
- GIS Application in Urban Development and Planning
- Urban Systems & Policy Planning
- Urban Land Use Planning Policies
- Urban Growth Management
- Spatial Planning & Urban Design
- Sustainable Affordable Housing

**1.6 PROFESSIONAL AFFILIATIONS**

I have been a member of the following international and national professional and scientific associations

- American Planning Association (APA)
- International Association of Impact Assessment (IAIA)
- International Society of City and Regional Planners (ISoCRP)
- Urban Land Institute (ULI)
- The Saudi Umran Association

## **2 TEACHING**

### **2.1 PHILOSOPHY OF TEACHING STATEMENT**

My main goal is to create a positive learning and an interactive pedagogical environment where students can develop their critical and independent thinking skills and analytical reasoning abilities. I conduct myself in a professional manner, respect my students and consciously motivate them to exploit their potential capabilities.

I strongly believe that the best way to learn is to teach. Discussions with my colleagues and inputs from my students are the best source for improving my teaching techniques which are evolving on a continuous basis. Technological, instructional and educational aids and techniques are very useful tools and should be utilized effectively. I encourage the use of state-of-the art softwares to stay in line with current teaching and research developments and practices in sustainable urban development and planning.

Teaching in urban development and planning requires strong research activities. Helping student comprehending planning theories, policies and strategies necessitates the existence of practical and local case studies where such concepts are addressed and discussed. A research oriented classes become a practical teaching approach I have conducted in most of my courses.

### **2.2 COURSES TAUGHT AT KFUPM**

During my career I have taught undergraduate and graduate courses in the Department of City and Regional Planning and the Department of Architecture. I have served as a major supervisor, co- supervisor or a committee member of Masters students in their Final Planning Projects (MCP-Thesis Equivalent) as well as MS thesis committee member and a co- supervisor for Ph. D. Dissertation.

Course # and Title	Term	Student Evaluation/10	Course Average
<b>Undergraduate Courses</b>			
ED 331 Urban Economics	872	8.19	<b>8.19</b>
CP 454 Quantitative Method	872	9.55	<b>9.55</b>
ARC 433 Design Determinants	911	9.32	<b>9.32</b>
ARC 452 Socio-cultural Factors in Design (old #) ARC 482 Socio-cultural Factors in Design	912, 921, 931 042	9.39, 9.40, 9.52, 8.27	<b>9.15</b>
ARC 400 Senior Project Preparation	941	8.88	<b>8.88</b>
<b>UNDERGRADAUTE COURSES AVERAGE</b>			<b>9.02</b>
<b>SENIRO STUDENTS EVALUATION</b>	<b>902, 911, 912</b>	<b>10.00, 9.42, 9.00</b>	<b>9.47</b>

<b>Graduate Courses</b>			
CRP 563 Cultural & Physical Aspects of Cities	881, 901, 951	9.37, 9.75, 9.61	<b>9.58</b>
CRP 522 Urban & Rural Sociology	882, 892, 902, 922, 942, 961, 972	9.30, 8.59, 9.99, 9.99, 9.83, 9.45, 9.63	<b>9.54</b>
CRP 540 Final Planning Project (old #) CRP 601 Final Planning Project	882, 892, 002, 052	8.52, 9.44, 10.00, 10.00	<b>9.49</b>
CRP 530 Comprehensive Planning Project	881, 981, 932	8.54, 9.18, 9.99	<b>9.24</b>
CRP 599 Graduate Seminar	922, 032, 051	9.99, 8.89, 9.29	<b>9.39</b>
CRP 502 Planning Theory (old #)	971, 981, 982	9.79, 9.31, 9.67	<b>9.59</b>
CRP 504 Urban Economics	001, 011, 012, 021, 022, 042, 052	9.94, 9.44, 9.06, 9.29, 9.09, 9.65, 7.99	<b>9.21</b>
CRP 538 Environmental Planning & Management	032, 051	10.00, 8.09	<b>9.05</b>
CRP 502 Planning Legislations	051, 052	9.70, 8.57	<b>9.14</b>
<b>GRADUATE COURSES AVERAGE</b>			<b>9.36</b>
<b>AVERAGE STUDENTS EVALUATION</b>			<b>9.28</b>

### **2.3 STUDENTS ADVISING**

During my service at KFUPM as the Chairman of City & Regional Planning (1991-1996) and Acting Chairman of Architecture Department (1994) and now as a faculty member, I have advised many students. I have been concerned about students' performance and developed ways and means to motivate students to excel in their studies.

### **2.4 MASTER OF CITY PLANNING (MCP) FINAL PLANNING PROJECTS SUPERVISION AND THESIS MEMBERSHIP**

- "Urban Planning Guidelines for Jubail Industrial City," by Ehab Al-Amri, Department of City and Regional Planning, KFUPM, 1990 – **SUPERVISOR.**

- "Transitional urban Environment: With the Emphasis on Residential Relocation," by Said A. Alkhars, Department of City and Regional Planning, KFUPM, 1990 – **SUPERVISOR.**
- "Planning Regulation for The Traditional Arab-Islamic Built Environment in Bahrain," by Fa'eq Juma Mandeel, Department of Town and Country Planning, University of Newcastle Upon Tyne, United Kingdom, 1992, **LOCAL THESIS ADVISOR.**
- "Managing Growth and Development in the Riyadh Metropolitan Region - An Assessment Study," by Shaibu Bala Garba, Department of City and Regional Planning, KFUPM, 1997- **SUPERVISOR**
- "Measurement of Regional Development Variation in Saudi Arabia Using Shift-Share Analysis 1986-1991," by Nizar Al-Janoubi, Department of Urban and Regional Planning, King Faisal University, 1998 – **THESIS MEMEBR**
- "Tourism Planning: A GIS – Based Approach for Allocating Recreation Activities, The Case Study of Al-Uqayr," by Adnan Al-Jaber, Department of City and Regional Planning, KFUPM, 2000, **SUPERVISOR.**
- "Sustainable Indicators in Master Plans: Towards Sustainable Cities in Saudi Arabia," by Naeem M. Al-Husain, Department of City and Regional Planning, KFUPM, 2000, **SUPERVISOR.**
- "Urban Spatial Systems: A Multidiscipline Modeling Perspective," by Danjuma Ibrahim Nkwenti, Department of City and Regional Planning, KFUPM, 2001, **SUPERVISOR.**
- "Determinants of Affordable Housing in Saudi Arabia," by Syed Munawer, Department of City and Regional Planning, KFUPM, 2000, **MEMBER.**
- "GIS-based Urban Sustainability Assessment: The Case of Dammam City," by Yusuf Aina, Department of City and Regional Planning, KFUPM, 2004, **SUPERVISOR.**
- " A GIS & Syntactic- based Model for Evaluation of Sustainable Neighborhood Design," by Mohammad Obaidullah, Department of City and Regional Planning, KFUPM, 2005, **SUPERVISOR.**
- "Determining Affordable Housing Stocks in Administrative Areas in Saudi Arabia," by Sayed Imran, Department of City and Regional Planning, KFUPM, 2006, **SUPERVISOR.**

## **2.5 PH. D. SUPERVISION**

"Assessment of Spatial Impacts of Urban Growth: The Case of Riyadh City, Saudi Arabia", by Yusuf Ania, Department of Geography and Environmental Studies , University of Stellenbosch, South Africa, started 2006, **DISSERTATION CO-SUPERVISOR.**

## **2.6 CONTRIBUTION TO CURRICULUM, COURSES AND LAB DEVELOPMENTS**

As the Chairman of City and Regional Planning Department for five years, a member of the University Graduate Council and Acting Chairman of Architecture Department, I was involved heavily in the development of the academic CRP graduate and undergraduate programs and ARC undergraduate program. As a faculty member, I have continued the task of the curriculum development committee chair and/or member for many years.



During these years, I have:

- Developed the course materials for courses offered first time in the CRP Department where no appropriate textbooks available.
- Developed the course files for the undergraduate courses (ARC 433 and ARC 452) in the Department of Architecture.
- Contributed to the revised program of the CRP graduate program by revising a number of courses such as:
  - CRP 504 Urban Economics
  - CRP 522 Urban and Rural Sociology
- Developed the following new graduate courses
  - CRP 538 Environmental Planning and Management
  - CRP 502 Planning Legislation
- Initiated the idea to establish a graduate program in Environmental Planning and Management.
- As a CRP Chairman, I arranged to evaluate the program by an expert planning educator from a planning school in the UK
- My participation in the developed of the newly proposed City Planning undergraduate program includes serving in the curriculum development committee, proposing the course descriptions of some courses and proposing new courses especially in my specialty area of sustainable development and environmental planning and management such as:
  - CP 202 Urban Economics
  - CP 206 Planning Laws and Legislation
  - CP 302 Introduction to Environmental Planning
  - CP 403 Sustainable development
- As an acting chair of the Department of Architecture, I have initiated the process of revising the undergraduate courses in the department.

Concerning lab development, I took the initiative to introduce computer application in city planning at KFUPM as early as second semester 1987-88 through my course Quantitative Methods in Planning and Design (CP 454). Latter as a Chairman of Department, I have put the development of Computer-Aided Planning Lab at the top of the department agenda. The specialized GIS unit is now operational with updated software to assist in teaching planning courses and research works.

## **2.7 SHORT COURSES**

I have coordinated and/or taught a number of short courses:

- Master Comprehensive Planning, November 12-16, 1988, KFUPM (Coordinator & Instructor)
- Metropolitan Public Works Management, January 6-10, 1990, KFUPM (Coordinator & Instructor)
- Developing Master Plans for Small Towns and Villages, December 18-22, 1991, KFUPM (Instructor)
- Planning Techniques Workshop, December 26-30, 1992, KFUPM (Instructor)
- Environmental and Health Impact Assessment for Development Projects, April 13-16, 2002, Kuwait (Invited Instructor).

### **3 RESEARCH**

#### **3.1 PAPERS IN REFERRED JOURNALS**

- [J1] **Alshuwaikhat, H.**, "A Dynamic Model of Urban Spatial Structure: Factors Influencing the Structure of the Arabian Gulf Cities," *Journal of the Gulf and Arabian Peninsula Studies*, Vol. 17, No. 65, April 1992, pp.69-89.
- [J2] **Alshuwaikhat, H.** and S. Alkhars, "Residential Relocation in a Transitional Urban Environment," *Habitat International*, Vol. 17, No.3 (1993), pp.137-147.
- [J3] **Alshuwaikhat, H.** and K. Nassef, "Appropriateness of Traditional Neighborhood Concept for Planning Contemporary Neighborhood Units," *GeoJournal*, Vol. 31, No.4 (December 1993), pp. 393-400.
- [J4] **Alshuwaikhat, H.** and K. Nassef, "A GIS-Based Spatial Decision support system for Suitability Assessment and Land Use Allocation," *AJSE*, Vol. 21, No. 4A (October 1996), pp. 525-543.

<p style="text-align: center;"><b>Journal Papers Published After Last Promotion</b></p>
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- [J5] Shukri, I., **Alshuwaikhat, H.**, and S. Garba, "City Size Distribution in the Saudi Arabian System," *International Planning studies*, Vol. 1, No.2, 1996, pp. 185-198.
- [J6] **Alshuwaikhat, H.** and M. Aleem, "Socioeconomic Impacts of Urban Life on south Asian Rural Expatriates Working in Saudi Arabia," *Asian Studies XIV* (2), 1996, pp. 1-19.
- [J7] **Alshuwaikhat, H.** and S. Garba, "Urbanism and Crime: A Cross-National/Cross Cultural Study" *Cross-Cultural Research* Vol.31 (3), 1997, pp. 226-248.
- [J8] **Alshuwaikhat, H.** "Planning the 21st Century Urban Neighborhood: Learning From Previous Neighborhood Concepts" *Architecture and Planning Journal*, King Saud University, Vol II, 1999, pp. 13-29.
- [J9] **Alshuwaikhat, H.** and Danjuma Nkwenti " Developing Sustainable Cities in Arid Regions" *Cities: The International Journal of Urban Policy and Planning*, Volume 19, No. 2, pp 85-94, 2002.
- [J10] **Alshuwaikhat, H.** and Danjuma Nkwenti " Visualization Decision making: Perspectives on Collaborative and Participative Approach to Sustainable Urban Planning and Management" *Environment and Planning B - Planning and Design*, Vol. 29, pp 513-531, 2002.

- [J11] **Alshuwaikhat, H.** and Danjuma Nkwenti " Collaborative Planning and Management Frameworks: Approaches to Effective Urban Governance by Adoption of Emerging Technologies" *International Journal of Management*, Vol. 20, No.3, pp 294-305, September 2003.
- [J12] **Alshuwaikhat, H.** and Y. Aina "Sustainable Cities: Implementation of Strategic Environmental Assessment in Saudi Arabian Municipalities," *Journal of Environmental Planning and Management*, Vol. 47, No. 2, pp 303-311, March 2004.
- [J13] Nkwenti Danjuma and **Alshuwaikhat, H.** "GIS, Sustainability and Emerging Theories: Towards Pragmatism and Collaboration in Redressing Urban Challenges," *European Spatial Research and Policy*, Vol. 11, No. 2, pp.57-69, 2004.
- [J14] **Alshuwaikhat, H.** "Strategic environmental assessment can help solve environmental impact assessment the failures in developing countries ," *Environmental Impact Assessment Review*, Vol. 25, pp. 307-317, 2005
- [J15] **Alshuwaikhat, H.** and Y. Aina "Sustainable Planning: The need for strategic environmental assessment-based municipal planning in Saudi Arabia," *Journal of Environmental Assessment Policy and Management (JEAPM)*, Vol. 17, No.3, pp.387-405, 2005.
- [J16] **Alshuwaikhat, H.** and Y. Aina "GIS-based urban sustainability assessment: The case of Dammam City, Saudi Arabia" Accepted *Local Environment: The International Journal of Justice and Sustainability* , Vol. 11, No. 2, pp. 141-161, April 2006.
- [J17] **Alshuwaikhat, H.,** Y. Aina and S. Rahman "Integration of Urban Growth Management and Strategic Environmental Assessment to ensure Sustainable Urban Development" *International Journal of Sustainable Development and Planning*, Vol. 1, No. 2, pp. 1-11, 2006.
- [J18] Salama, A. and **Alshuwaikhat, H.** "A Trans-disciplinary Approach for a Comprehensive Understanding of Sustainable Affordable Housing," *Global Built Environment Review (GBER)*, Vol. 6, Issue 1, 2006.
- [J19] **Alshuwaikhat, H.** "Developing Spatial Planning Guidance for Achieving Sustainable Urban Development," Accepted and to appear in *Global Built Environment Review (GBER)*, Vol. 6, Issue 2, 2006.

**Journal Papers Under Review – Revised Versions Submitted**

- [J20] **Alshuwaikhat, H.,** Y. Aina and S. Rahman " The rationale for SEA to overcome inadequacy of environmental assessment in Bangladesh," Revised Version Submitted to *Journal of Environment and Development*, August 2006.

- [J21] **Alshuwaikhat, H.** and I. Abubaker " Towards a Sustainable Urban Environmental Management Approach (SUEMA): Incorporating Environmental Management with Strategic Environmental Assessment " Revised Version Submitted to *Journal of Environmental Planning and Management*, September 2006

<b>Journal Papers Submitted</b>
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- [J22] **Alshuwaikhat, H.** and I. Abubaker "Problems of Urban Development Plan Implementation in Developing Countries," submitted June 2006.
- [J23] **Alshuwaikhat, H.** and H. Lawal "Factors Influencing the Location of Science Parks: An Urban Perspective," submitted August 2006.
- [J24] **Alshuwaikhat, H.** "Planning Legislation and Sustainability," submitted August 2006.

### **3.2 PAPERS PUBLISHED AND/OR PRESENTED IN REFREED CONFERENCES**

- [C1] **Alshuwaikhat, H.** "The Practice of Urban Planning Departments of Public and Private Offices in Saudi Arabia. " Presented at the Symposium & Exhibition of Environmental Design, King Abdul-Aziz University, Jeddah, February 24, 1992.
- [C2] **Alshuwaikhat, H.** and S. Alkhars "Residential Relocation in a Transitional Urban Environment." Presented by Alshuwaikhat, H. at The 5<sup>th</sup> International Conference on Housing, Montreal, Canada, July 8, 1992.
- [C3] **Alshuwaikhat, H.** "Approaches to Urban Geography: An alternative Approach." The Fourth Geographical Symposium, Umm Al-Qura University, Makkah, December 24-26, 1992.
- [C4] Shukri, I. and **H. Alshuwaikhat**, "Academic Urban Planning Programs and their Roles in Development Plans," Symposium on Urban Planning and its Role in Development Plans, October 25-28, 1993, Cairo, Egypt.
- [C5] **Alshuwaikhat, H.** and K. Nassef "Appropriateness of Traditional Neighborhood Concept for Planning Contemporary Neighborhood Units – the Case of Developing Countries." Presented by Alshuwaikhat, H. at the New Frontiers in Housing and Planning -Habitat 94, International Federation for Housing and Planning, Edmonton, Canada, September 19, 1994.
- [C6] **Alshuwaikhat, H.**, A. Al-Nasser, and F. Al-Said, "A Scientific Approach to Identify The Characteristics of The Gulf Architectural Heritage," Symposium on Preserving the Heritage of Gulf Architecture, Doha, Qatar, October 1-3, 1994, pp. 171-179.

- [C7] **Alshuwaikhat, H.** "The Role of Urban Planners in Healthy Cities Projects," Conference on Healthy Cities in Cities of the Arab Gulf States, Dubai , United Arab Emirates, November 26-28, 1994.

**Conference Papers Published and/or Presented After Last Promotion**

- [C8] **Alshuwaikhat, H.** "The Concept of Healthy City Projects in Environmental Planning," Symposium on Environmental Rehabilitation, Kuwait, 8-10 April, 1996.
- [C9] **Alshuwaikhat, H.** "Environmental Impact Assessment and Land Use Planning: Introducing Strategic Environmental Assessment in Developing Countries," 19<sup>th</sup> Annual Meeting of IAIA'99 Conference Glasgow, 15-19 June, 1999, Presented June 17, in Session 4.9: SEA; Case Studies in Policy, Plans and Programs- Structural Fund and Regional and Local Planning, K3.4.
- [C10] **Alshuwaikhat, H.** and Z. Qureshi "Economically Benign Environmental Sensitivity: Development of a Framework," Proceedings of the of the 20<sup>th</sup> Annual Conference of the International Association of Impact Assessment IAIA'00: *Back to the Future: Where will Impact Assessment Be in 10 Years*, Hong Kong, 19-23 June 2000 (CD publication in Session 1.8, 11 pages).
- [C11] **Alshuwaikhat, H.** "Urban Planning Academic Programs and Their Role in Implementing Development Plans," Proceeding of the Symposium on the Development of Engineering and Environmental Design Education, King Abdulaziz University, Jeddah, 12-14 February, 2001, pp. 433-444.
- [C12] **Alshuwaikhat, H.** "The Practice of City & Regional Planning Profession in Urban Planning Departments of Amanat, Agencies and Consulting and Engineering Offices," Proceeding of the Gulf Engineers and the Future, Fifth Gulf Engineering Meeting, Muscat, Oman, 18-20 February, 2001, pp. 40-51.
- [C13] **Alshuwaikhat, H.** and N. Al-Hussain "Sustainable Indicators in Master Plans: Towards Sustainable Cities in Saudi Arabia – The Case of Jubail Industrial City" Proceedings of the First Meeting on Performance in Municipalities, Amant Al-Riyadh, MOMRA, October 2001, pp.1-37.
- [C14] **Alshuwaikhat, H.** "The Role of Urban Planners in Planning Healthy Cities: The Road to Sustainable Development,' **Invited Speaker**, Proceeding of The Workshop on Environmental Health Impact Assessment, Ministry of Health, Occupational Health Department, State of Kuwait, April 13-16, 2002.
- [C15] **Alshuwaikhat, H.** " Sustainable Cities in Arid Regions: A Planning Approach," Presented at The Desert Knowledge Symposium: Sustainable Architecture and Planning Theme, Alice Springs, Australia, August 27-30, 2002.

[C16] **Alshuwaikhat, H.** and Y. Aina "Spatial Planning Guidance for Achieving Sustainable Urban Development," Presented at IAIA'04 Conference: Impact Assessment for Industrial Development, Vancouver, Canada, April 26-29, 2004, 8 pages.

[C17] **Alshuwaikhat, H.** " Strategic Environmental Assessment in Developing Countries: A Tool to Achieve Sustainable Development," Presented at The Thematic Conference of IAIA: International Experiences in SEA, Prague, Czech Republic Session A2: Legal and Policy Frameworks for SEA in Asia, September 26-30, 2005.

[C18] **Alshuwaikhat, H.** " Urban Planning and Municipal Councils: Towards Sustainable Cities," **Key Note Speaker** – Proceedings of First Municipal Council Action: Towards Better Partnership, Bahrain, March 26-26, 2006.

### 3.3 FUNDED RESEARCH PROJECTS

	<b>Project Title</b>	<b>Funding Agency</b>	<b>Total Budget</b>	<b>Role</b>	<b>Status</b>
1.	The Development Impact Assessment of Al-Buhairat City, Jeddah	Al-Afandi Est. for Trade	SR47,256	Manager & Principal Investigator	Completed January 1997
2.	Conceptual Estimates of Environmental Impacts of Existing and New Arabia-Bahrain Pipelines Routing	Saudi Aramco RI# : CEW2242	SR 850.000	Task Leader Socio-economic Impact Assessment Group	Completed January 2002
3.	National Comprehensive Training Plan for Saudi Arabia	Manpower Council	-	Member	Completed 2001
4.	Design Competition and Construction of Sabic/Hadeed Monument Saudi-Bahrain Causeway	SABIC-HADEED	SR 4,369,150	Competition Manager and KFUPM Construction Supervision Team Leader	Completed March 2003
5.	Strategic Environmental Assessment: Towards Planning Sustainable Cities in SA	KFUPM RI# : ARI-019	SR70,410	Manager & Principal Investigator	Completed January 2004
6.	The Comprehensive Development Plan for The Golden Belt Village	Golden Belt Village. RI# : CEMS2215	SR142,505	Manager & Principal Investigator	Completed February 2004
7.	KFUPM Strategic Plan	KFUPM	-	Team Member	Completed June 2005
8.	Design and Develop a Preference Assessment Test for Tourism Occupations	The Supreme Council for Tourism	SR46,000	Co-Investigator	Completed August 2005

*Dossier of Dr. Habib M. Alshuwaikhat*

9.	The National Plan for the Localization of the Recreation and Attraction Sector in Saudi Arabia	The Supreme Council for Tourism	SR277,300	Co- Investigator	Completed March 2006
10	Determining Affordable Housing Stocks in Administrative Areas in Saudi Arabia	Al-Saedan Chair on Affordable Housing	SR 20,000	Co- Investigator	Completed June 2006
11	Social and Planning Study for Youth Problems and Needs in Yanbu Industrial City	The Royal Commission for Jubail and Yanbu RI# : DCRP2266	SR296,340	Manager & Principal Investigator	Started February 2006 -In Progress

**3.4 REPORTS (Samples of Some Reports are forwarded as part of this Dossier)**

[R1] **Alshuwaikhat, H.** and M. Al-Otaibi "100 Saudi Cities compared" A statistical analysis of data prepared on 100 Saudi cities, January 1992.

[R2] **Alshuwaikhat, H.** and S. Al-Mubaiyedh "The Demographic Structure of the Population of the Kingdom of Saudi Arabia in the Next Two Decades," A Research Proposal submitted to The Research Institute, KFUPM, January, 1993.

[R3] **Alshuwaikhat, H.** "Compliance of Saudi Aramco Environmental Conservation Policy, Programs, Standards and Procedures with The Draft Document of the General Regulations for the Environment in The Kingdom" Submitted to Environmental Affairs Division, Saudi Aramco, September, 1997.

[R4] **Alshuwaikhat, H.** "Analysis of Potential Impact of the Proposed EIA for the Kingdom on Saudi Aramco Project Environmental Assessment" Submitted to Environmental Affairs Division, Saudi Aramco, September 1997.

[R5] **Alshuwaikhat, H.** and Syed Abdul Haleem "The Development Impact Assessment of Al-Buhairat City," Jeddah, submitted to Al-Afandi Establishment for Trade, January 1997.

[R6] Amir, A., **H. Alshuwaikhat (Team Member & Sustainability Task Leader)** and Nekwenti, D. (Editors), "Jabal Omar Design Competition," A Project Report, submitted to Makkah Construction and Development Company, September 2000.

[R7] KFUPM-RI Project (**Alshuwaikhat** is a Team Member) National Comprehensive Training Plan for Saudi Arabia, submitted to Manpower Council, 2001.

[R8] KFUPM- Research Institute (RI) Project (**Alshuwaikhat** is a Task Leader) Conceptual Estimates of Environmental Impacts of Existing and New Arabia-Bahrain Pipelines Routing, submitted to Saudi Aramco, January 2002."

[R9] **H. Alshuwaikhat.** "Instructor Evaluation of Students' Behavior and Motivation," A Report on Summer Assignment, submitted to Academic Committee KFUPM, August 2003.

[R10] **Alshuwaikhat, H. (Project Manager and Principal Investigator)** and Y. Aina Strategic Environmental Assessment: Towards Planning Sustainable Cities in SA, Final Report ARI019, submitted to KFUPM -RI, January 2004.

[R11] KFUPM-RI Project (**Alshuwaikhat is Project Manager and Principal Investigator**) The Comprehensive Development Plan for The Golden Belt Village, RI# CEMS2215, submitted to Golden Belt Village, February 2004.

[R12] Al-Mubaiyedh S and **H. Alshuwaikhat.** "KFUPM GIS-based Base Map I," A Report on Summer Assignment, submitted to KFUPM, July 2004.

[R13] KFUPM Project (**Alshuwaikhat is Team Member**) KFUPM Strategic Plan, submitted to KFUPM, June 2005.

[R14] Aldosary, A., A. Salama, B. Hamdan, **H. Alshuwaikhat**, M. Al-Mutlaq, and O. Baziad "Construction of New Housing for Families, Bachelor Staff and Laborers ," Ad hoc Committee Report submitted to The Campus Planning and Development Committee, KFUPM, July, 2005.

[R15] Aldosary, A., **H. Alshuwaikhat**, B. Al-Ramadan, and A. Al-Naser. "KFUPM GIS-based Base Map II," A Report on Summer Assignment, submitted to KFUPM, August 2005.

[R16] Aldosary, A. and **Alshuwaikhat, H.** Design and Develop a Preference Assessment Test for Tourism, submitted to The Supreme Council for Tourism, August 2005.

[R17] Aldosary, A. and **Alshuwaikhat, H.** The National Plan for the localization of the Recreation and Attraction Sector in Saudi Arabia, submitted to The Supreme Council for Tourism, March 2006.

[R18] Al-dosary, A., **Alshuwaikhat, H.**, S. Imran and M. Raziudeen "Determining Affordable Housing Stocks in Administrative Areas in Saudi Arabia," submitted to Al-Saedan Chair on Affordable Housing. June 2006.

[R19] **H. Alshuwaikhat** "Feasibility of Developing a GIS-based Environmental Management System for KFUPM: Towards Sustainable Campus," A Report on Summer Assignment, submitted to Technical Affairs, KFUPM, July 2006.



### **3.5 LIST OF PUBLICATIONS CONSIDERED AS MY MAIN CONTRIBUTION**

Since the year 2000, I have established a new research area in CRP Department related to sustainable urban development and planning, and strategic environmental assessment. Although my research papers contribute to the field of sustainability and strategic environmental assessment, I have chosen to develop a research agenda that introduces such evolving research area in the context of developing countries in general and with more emphasis on Saudi Arabia.

The following is a list of seven papers considered as my main contributions. I am the sole or the principal author of these papers. The original idea and methodology for each one of these papers is mine and my contribution is more than 80% of each the co-authored paper with my graduate students. This research agenda is expected to contribute to sustainability and to develop sustainable cities:

- [J9] **Alshuwaikhat, H.** and Danjuma Nkwenti " Developing Sustainable Cities in Arid Regions" *Cities: The International Journal of Urban Policy and Planning*, Volume 19, No. 2, pp 85-94, 2002.
  
- [J10] **Alshuwaikhat, H.** and Danjuma Nkwenti " Visualization Decision making: Perspectives on Collaborative and Participative Approach to Sustainable Urban Planning and Management" *Environment and Planning B - Planning and Design*, Vol. 29, pp 513-531, 2002.
  
- [J12] **Alshuwaikhat, H.** and Y. Aina "Sustainable Cities: Implementation of Strategic Environmental Assessment in Saudi Arabian Municipalities," *Journal of Environmental Planning and Management*, Vol. 47, No. 2, pp 303-311, March 2004.
  
- [J14] **Alshuwaikhat, H.** "Strategic environmental assessment can help solve environmental impact assessment the failures in developing countries ," *Environmental Impact Assessment Review*, Vol. 25, pp. 307-317, 2005
  
- [J15] **Alshuwaikhat, H.** and Y. Aina "Sustainable Planning: The need for strategic environmental assessment-based municipal planning in Saudi Arabia," *Journal of Environmental Assessment Policy and Management (JEAPM)*, Vol. 17, No.3, pp.387-405, 2005.
  
- [J16] **Alshuwaikhat, H.** and Y. Aina "GIS-based urban sustainability assessment: The case of Dammam City, Saudi Arabia" Accepted *Local Environment: The International Journal of Justice and Sustainability* , Vol. 11, No. 2, pp. 141-161, April 2006.
  
- [J17] **Alshuwaikhat, H.,** Y. Aina and S. Rahman "Integration of Urban Growth Management and Strategic Environmental Assessment to ensure Sustainable Urban Development" *International Journal of Sustainable Development and Planning*, Vol. 1, No. 2, pp. 1-11, 2006.

### 3.6 CITATIONS

Although my recent research papers have focused on sustainable urban development and strategic environmental assessment in Saudi Arabia, many have cited my recent work from different parts of the World in international journals, thesis work and projects. It is expected that more citations will appear as the bulk of my work in this area has only been published after 2002. It is expected that such work on sustainability and strategic assessment in Saudi Arabia will be cited as more researches are published in international journals on this new research topic in the future.

In addition, I have also received many letters and emails from international researchers, practitioners and students requesting copies of my research work.

The following is a list of 23 non-self citations I was able to locate at the time of preparing this dossier.

Paper	No.	Cited by
[J14] Alshuwaikhat, H. "Strategic environmental assessment can help solve environmental impact assessment the failures in developing countries ," <i>Environmental Impact Assessment Review</i> , Vol. 25, pp. 307-317, 2005	1	Gonzalo Gamboa Social multi-criteria evaluation of different development scenarios of the Aysén region, Chile • <b>Ecological Economics</b> 59 (2006), pp 157-170 pages 158, 166 (2 times) and 167
	2	<b>Virtual Journal of Environmental Sustainability</b> Volume 3, Issue 5-6, May - June 2005 <a href="http://www.environmental-expert.com/magazine/elsevier/sustainability/index.htm">http://www.environmental-expert.com/magazine/elsevier/sustainability/index.htm</a> The Virtual Journal of Environmental Sustainability is available exclusively on the Web. It is a virtual journal in that it lists articles with an environmental sustainability component recently published in a wide range of Elsevier journals. The articles are personally selected by the Editors, on the basis of their potential to highlight interesting and important developments in the area of environmental sustainability.
	3	Cited twice in the following two sections: What is strategic EIA and in EIA and development of the course on <b>Integrated Water Resources Management Techniques: Environmental Impact Assessment</b> - Discussion seminar by Rachael McDonnell <a href="http://www.geog.ox.ac.uk/~mnew/t">http://www.geog.ox.ac.uk/~mnew/t</a>

		<a href="#">eaching/Postgraduate/Water_MSc/Methods_Techniques/IRWM_EIA_Public_Participation/EIAstudentHO.doc</a>
	4	<b>The ScienceDirect TOP25 Hottest Articles</b> <a href="http://top25.sciencedirect.com/index.php?cat_id=5&amp;subject_area_id=11&amp;journal_id=01959255">http://top25.sciencedirect.com/index.php?cat_id=5&amp;subject_area_id=11&amp;journal_id=01959255</a>
	5	Eric Wall , <b>Enviroenmntal Imapcts of the Rio Esti Hydroelectric Project</b> , Panama, Committee of Tropical Ecology, Uppsala University, Sweden (59 pages), November 2005. p. 9 <a href="http://www.env-impact.geo.uu.se/115Wall.pdf">http://www.env-impact.geo.uu.se/115Wall.pdf</a> .
	6	Sara Tyskeng. Environmental Assessment of Projects and Local Plans in the Waste and Energy Sectors in Sweden – Practice and Potential for Improvements, <b>Linköping Studies in Science and Technology Dissertation No. 1000</b> , Depatrmnet of Mechanical Engineering, Linkopings Universitet, Sweden, 2006 p. 23 <a href="http://www.diva-portal.org/diva/getDocument?urn_nbn_se_liu_diva-5700-1_fulltext.pdf">http://www.diva-portal.org/diva/getDocument?urn_nbn_se_liu_diva-5700-1_fulltext.pdf</a>
	7	Da Zhu and Jiang Rub Strategic Environmental Assessment in China: Motivations, Politics and Effectiveness (forthcoming) <b>Journal of Environmental Management</b> in p.2 & 25
[J10] Alshuwaikhat, H. and Danjuma Nkwenti " Visualization Decision making: Perspectives on Collaborative and Participative Approach to Sustainable Urban Planning and Management" <b>Environment and Planning B - Planning and Design</b> , Vol. 29, pp 513-531, 2002.	8	Igor S Mayerô, Ellen M van Bueren, Pieter W G Bots, Haiko van der Voort Robin Seijdel. Collaborative decisionmaking for sustainable urban renewal projects: a simulation gaming approach <b>Environment and Planning B: Planning and Design</b> 2005, volume 32, pages 403 - 423 pages. 406, 407
	9	Nabil Abu-Dayyeh and Firas

		Ziadat. GIS for understanding physical and social change in urban settings: a case from Amman, Jordan <b>Environment and Planning B: Planning and Design</b> 2005, volume 32, pages 127 -140 pages: 127
	10	Michael Howletta,* , Jeremy Raynerb (Not so) “Smart regulation”? Canadian shellfish aquaculture and the evolution of instrument choice for industrial development, <b>policy Marine Policy</b> 28 (2004) 171–184 P.182
	11	Chris Tweed, Margaret Sutherland, Jacques Teller, Sustainable development of Urban historical areas through active Integration within Towns (SUIT) – Visualization Tools To Aid Public Understanding of New Developments in Urban Historical Areas, April 2003 This deliverable was produced under <b>the SUIT project in the EU Program Energy, Environment and Sustainable Development</b> , Key Action 4 : The City of Tomorrow and Cultural Heritage,, Theme 4.2.3. : Foster Integration of Cultural Heritage in the Urban Setting. P.20
	12	Public Participation Bibliography Project , <a href="http://www.dietzkalof.org/publicparticbiblio/publicparticbiblio.htm">Ecological and Cultural Change Studies Group - Michigan State University East Lansing, MI</a> <a href="http://www.dietzkalof.org/publicparticbiblio/publicparticbiblio.htm">http://www.dietzkalof.org/publicparticbiblio/publicparticbiblio.htm</a>
[J11] Alshuwaikhat, H. and Danjuma Nkwenti " Collaborative Planning and Management Frameworks: Approaches to Effective Urban Governance by Adoption of Emerging Technologies" <i>International Journal of Management</i> , Vol. 20, No.3, pp 294-305, September 2003.	13	Ashwani Vasishth, March 2006 [IntSci Resources]: <b>Participatory research and decision making</b> , <b>Department of Urban Studies and Planning</b> , California State University, Northridge <a href="http://www.mailarchive.com/intsci@learningforsustainability.net/msg00123.html">http://www.mailarchive.com/intsci@learningforsustainability.net/msg00123.html</a>
[J2] Alshuwaikhat, H. and S. Alkhars, "Residential Relocation in a Transitional Urban Environment," <i>Habitat International</i> , Vol. 17,	14	Haryo Winarso, May 1998, <b>Guide to Good Practice in Core Area Development - Research Project</b>

<p>No.3 (1993), pp.137-147.</p>	<p><b>R 6860 WORKING PAPER</b> University of Westminster London. P.4 <a href="http://www.wmin.ac.uk/builtenv/malock/Core_Areas/MainReport/Annex1.pdf">http://www.wmin.ac.uk/builtenv/malock/Core_Areas/MainReport/Annex1.pdf</a></p>
	<p>15 JUNG HOON HAN AND SCOTT BAUM, RESIDENTIAL MOBILITY IN THE SEOUL METROPOLITAN REGION: WHO, WHERE AND WHY? <b>The INTERNATIONAL SCOPE Review</b>, Volume 4 (2002), Issue 8 (Winter), p.2 <a href="http://www.socialcapital-foundation.org/journal/volume%202002/issue%208/pdf/TISR_HAN_BAUM_2003.pdf#search='alshuwaikhat">http://www.socialcapital-foundation.org/journal/volume%202002/issue%208/pdf/TISR_HAN_BAUM_2003.pdf#search='alshuwaikhat</a></p>
<p>[J9] Alshuwaikhat, H. and Danjuma Nkwenti " Developing Sustainable Cities in Arid Regions" <i>Cities: The International Journal of Urban Policy and Planning</i>, Volume 19, No. 2, pp 85-94, 2002.</p>	<p>16 <b>Graduate Institute of Development Studies</b> – List of Selected Articles in Development Studies, Liste des articles sélectionnés bibliothèque de l’institut universitaire d’études du développement, Genève de juillet - août 2002 (24 pages). p.3 <a href="http://www.iued.unige.ch/information/bibliotheque/fichiers_pdf/bulletin_articles_02_07-08.pdf">http://www.iued.unige.ch/information/bibliotheque/fichiers_pdf/bulletin_articles_02_07-08.pdf</a></p> <p>17 James A. Miller, Urban and Ecological Sustainability in Desert Environments <b>GPH 494 / 598 - Spring 2006 Course Readings – Urban Planning</b> <a href="http://www.public.asu.edu/~jamille5/gph494/readings.html">http://www.public.asu.edu/~jamille5/gph494/readings.html</a></p>
<p>[J3] Alshuwaikhat, H. and K. Nassef, II Appropriateness of Traditional Neighborhood Concept for Planning Contemporary Neighborhood Units," <i>GeoJournal</i>, Vol. 31, No.4 (December 1993), pp. 393-400.</p>	<p>18 Lucy Rowland and Emily Talen Academic Research about New Urbanism – Update: 2005 CNU <b>Educators Task Force</b> <a href="http://www.cnu.org/cnu_reports/NUjnarticles2005.pdf">http://www.cnu.org/cnu_reports/NUjnarticles2005.pdf</a></p> <p>19 Al-Said Fahad, The Saudi Contemporary Neighbourhood: Al-Malaz, 39 <b>the ISoCaRP Congress 2003</b> The pattern of structural transformation of the Saudi Contemporary Neighborhood: The case of Al-Malaz,</p>

		Riyadh, Saudi Arabia p.1 <a href="http://www.isocarp.org/Data/case_studies/347.pdf#search='alshuwaikhat'">http://www.isocarp.org/Data/case_studies/347.pdf#search='alshuwaikhat'</a>
[J7] <b>Alshuwaikhat, H.</b> and S. Garba, "Urbanism and Crime: A Cross-National/Cross Cultural Study" <i>Cross-Cultural Research</i> Vol.31 (3), 1997, pp. 226-248.	20	National Archive of Criminal Justice data, Search Results for: <b>Uniform Crime Reporting Program Data [United States] Series 1968-2006.</b> No. 18. <a href="http://www.icpsr.umich.edu/cgi-bin/CITATIONS/search?path=NACJD&amp;method=series&amp;series=57&amp;serpubtype=Journal%20Article&amp;order=author">http://www.icpsr.umich.edu/cgi-bin/CITATIONS/search?path=NACJD&amp;method=series&amp;series=57&amp;serpubtype=Journal%20Article&amp;order=author</a>
	21	Booyesen, Frikkie le R The extent of, and possible explanations for, provincial disparities in progress on reconstruction and development in South Africa , <b>Development Southern Africa</b> Volume 20, Number 1 / March 2003, pp. 21 – 48.  in P. 37
[J13] Nkwenti Danjuma and <b>Alshuwaikhat, H.</b> "GIS, Sustainability and Emerging Theories: Towards Pragmatism and Collaboration in Redressing Urban Challenges," <i>European Spatial Research and Policy</i> , Vol. 11, No. 2, pp.57-69, 2004.	22	CURRENT GEOGRAPHICAL PUBLICATIONS , Vol. LXVIII -- March 2005 -- No. 3 <b>Geographic Information Systems Section</b> <a href="http://leardo.lib.uwm.edu/cgp/hold/mar/topsect1.html">http://leardo.lib.uwm.edu/cgp/hold/mar/topsect1.html</a>
[J4] <b>Alshuwaikhat, H.</b> and K. Nassef, "A GIS-Based Spatial Decision support system for Suitability Assessment and Land Use Allocation," <i>AJSE</i> , Vol. 21, No. 4A (October 1996), pp. 525-543.	23	Geography Department- University of Leeds, UK Geog5061M <b>GIS and Geocomputation Unit 4 Notes Expert Systems</b> p.3 <a href="http://www.geog.leeds.ac.uk/course/postgrad/geog5061/unit4/Geog5061Munit4.doc">http://www.geog.leeds.ac.uk/course/postgrad/geog5061/unit4/Geog5061Munit4.doc</a>

## 4 PROFESSIONAL ACTIVITIES

### 4.1 CONSULTATION

- Member, Expert Team on the Project "Model Village" General Directorate of Municipal and Rural Affairs, Dammam, Rabi' II, 1410H.
- Member of the Urban Planning Team in the meeting on "Saudi Arabia in the year 1440 H", invited by the United Nations, Regional Development Planning Project, Ministry of Municipal and Rural Affairs, Riyadh, February 28, 1990.

- Member of The International City Design Competition KFUPM Team, ICDC Project, The School of Architecture & Urban Planning, The University of Wisconsin-Milwaukee, USA, 1990.
- Member, Review Committee of the Program on Construction Project Technology, Technical College of Abha 1991- 95.
- Member, Jabal Omar International Design Competition KFUPM Team and Sustainability Task Leader, Makkah Construction and Development Company, 2000
- Member, Technical and Advisory Team, The Development of The Custodian of The Two Holly Mosques' Land for Hail People, The Higher Commission on Hail Development, 2003-2005.
- Member, Advisory Committee, Updating Master Plans for Cities and Villages in The Eastern Province, Amanat Al-Dammam, Ministry of Municipal and Rural Affairs, 2003 - present.

#### **4.2 AWARDS**

- Selection of our entry (Member of KFUPM Team) to the International City Design Competition in the traveling exhibit of the Competition Letter of ICDC Project Supervisor, The School of Architecture & Urban Planning, The University of Wisconsin-Milwaukee, USA, dated November 13, 1990.
- Nominated for CED/KFUPM Best Teacher Award for the Academic Years 1993-94 and 1995-96.
- Received the British Council Research Grant to Spend the Summer of 1996 at the Impact Assessment Unit, University of Oxford, United Kingdom.
- Received the British Council Research Grant to Spend the Summer of 1999 at Department of Environmental Planning, University of Strathclyde, Glasgow, United Kingdom.
- Received The Research Institute (KFUPM) Income Grants (ARI-019), 2003, to conduct a project on Towards Planning Sustainable Cities in SA.

#### **4.3 REVIEWED INTERNATIONAL AND LOCAL JOURNAL PAPERS AND CONFERENCES**

I have been a reviewer of many journal papers / research projects for many international and local journals as well as a reviewer for international, regional and local conferences. A partial listing of some of these journals and scientific organizations is given below:

- Journal of Ecological Economics
- Global Built Environment Review
- The Journal of Environmental Management
- Arab Administrative Development Organization
- KFUPM Research Committee
- Journal of King Abdulaziz University Engineering Sciences,
- Research Office and Journal of Architecture and Planning King Saud University
- Umm Al-Qura University
- King Abdulaziz City for Science and Technology (KACST)
- Arriyad Development Authority (ADA) , Housing Symposia I, II & III.

## **5 UNIVERSITY AND COMMUNITY SERVICES**

### **5.1 ADMINISTRATIVE POSITIONS AND APPOINTMENTS HELD**

- The CED Summer Coordinator (1990), College of Environmental Design.
- Director (September 1991 to December 1993) City & Regional Planning Program.
- Chairman (January 1994 -September 1996) Department of City & Regional Planning & Acting Chairman Department of Architecture (1994), College of Environmental Design.
- Coordinator, Al-Saedan Affordable Housing Chair, College of Environmental Design, September 2004- June 2005.

### **5.2 COMMITTEE WORK**

I have been an active member of many KFUPM, College and Department standing and ad hoc Committees and many subcommittees. I have served also on other committees formed on the national and local levels both in the academic and non-academic sectors.

<b>Academic year</b>	<b>Name of Committee</b>	<b>Status</b>
1987-1988 (882)	College Research Committee College Awards Committee	Member Member
1988-1989	University Research Committee University Conference Attendance Subcommittee University Research Award Subcommittee College Research Committee College Library Committee College Awards Committee Department Short Course Committee Department Textbooks Committee	Member Member Member Member Member Chairman Chairman Member
1989-1990	College Research Committee College Committee on Graduate Program on Public Works Department Short Course & Seminar Committee Department Textbooks Committee Department Curriculum Development Committee Department Admission Committee The Saudi Umran Association Representative at KFUPM	Chairman Member Member Member Chairman Chairman Representative
1990-1991	University Research Committee University Committee on Excellence in Research Awards College Research Committee College Computer Utilization Committee College Low Enrollment Committee College Committee to Study ARE name Department Curriculum Development Committee Department Admission Committee Department Short Course & Seminar Committee Department Promotion Committee The Saudi Umran Association Representative at KFUPM	Member Member Member Member Member Chairman Chairman Member Member Representative
1991-1992	University Graduate Council College Council College Faculty Application Review Committee	Member Member Member



*Dossier of Dr. Habib M. Alshuwaikhat*

	Department Curriculum Development Committee Department Admission Committee Department Promotion Committee The Saudi Umran Association Representative at KFUPM	Chairman Chairman Member Representative
1992-1993	University Graduate Council College Council College Faculty Application Review Committee Department Curriculum Development Committee Department Research Committee Department Advancement Committee The Saudi Umran Association Representative at KFUPM Abha Technical College Program Review Committee	Member Member Member Chairman Member Member Representative Member
1993-1994	University Graduate Council University Research Assistants Evaluation Committee College Council College Faculty Application Review Committee College Short Courses Committee Department Curriculum Development Committee The Saudi Umran Association Representative at KFUPM Abha Technical College Program Review Committee	Member Member Member Member Member Member Representative Member
1994-1995	University Graduate Council College Council College Faculty Application Review Committee College Community Services Evaluation Abha Technical College Program Review Committee	Member Member Member Chairman Member
1995-1996	University Graduate Council University Committee on KFUPM Architecture College Council College Faculty Application Review Committee College Committee on Design Courses	Member Member Member Member Chairman
1996-1997	University Research Committee University Conference Attendance Subcommittee College Organizing Committee on Saudi House Exhibition Saudi House Exhibition- Finance and Administration Subcommittee College Research Committee College Newsletter Committee College CED Programs Promotion Committee Department Research & Contact Committee Department Curriculum Development Committee	Member Member Chairman Chairman  Chairman Member Member Chairman Member
1997-1998	University Project on National Training Plan Training and Manpower College Library Committee Department Research & Contact Committee Department Curriculum Development Committee Department Admission Committee	Member  Member Chairman Member Member
1998-1999	University Committee on Standing Committee University Project on National Training Plan Training and Manpower & member of two subcommittees Promotion Committee (two) College CED Graduate Open Day College Students' Affairs Committee College Organizing Committee on Saudi House Exhibition Department Research & Studies Committee Department Admission and Promotion Committee Al-Tahtheeb Private School - The Control Council, Saihat	Member Member  Member Chairman Member Member Member Member Member
1999-2000	University Project on National Training Plan Training and Manpower & member of two subcommittees Al-Tahtheeb Private School - The Control Council, Saihat	Member Member
2000-2001	University Research Committee	Member

*Dossier of Dr. Habib M. Alshuwaikhat*

	<p>University Externally Funded Research Subcommittee  University Admission Committee  University Faculty Salaries Comparison Committee  College Advancement Committee  College Annual Design Projects Prize Committee  College Computer Utilization Committee  Department Textbooks Coordinator  Department Curriculum Development Committee  The National Organizing Committee, Symposium on Arid Zone Development &amp; Scientific Committee  KFUPM Planning &amp; Design Team, Jabel Omar Competition  Al-Tahtheeb Private School - The Control Council, Saihat</p>	<p>Member  Member  Member  Chairman  Chairman  Member  Coordinator  Member  KFUPM-Representative  Member  Member</p>
2001-2002	<p>University Graduate Council  University Research Committee  University Externally Funded Research Subcommittee  University Admission Committee  College Advancement Committee  Department Academic Chair Committee  Department Textbooks Coordinator  Department Admission and Promotion Committee  The National Organizing Committee, Symposium on Arid Zone Development &amp; Scientific Committee  The National Center for Assessment in Higher Education – Exam (RAM1) Committee – Qurayat  Al-Tahtheeb Private School – School Board &amp; Chairman  Planning Committee</p>	<p>Member  Member  Member  Member  Chairman  Member  Coordinator  Member  KFUPM-Representative  Chairman  Member</p>
2002-2003	<p>University Graduate Council  The Organizing Committee, First Symposium on the Development of Urban Planning Programs &amp; Practice  College Advancement Committee  Al-Saedan Chair on Affordable Housing  Department Textbooks Coordinator  Department Promotion Committee  The National Organizing Committee, Symposium on Arid Zone Development &amp; Scientific Committee  The National Center for Assessment in Higher Education - Exam (RAM1) Committee – Jouf  Al-Tahtheeb Private School – School Board &amp; Chairman  Planning Committee</p>	<p>Member  Member  Chairman  Coordinator  Coordinator  Member  KFUPM-Representative  Chairman  Member</p>
2003-2004	<p>University Master Plan Committee  University Restructuring of Security &amp; Safety Department  University Admission Committee (RAM II)  College SWOT Study Committee  Al-Saedan Chair on Affordable Housing  Department Textbooks Coordinator  The Organizing Committee, First Symposium on the Development of Urban Planning Programs &amp; Practice  The National Center for Assessment in Higher Education - Exam (RAM1) Committee – Jouf  Al-Tahtheeb Private School – School Board &amp; Chairman  Planning Committee  Saihat Social Services Society – Prince Mohammad City  Design Project</p>	<p>Member  Member  Member  Chairman  Coordinator  Coordinator  Member  Chairman  Member  Member</p>
2004-2005	<p>University Scientific Council  University Student Affairs Committee  University Admission Committee (RAM II)  KFUPM Housing Future Requirements  Al-Saedan Chair on Affordable Housing  Al-Saedan Affordable Housing Committee  College Committee on CED Advisory Committee</p>	<p>Member  Member  Member  Member  Coordinator  Member  Chairman</p>

