

## CURRICULUM VITAE

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**Name** Mezyad M. Alterkawi  
**Marital Status** Married with five children  
**Address** College of Architecture and Planning, King Saud University, Riyadh, Saudi Arabia  
E-mail: [mterkawi@hotmail.com](mailto:mterkawi@hotmail.com)



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### EDUCATION

**Ph.D. Texas A&M University, College Station, Texas, USA**  
**Urban and Regional Planning (1991)**

Dissertation: "Land Economic Impact of Fixed Guideway Rapid Transit Systems on Urban Development in Selected Metropolitan Areas: The Issue of the Price-Distance Gradients" (May, 1991).

**M.S. UTAH STATE UNIVERSITY, Logan, Utah, USA**  
**Civil and Environmental Engineering, (1987)**

**B.S. UTAH STATE UNIVERSITY, Logan, Utah, USA**  
**Civil Engineering, (1986)**

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### EXPERIENCE

□ **Employment and Current Positions**

- **King Saud University, Riyadh, Saudi Arabia.**  
**(May 1991 to 2005)**

**Assistant Professor**  
College of Architecture and Planning.

- **King Saud University, Riyadh, Saudi Arabia.**  
**(2005 to present)**

**Associate Professor**

**(1426 H. to present)**  
College of Architecture and Planning.

□ **Relevant Academic Experience, KSU, Riyadh, Saudi Arabia**

- **Coordinator of the PhD. Committee for Department of Urban Planning.  
(2005 to Present)**
  - Evaluate the existing Undergraduate program along with the Master's program to formulate a sound and practical PhD program.
  - Submit a proposal on what the PhD program.
  
- **Coordinator of the E-Department (Electronic Department) Committee for Department of Urban Planning.  
(2005 to 2007)**
  - Establish a state of the art electronic department.
  - Submit a proposal on that.
  
- **Coordinator of the Department of Urban Planning for Administrative Affairs,  
(2001 to 2007)**

*Among the responsibilities is the following:*

  - Assign Courses to the department of planning staff.
  - Assign juries for the urban planning workshops and projects.
  - Monitor the status of troubled students and recommend relevant academic actions.
  - Examine the equivalencies of courses.
  
- **King Khaled University Campus Project Steering Committee member,  
(June 2001 to January 2002)**

Pre qualifying National and International Consulting Offices to enter the competition for the architectural and engineering design of the campus.
  
- **King Saud University Steering Committee for Upgrading its Master Plan,  
(September 2001 to December 2002)**

Prepare a comprehensive study which incorporates the administration's desire, the actual need for current and future expansions and all other feasibility and economic considerations to set the stage for an optimum master plan and then to actually work on the development of the master plan.
  
- **College of Architecture and Planning Representative.  
(June 2001 to Present)**

Represent the college in preparing a faculty database to include in the Gulf Countries prime list of architecture and planning faculty.
  
- **King Saud University Steering Committee for Evaluating Architects and Planners.  
(Academic year 2001 and 2002)**

Prepare written examination, Proctor it and grade it. Interview the participants who seek employment in the fields of architecture and planning, evaluate their skills, and submit a report to the university's employment office.
  
- **Undergraduate Students Advisor, Department of Urban Planning,  
(1994 to present).**

Advise undergraduate students of the courses they should take in accordance to their course plan.

- **Examination Committee.** College of Architecture and Planning.  
*(1993 to 2002).*

A Representative of the department of planing and urban studies in the college of architecture examinations committee.

- **Coordinator of Cultural Affairs,** College of Architecture,  
*(August, 15 to Present)*

In charge of setting up and selection of public lectures, plan educational activities for students and faculty members.

- **Department of Planning Council Meetings Coordinator,**  
*(1991 to 2001)*

Coordinated the council's meetings and prepared a report on them.

- **College of Architecture and Planning exhibition in Al-Janadriyadh** (Cultural exhibition of the kingdom of Saudi Arabia, under the National Guard sponsorship),  
*(1996 to 1999).*

A member of the organizing committee representing the college of architecture and planning. Co-Organized the college's part.

- **College Exhibition at the University,**  
*(1996 to 2001).*

A member of the college of architecture and planning organizing committee. Co-Supervised the operations of the college's part.

- **International Symposium of Mosques.** College of Architecture and Planning  
*(1997 to 1999).*

A member of the editing committee and a member of the public relation committee of the symposium of Mosques, which was held in February of 1999,

- **Curriculum reevaluation committee,**  
*(1994 to 1995).*

A member of the curriculum reevaluation committee for the department of planning and urban studies.

- **Athletic Coordinator,** College of Architecture and Planning,  
*(1993 to 1995)*

Supervised the sports activities for the college of architecture and planning.

□ **Relevant Academic Experience, TEXAS A&M UNIVERSITY, Texas, USA**

- **TEXAS A&M UNIVERSITY, College Station, Texas**  
*(1989 to 1991)*

Computer lab supervisor – Responsible for the operation and maintenance of computers hardware, software, and quality assurance.

- **TEXAS A&M UNIVERSITY, College Station, Texas, USA.**

**(1988 to 1989)**

- Teaching Assistant for Design & Graphics Computer Aided Design.
- Co-taught Land Use Planning course with Professor Gordon Echols.
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□ **Relevant Academic Experience, UTAH STATE UNIVERSITY, Utah, USA.**

• **UTAH STATE UNIVERSITY, Logan, Utah**  
**(January 1985 to June 1987)**

- Teaching Assistant.

• **Responsible for teaching the following courses:**  
**(1986 and 1987 Academic years):**

- **Digital Computer Utilization**

Taught FORTRAN computer programming and simplified methods to improve students' skills in the science of computers.

- **Freshman Seminar.**

- **Sophomore Seminar.**

Taught students about the HP41C, CV, and CX programmable calculators and assisted them in preparing future programs. Introduced new students to computers by teaching them the basics of operating a PC, helping them to improve their typing skills using the commercial software, "Typing Tutor" and introducing them to other software such as WordPerfect, Lotus 123 and Sidekick.

□ **Relevant Committees In Practice.**

- A member of the jury committee of the 2001 Riyadh Municipality Conference for improving the quality of municipal works which was held in late October 2001. Presented a GIS paper.
- A member of the Committee and the Planning Consultant's Team which prepared a comprehensive future plan technical proposal for the Governor of Makkah AL-Mokkarramah, Saudi Arabia. (Jointly with Takweenat Consulting Office), 2001.

□ **Conferences and Symposiums.**

- **The Role of Municipalities in the Administrative Performance**, Arriyadh Municipality, Riyadh Saudi Arabia, 2001, presented a paper on GIS and its municipal application titled "The Application of GIS in Riyadh Municipality for City Planning".
- **Affordable Housing**, Arriyadh Development Authority (ADA), Riyadh, Saudi Arabia, (May, 2001), (Participant).
- **Teaching Development Tools for the Third Millennium**, University of Cairo, Cairo, Egypt, (March, 1999). (Participant).
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- **Higher Education Symposium, Future Visions**, Riyadh, Saudi Arabia (February, 1999) – Riyadh Intercontinental Hotel. (Participant).
- **International Symposium of Mosque Architecture**, KSU, Riyadh, Saudi Arabia, (February, 1999), (a committee member and a participant).

□ **Thesis Supervision**

**Evaluating the Coordination Process of the Infrastructure. Case Study: the City of Riyadh**, A Master's Thesis by Mr. Fahad Al-Angari, College of Architecture and Planning. Department of Planning and Urban Studies, King Saud University, Riyadh, Saudi Arabia, Department of Urban Planning, 2005

**Evaluating the Planning Regulations on Mosques and their Urban Service Boundaries. Case Study: the City of Riyadh**, A Master's Thesis by Mr. Ahmad Toman, College of Architecture and Planning. Department of Planning and Urban Studies, King Saud University, Riyadh, Saudi Arabia. Department of Urban Planning, 2005.

**Scientific Research in the Field of Building, Analytical Study to Identify the Priorities of Research in Building Technology and Propose Incentives for Research in the Kingdom of Saudi Arabia**, A Master's Thesis by Engineer Fuad Zaki Redwan, College of Architecture and Planning. Department of Architecture, 1996.

□ **Urban Planning and Geographic Information System Consultancies**

• **Riyadh Municipality, Riyadh, Saudi Arabia  
(May 1997 to Present)**

**Consultant of GIS and Urban Planning Issues.** Established a GIS Unit to support all of the municipality's departments. Managed the establishment of Riyadh's Base Map (Digital), designed the database, led the team to build up the functions, and linked the GIS Unit with the mayor's office, his deputies and the rest of the relevant municipal departments.

Leading a team of planners, and computer analysts in the first plans and data-archiving project of its kind in the kingdom of Saudi Arabia. This sets the stage to a complete Geographic Information System for the city of Riyadh. The system will aid in the decision making process when dealing with clients. It also automates the plans' production and insures the use of proper copies of the plans.

Review technical reports that consultants submit to the municipality as an output of projects for the city of Riyadh.

• **High Supreme Commission for Tourism  
(2000 to 2002)**

**Consultant (Environmental and Urban Development)**

Started as one of the prime consultants in the preparatory stage of the commission, and enjoyed of the privilege to have worked on the following:

- Constructed and formulated the inventory sheet for the local authorities to fill out in the accumulation of tourist or potentially tourist sites.
- Worked and served as a team member of establishing the regulatory guidelines for tourism projects.
- Worked and served as a team member of establishing the regulatory booklet for tourism projects.
- Worked and served as a team leader on the development of a structure plan for tourism.
- Traveled to the different regions to train local authorities how to conduct the inventory for their respective tourism administrative regions.

□ **RESEARCH PUBLICATIONS**

- Application of GIS in Transportation Planning: The Case of Riyadh, the Kingdom of Saudi Arabia, ***Global Built Environment Review***, Volume 1 issue 2 August 2001. ISSN 1474-6824 (Online), ISSN 1474-6832 (Print).

- Measures Towards a Comprehensive Municipal GIS – The Case of Ar-Riyadh Municipality, **Habitat International**, United Kingdom, (Ref: article #: "HAB 627")- 2005
- A Computer Simulation Analysis for Optimizing Bus Stops Spacing: The Case of Riyadh, Saudi Arabia, **Habitat International**, United Kingdom, (Ref: article # : "HAB 634")-2005
- A computer Simulation Analysis for the Development of Pedestrian Overpasses on King Fahad Road in Riyadh, Saudi Arabia, **Journal of King Saud University**, Riyadh, Saudi Arabia.-2005.
- The Economic Impact of Highway System on Land Development and Land Values: The Case of King Fahad Road. (**Research Center, College of Architecture and Planning, King Saud University, Riyadh, Saudi Arabia**), 2002

□ **SPECIAL SKILLS**

- Extensive Knowledge and experience Microsoft Office, Microsoft Project, Microsoft Access...etc., and many other commercial software such as Land Design, 3DHome Architecture, and Reflex data base.
- Good understanding of the CRAY Y-MP/2 super computers (Audited a Course)
- Comprehensive knowledge with TRANPLAN, MAC TDF, MDA, SPSS, and STATVIEW computer packages.
- Comprehensive knowledge of various GIS Packages, i.e., Bently Geographics, Discartes and Reprographics. Also Esri's Arc Info and Arc View, currently known as ArcGIS.