

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

### **1.1 PERSONAL DATA**

**Name** Habib Mahdi Alshuwaikhat, Ph.D.  
**Date of Birth** February 1, 1957  
**Nationality** Saudi Arabian  
**Marital Status** Married  
**Position** 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**

**Professor (May 2007)**  
Department of City & Regional Planning (KFUPM)

**Associate Professor (April 1996 to May 2007)**  
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 ARABIA	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	KAAU, 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(ISOCRP) 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

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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
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

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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 Conference	KFUPM Dhahran, Saudi Arabia	December 14-17, 2002	Session 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,	June 26 to July 9, 1994	Attended a Seminar

		Scotland, UNITED KINGDOM		
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
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 Graphics 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>SENIOR 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

- **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.
- **Alshuwaikhat, H.** and S. Alkhars, "Residential Relocation in a Transitional Urban Environment," *Habitat International*, Vol. 17, No.3 (1993), pp.137-147.
- **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.
- **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.
- 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.
- **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.
- **Alshuwaikhat, H.** and S. Garba, "Urbanism and Crime: A Cross-National/Cross Cultural Study" *Cross-Cultural Research* Vol.31 (3), 1997, pp. 226-248.
- **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.
- **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.
- **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.
- **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.

- **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.
- 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.
- **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
- **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.
- **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.
- **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.
- Salama, A. and **Alshuwaikhat, H.** "A Trans-disciplinary Approach for a Comprehensive Understanding of Sustainable Affordable Housing," *Global Built Environment Review (GBER)*, Vol. 5, No. 3, pp. 35-50, 2006.
- **Alshuwaikhat, H.** "Developing Spatial Planning Guidance for Achieving Sustainable Urban Development," Accepted and to appear in *Global Built Environment Review (GBER)*, Vol. 5, No. 3, pp. 51-66, 2006.
- **Alshuwaikhat, H.** and I. Abubaker " Towards a Sustainable Urban Environmental Management Approach (SUEMA): Incorporating Environmental Management with Strategic Environmental Assessment (SEA)" *Journal of Environmental Planning and Management*, Vol. 50, No. 2, pp. 257-270, March 2007.
- **Alshuwaikhat, H.,** Y. Aina and S. Rahman " The rationale for SEA to overcome inadequacy of environmental assessment in Bangladesh," *The Journal of Environment and Development*, Vol. 16, No. 2, pp. 227-246, June 2007.

- **Alshuwaikhat, H.** and I. Abubaker " An integrated approach to achieving campus sustainability: assessment of the current campus environmental management practices," *Journal of Cleaner Production*, Volume 16, Issue 16, November 2008, Pages 1777-1785.

### **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.
- [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
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	Completed February 2009

### **3.4 REPORTS**

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[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.

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