

# Dr. Alaa Mahmoud Al Tamimi

**PhD, P.Eng. | Engineer | Urban Scholar | Author | Former Mayor of Baghdad**

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Iraqi-Canadian professional engineer, urban scholar, author, and public-service leader with more than four decades of international experience in structural and civil engineering, transportation and urban planning, major infrastructure, higher education, and municipal governance. His career spans Iraq, France, the United Arab Emirates, Canada, and the United States, combining technical leadership with research, teaching, writing, and civic engagement.

## PROFESSIONAL AND PUBLIC-SERVICE EXPERIENCE

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**Founder and President, Urban Reform Consultant Inc.** 2006-present   Ontario, Canada

- Leads engineering, urban-development, research, professional-education, and advisory activities.
- Provides senior technical direction for transportation, structural, infrastructure, and planning assignments across Europe, the Middle East, and North America.
- Develops seminars, webinars, publications, and continuing professional-development initiatives in engineering, cities, infrastructure, and civic development.

**Vice-President, Planmac Engineering Inc.** 2005-2016   Toronto, Canada

- Helped manage a multidisciplinary consulting-engineering firm working in project development, structural and civil engineering, transportation planning, environmental assessment, and land-use planning.

**Mayor of Baghdad, Mayoralty of Baghdad** 2004-2005   Baghdad, Iraq

- Elected by the Baghdad City Council on 23 May 2004 and led the municipal administration during exceptional institutional, infrastructure, and security challenges.
- Directed policy and municipal action concerning water, wastewater, roads, transportation, environment, land use, planning, development control, and public services for approximately seven million residents.
- Oversaw major infrastructure and urban-development programmes with an overall portfolio reported at approximately USD 1 billion.

**Chief Engineer / Planning and Civil Aviation Adviser, Government of Abu Dhabi** 1996-2004   United Arab Emirates

- Worked on strategic planning, transportation, and airport-development programmes in Abu Dhabi and Al Ain.
- Reviewed and approved design documentation for the new runway and expansion of Abu Dhabi International Airport and managed additional airport projects.

**Director, Head of Design Directorate, Iraqi Atomic Energy Organization** 1987-1992   Iraq

- Held senior responsibility for engineering design, construction coordination, and passive-protection requirements for major scientific and industrial facilities.
- Directed design and construction activities associated with the Al Atheer project, including specialised structural and protective works.

**General Director, State Establishment for Industrial Projects, Ministry of Industry** 1992   Iraq

- Led the state establishment responsible for the development and delivery of industrial projects under the Iraqi Ministry of Industry.

## EDUCATION

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- PhD in Structural Engineering, Sorbonne University / Pierre and Marie Curie University (Paris VI, UPMC), Paris, France, 1985.
- MSc in Transportation Engineering, University of Baghdad, Iraq, 1979.
- BSc in Civil Engineering, University of Baghdad, Iraq, 1972.

# Dr. Alaa Mahmoud Al Tamimi

Academic work, publications, and professional contributions

## ACADEMIC, TEACHING, AND SPEAKING EXPERIENCE

- Visiting professor and lecturer at the University of Baghdad, United Arab Emirates University, and Toronto Metropolitan University (formerly Ryerson University).
- Teaching areas include advanced structural analysis, reinforced-concrete design, concrete materials, highway engineering, construction management, project management, planning analysis, urban and regional planning, urban governance, and urban resilience.
- Speaker at the Harvard University Graduate School of Design conference, *Identity, Sovereignty, and Global Politics in the Building of Baghdad*, 18-20 September 2014; presenter of *The Influence of Politics on Urban Development: The Past, Present, and Future of Baghdad* and participant in the governance roundtable.

## SELECTED BOOKS

1. **The City Between Idea and Power: From Uruk to the Smart City - A Study in Urban Development** (Arabic), Urban Reform Publications, 2026. ISBN 978-1-0668675-0-9.
2. **Baghdad: Madinat Al-Salam - A City Once Called the Abode of Peace** (English), AuthorHouse, 2025.
3. **Cities and Memories: A Journey Between Places and People** (Arabic), 2025.
4. **Bagdad, capitale éternelle** (French), Librinova, Paris, 2023.
5. **Baghdad: Memory of a City** (Arabic), 2021; Paris edition, Dar Kul Al Arab, 2023.
6. **الأثير النووي: قصة القنبلة الذرية العراقية** (Arabic edition), 2019.
7. **Al-Atheer Nuclear Site: The Story of Iraq's Atomic Bomb** (English edition), AuthorHouse UK, 2021. ISBN 978-1-66559-352-6.
8. **كنتُ أميناً على بغداد** (Arabic), Dar Difaf, Beirut, 2013.
9. **تصميم المنشآت الخرسانية المسلحة** (Arabic), Dar Aram, 1997.
10. **تصميم المنشآت الخرسانية والمنشآت مسبقة الجهد** (Arabic), 1998.

## SELECTED RESEARCH, PAPERS, AND PROFESSIONAL CONTRIBUTIONS

- *The Influence of Politics on Urban Development: The Past, Present, and Future of Baghdad*, Harvard University Graduate School of Design, 2014.
- *Vision, Role, Needs and Priorities*, Symposium on Housing and Urban Development, Iraq, 2004.
- *Urban Development and Housing Prediction in Abu Dhabi Emirate to 2020*, Department of Planning, Government of Abu Dhabi, 2003.
- *Assessment of Different Code Approaches to Predict Earthquake Damage in the Arab World*, 5th Congress, World Organisation of Building Officials, Dubai, 2000.
- *Advanced Earthquake-Resistance Techniques*, 20th World Congress of Housing, Abu Dhabi, 2000.

## PROFESSIONAL MEMBERSHIPS

- Professional Engineers Ontario (PEO), Canada - registered Professional Engineer.
- Canadian Society for Civil Engineering.
- The Writers' Union of Canada.
- American Concrete Institute (ACI).
- Precast/Prestressed Concrete Institute (PCI), United States.
- Society of Engineers - United Arab Emirates.
- Iraqi Union of Consultant Engineers.
- Iraqi Engineering Society.

## LANGUAGES

- Arabic - native
- English - fluent
- French - fluent

## ONLINE PROFILES

[urbanreform.ca](http://urbanreform.ca) [LinkedIn](#)