

CURRICULUM VITA



عنتر عبد العال أبو قرين

ANTAR A. ABOUKORIN

Professor of Urban & Regional Planning,

*- Dept. of Urban & Regional Planning, College of Architecture & Planning,
University of Imam Abdulrahman Bin Faisal, Dammam, Saudi Arabia.*

- Department of Architecture, Faculty of Engineering, Minia Univ., Egypt.

PERSONAL INFORMATION:

NATIONALITY: Egyptian

FIELDS OF INTEREST: Regional Development, Urban & Regional Planning, Desert Development, Urban & Regional Development Sustainability.

LANGUAGES: Arabic (mother tongue) and English (fluent).

PERSONAL DATA:

Birth: Sohag, Egypt (July 25, 1960).

Marital Status: married, four children.

CONTACT DETAILS:

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ORCID ID: 0000-0003-1680-409X

Google Scholar: <https://scholar.google.com/eg/citations?user=0nGZL1EAAA&hl=en>

Research Gate: https://www.researchgate.net/profile/Antar_Aboukorin

EDUCATION:

Ph. D. in Urban Studies, (Sept. 2000 - Sept. 2004), Centre for the Built Environment, Sheffield Hallam University, UK. Dissertation Title: *Technology Impacts on the Future Urban Change in Egypt: Implications for Developing Countries.*

Ph. D. in Architectural Engineering, "Urban & Regional Planning" (Sept. 88 - Dec. 92), under the joint supervision system between Dept. of Architecture, Minia University and Dept. of Urban & Regional Planning, Texas A&M University. Dissertation Title: *Desert Development Policies and Strategies: The Case of the Egyptian Western Desert.*

M. Sc. in Architectural Engineering, (Dec. 83 - March 88), Minia Univ. Thesis Title: *A Study of the Suitable Urban Form of Residential Sites in Arid Desert Areas: the Egyptian Western Desert.*

B. Sc. in Architectural Engineering. (Sept. 78 - May 83), Dept. of Architecture, Minia University (General Grade: Very Good, 80 %).

WORK EXPERIENCE:

A- ACADEMIC WORK:

March 2015 - : Professor of Urban & Regional Planning, Dept. of Urban & Regional Planning, College of Architecture & Planning, Imam Abdulrahman Bin Faisal Univ., Dammam, Saudi Arabia.

July 2014 – March 2015: Professor of Urban & Regional Planning, Dept. of Architecture, Faculty of Engineering, Minia Univ., Egypt.

Sept. 2010 – July 2014: Associate Professor of Urban & Regional Planning, Dept. of Architecture, Faculty of Engineering, Minia Univ., Egypt.

Sept. 2008 – Sept. 2010: Acting Head, Dept. of Architecture, Faculty of Engineering, Minia Univ., Egypt

Sept. 2007 - Sept. 2008: Associate Professor of Urban & Regional Planning, Dept. of Architecture, Faculty of Engineering, Minia Univ., Egypt.

- Board Member of Minia University Engineering Consultation Unit.

- Board Member of Minia University Construction Committee.
- Sept. 2000 - Sept. 2004: - Visiting Research Fellow, Centre for the Built Environment, Sheffield Hallam University, United Kingdom.
- Sept. 99 - Sept. 2000: Acting Head, Dept. of Architecture, Minia University, Egypt
- June 99 - Sept 2000: - Associate Professor of Urban & Regional Planning, Dept. of Architecture, Faculty of Engineering, Minia Univ., Egypt.
- Board Member of Minia University Engineering Consultation Unit.
- Board Member of Minia University Construction Committee.
- Dec. 92 - June 99: - Lecturer of Urban and Regional Planning in the Dept. of Architecture, Faculty of Engineering, Minia University.
- Part-time Urban Planner and Architect in Minia University Engineering Consultation Unit.
- Aug. 90 - Aug. 92: Visiting Scholar at the Dept. of Urban & Regional Planning, College of Architecture & Environmental Design, Texas A&M University, Texas, U.S.A.
- Part-time Architect in: W.S. Allen & Associates, Inc., Bryan, Texas, USA
- May 88 - Aug. 90: Lecturer Assistant in the Dept. of Architecture, Minia University.
- Part-time Architect in Minia University Engineering Consultation Unit.
- Dec. 83 - May 88: Teaching Assistant in the Dept. of Architecture, Minia University.
- Part-time Architect in Minia University Engineering Consultation Unit.

B- PROFESSIONAL SOCIETIES:

- *Urban & Regional Planning Consultant*, Egyptian Syndicate of Engineers. License no.: 2/2671.
- Urban & Regional Planning Consultant, Saudi Council of Engineers. no. 15011
- *Urban Planning Association*, Egyptian Engineering Society.
- *Egyptian Association of Certified Engineers*.
- *Egyptian Association of Certified Architects*.
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- *Urban & Regional Planning Consultant*; The General Organization for Physical Planning, Ministry of Housing, Egypt; Since 1997.
- *Urban & Regional Planning Consultant*; Ministry of Municipalities and Rural Affairs (MOMRA), Saudi Arabia; Since 2003.
- *Urban & Regional Planning Consultant* as one of Minia University Consulting team for Minia Governorate. (Aug. 97- Sept. 2000).
- *Regional and Industrial Development Consultant* for New Valley Gov., Egypt. (Dec. 96-Sept. 99).

C: PUBLICATIONS:

- PUBLISHED BOOKS:

- *URBAN PLANNING: An Introduction (in Arabic) (2018)*, King Fahad Library no. 4914/1439.
ISBN: 978-603-02-6544-2. (2018) – المدخل إلى التخطيط العمراني
- *Population and Development in Developing World: Delusion & Reality (in Arabic)*,
ISBN: 978-603-02-2702-0.... (2016) – السكان والتنمية في العالم النامي: الوهم والحقيقة
- *Egyptian Western Desert Development Corridor: A Critique Analysis and a Proposed Concept*
ممر التنمية والتعمير المقترح بصحراء مصر الغربية: تحليل نقدي وتصور مقترح
- *Egyptian Deserts Development Policies and Strategies: The Case of the Egyptian Western Desert- An Analytical and Comparative Study*. (In Arabic) ISBN 977-19-2492-3.

سياسات واستراتيجيات تنمية الصحراء : حالة صحراء مصر الغربية (دراسة تحليلية مقارنة)

- *Principles and Theories of Urban Planning*. أسس ونظريات التخطيط الحضري (In Arabic) ISBN 977-19-2493-1.

- BOOK CHAPTER:

- "*Technology and the Urban Future in Developing Countries: The Case of Africa*" in: "*Population Growth and Rapid Urbanization in the Developing World*". IGI Global Publisher, USA. Jan. 2016. <https://www.igi-global.com/chapter/technology-and-the-urban-future-in-developing-countries/155088>
- "*Chapter 1: Emerging Urban Conditions and Trends in Saudi Arabia*", UN-Habitat "State of Saudi Cities 2018" Report. (under publication).

- PUBLISHED PAPERS:

- "*Spatial analysis of the urban system in the Nile Valley of Egypt*"; "Ain Shams Engineering Journal". <http://www.sciencedirect.com/science/article/pii/S2090447917300096>
- "*Rapid Urbanization and Sustainability in Saudi Arabia: The Case of Dammam Metropolitan Area*" Antar A. Aboukorin, Feaz Saad Al-shihri. Journal of Sustainable Development. Vol 8, No 9 (2015). <http://www.ccsenet.org/journal/index.php/jsd/article/view/51957>
- *Small-Size Urban Settlements: A proposed Approach for Managing the Urban Future in Developing Countries of Increasing Technological Capabilities – The Case of Egypt*. Ain Shams Engineering Journal, Dec. 2013. Volume 5, Issue 2, June 2014, Pages 377–390 www.sciencedirect.com/science/article/pii/S209044791300124X
- *An Analysis of the Urban System in the Nile Valley of Egypt*. Journal of Engineering Sciences, Faculty of Engineering, Assuit University, Vol. 42; no. 2; March 2014. http://www.aun.edu.eg/journals/reserches/journal_of_engineering_sciences.htm
- *Sustainability Indicators and Testing Methodology in Regional Development in Developing Countries: The Case of North Upper Egypt Region*. Minia Journal of Engineering and Technology, (MJET), Vol. 33, No 2, July 2014.
- *Egyptian Western Desert Development Corridor: A Critique Analysis and a Proposed Concept*. Journal of Engineering Sciences, Faculty of Engineering, Assiut Univ., Vol. 39; no. 5; Sept. 2011.
- *Impacts of Rapid Urbanisation in the Arab World: the Case of Dammam Metropolitan Area, Saudi Arabia*. 5th Int'l Conference and Workshop On Built Environment in Developing Countries (ICBEDC 2011), Universiti Sains Malaysia, 11800 Pulau Pinang, Malaysia. 13 Jul. 2014.
- *Urban Concentration: A Characterising Feature of Urban Change in Egypt*. 5th Int'l Conference and Workshop On Built Environment in Developing Countries (ICBEDC 2011), Universiti Sains Malaysia, 11800 Pulau Pinang, Malaysia. 13 Jul. 2014.
- *Urban Primacy in Egypt: From Colonisation to Globalisation*. Submitted to: 8th International Architectural Conference, Dept. of Architecture, Assuit University, Egypt, 13-15 April 2010.
- *Patterns and Problems of Urban Change in Egypt*. Journal of Engineering Sciences, Faculty of Engineering, Minia University, Jan. 2005.
- *Telecommunications and the Future of Urban Change in Developing Countries*. Journal of Engineering Sciences, Faculty of Engineering, Minia University, Vol. --; no. --; March 2005.
- *Characteristics of Urban Patterns Suitable for Human Settlements in the Egyptian Deserts*. Submitted to: Research Bulletin, Faculty of Engineering, Minia University, Jan. 2003.
- *A Study of the Appropriate Size of Small Urban Settlement Suitable for Desert Development in Egypt*. Journal of Engineering Sciences, Faculty of Engineering, Minia University, Jan. 2003.
- *Sustainability Requirements of Desert Development in Egypt: The Case of New Valley Region*. Journal of Engineering Sciences, Faculty of Engineering, Minia University, Dec. 2001.
- *Regional and Urban Development Strategy for Southern Egypt Desert Development Project (Toshka)*. Review Article - submitted to, and refereed by, the Urban & Regional Planning Board - Supreme Council of the Egyptian Universities. April 1999.

- *Earth Sheltered Construction as an Appropriate Tool for Housing in Desert Regions*. Journal of Engineering Sciences, Faculty of Engineering, Minia University, June 1998.
- *Ecological Planning Principles for Sustainable Urban Development in Egypt*. Mansora University Second International Conference, 8-10 April, 1997.
- *Rural Urbanization as an effective Strategy for Rural Development in Egypt*. Mansora University Second International Conference, 8-10 April, 1997. (in Arabic).
- *The Role of Appropriate Technology in Rural Development in Egypt: The Case of North Upper Egypt Region*. The first conference for rural development in Egypt, Faculty of Engineering, Menofia University, Egypt. 25-27 June 1997. (in Arabic).
- *Planning of Tourist Villages in Inland Desert Areas: The Case of New Valley Region*. The Third Architectural International Conference, Assuit University, Egypt. Dec. 1997. (in Arabic).
- *Joint Ventures and Desert Development in Developing Countries- the Case of the Egyptian Western Desert*. Minia First Conference in Engineering & Technology, October 8-10, 1995.
- *Large-Scale Projects and Desert Development in Developing Countries- the Case of the Egyptian Western Desert*. Minia First Conference in Engineering & Technology, October 8-10, 1995.
- *High Advanced Technology and Desert Development in Developing Countries - the Case of the Egyptian Western Desert*. Minia First Conference in Engineering & Technology, Oct. 8-10, 1995.
- *New Urban Settlements as a Tool for Restructuring the Regional Urban Pattern: the Case of North Upper Egypt Region*. Al-Azhar Engineering Fourth International Conference, Dec. 16-19, 1995.

Complete List of Publications Available at:

ORCID ID: 0000-0003-1680-409X

Google Scholar: <https://scholar.google.com/eg/citations?user=0nGZL1EAAA&hl=en>

Research Gate: https://www.researchgate.net/profile/Antar_Aboukorin

- THESES CO-SUPERVISED & REFEREED:

- M.Sc. Architectural Engineering, Minia University ‘**Sustainable Development in North Upper Egypt Region**’ of Arch. Rasha Abd el Azem Ahmad, 2014.
- M.Sc. Architectural Engineering, Minia University ‘**Urban System Analysis of North Upper Egypt Region**’ of Arch. Asmaa Ahmad Othman, 2014.
- Ph.D. Reem Waaz Amjad. A Methodology for the Assessment of Elementary Schools' Distribution in the Present Egyptian City: The Case Study of Assuit City", Assuit University, Egypt 2014
- M.Sc. Architectural Engineering, Minia University ‘**Earth Sheltered Housing as an Appropriate Attitude for urban Development in South of the Valley Desert Region, Egypt**’ of Arch. Heba Hassan, 2009.
- Ph.D. Architectural Engineering, Minia University ‘**National Plan for Crippled Children’s Rehabilitation Centres in Egypt**’ of Arch. Bassem H. Habeeb, 2008.
- Ph.D. Architectural Engineering, Minia University ‘**Rural Development Strategy for North Upper Egypt Region**’ of Arch. Ramadan M. Shoukri, 2007.
- M. Sc. Architectural Engineering, Minia University ‘**Factors Affecting Configuration of Residential Sites in Desert Areas of Egypt**’ of Arch. Omar A. Korani, 2007.
- M.Sc. Architectural Engineering, Minia University ‘**Environmental Hazards Effecting Urban Development in Desert Regions of Egypt**’ of Arch. Rasha Maher, 2004.
- M.Sc. Architectural Engineering, Minia University ‘**Characteristics of the Smallest Urban Unit Suitable for Urban Development in Desert Regions of Egypt**’ of Arch. Amany Nagy, 1999.
- M.Sc. Architectural Engineering, Minia University ‘**Planning and Urban Design Principals for Touristic Villages in Inland Desert Areas: The Case of New Valley Desert Region, Egypt**’ of Arch. Ashraf M. Soliman, 1998.
- M.Sc. Architectural Engineering, Minia University ‘**Urban Design of Commercial Open Spaces in the Egyptian City**’ of Arch. Mohamed M. Kamal, 1998.

- M.Sc. Architectural Engineering, Minia University ‘**Conservation of the Architectural Heritage in the Egyptian city: The Case of Minia city**’ of Arch. Osama H. Hassan, 1997.
- M.Sc. Architectural Engineering, Minia University ‘**Architectural Considerations for the Design of Crippled Children’s Rehabilitation Centres in Egypt**’ of Arch. Bassem H. Habeeb, 1997.

D- PUBLICATIONS I REFREED:

- BOOK CHAPTERS:

- **Urbanisation in Ghana- Insights and Implications for Urban Governance**-Jun-13-2015-0709. ". In "Population Growth and Rapid Urbanization in the Developing World". *IGI Global Publisher*, USA. <https://www.igi-global.com/chapter/urbanization-in-ghana/155078>
- **Population Growth and Water Supply: The Future of Ghanaian Cities**. In "Population Growth and Rapid Urbanization in the Developing World". *IGI Global Publisher*, USA. <https://www.igi-global.com/chapter/population-growth-and-water-supply/155087>

- RESEARCH PAPERS:

Ain Shams Engineering Journal

Manuscript Number: ASEJ-D-17-00643. March 2018

Title: *Partnerships for Sustainable Tourism Development in the Cultural-Heritage Sites*

Sustainable Cities and Society

SCS_2017_1480|Full Length Article - Dec/2017

Title: *A theoretical framework of urban systems and their evolution: the GUSE theory and its simulation test*

Habitat International

Manuscript Number: HABITATINT_2016_139. April 2016

Title: *Urban Expansion and its Environmental Impacts on Coastal Cities of Qatif Oasis, Saudi Arabia.*

Habitat International

Manuscript Number: HABITATINT-D-15-00247. Jan. 2015

Title: *Eighty Years of Urban Growth and Socioeconomic Trends in Dammam Metropolitan Area, Saudi Arabia.*

Journal of Global Economics

OMICS - Management-14-374, June 2014

Title: *An Analysis of the Differences between Conflict and Non-Conflict Countries in the Developing World*

Journal of Global Economics

OMICS - Management-14-598, Oct. 2014

Title: *Real Development Index*

E- CONSULTING EXPERIENCE - PLANNING & ENVIRONMENTAL PROJECTS:

Jan. 012 - March 015: **Director, Centre for Arab Development and Urban Studies**, Cairo, Egypt.
www.ArabHabitat.com

Feb. 012 - Dec. 012: **Principal Urban Planning Consultant** "Minia Hillside Touristic Complex **التجمع السياحي الجبلي** - شرق مدينة المنيا", on Eastern side of the Nile River at Minia City. Total area about 7 feddans. It consists of a five-star hotel (200 rooms, 12 floors), conference hall, 5 hotel-falt buildings (6 floors), recreation & entertainment area.

Jan. 07 - Jan. 011: **Principal Urban Planning Consultant and Idea Developer** of "**Prosperity Triplet Project مشروع ثلاثية الخير**" in Dammam Metropolitan Area, Eastern Province, Saudi Arabia. Owner:

مؤسسة تملك عقار الخليج. It consists of: King Abdullah's Bridge (in the Arabian Gulf, between Tarut island and Dammam Metropolitan Area), Passenger Port & IT City. Total area about 10 million sq. m.

As a Manager of AMCDE (a Saudi Company) Urban Planning Unit, I have been the principal urban planning consultant responsible the preparation of the following projects:

Dec. 03 – Sept. 08: **Project Manager & Urban Planning Consultant, “Preparation of Local and Action Area Plans for Dammam Metropolitan and Cities of Qatif and Ras-Tanura Governorates”** مشروع إعداد المخططات المحلية والتفصيلية لحاضرة الدمام ومدن محافظتي القطيف ورأس تنورة Ministry of Municipalities and Rural Affairs, Kingdom of Saudi Arabia, prepared by AMCDE.

In that project the following tasks has been achieved:

- Preparation of the digital base-map for the area and Geo-database including data for more than 350,000 land parcel using GIS software. All data about each parcel, including land-use, building condition, height, materials, and applied- and proposed building regulations have been linked to that Geo-Database.
- Existing Conditions Report: Analysis of natural, socio-economic, urban conditions in the region, including infrastructure and traffic analysis.
- Preparation of “Planning Issues” Report. Defines the main planning issues and problems of the region (environmental, urban, infrastructure, traffic) and gives a broad vision of development problems in the region.
- Preparation of the Structural Plan for the region. This plan sets the planning vision for the development of the region in the next 30 years and defines the main planning policies necessary for overcoming the development problems defined in planning issues Report.
- Preparation of Local Plans for 10 Cities (Dammam Metropolitan Cities - Dammam, Khobar, Dhahran, Aziziah and Half-Moon; Qatif Governorate Cities - Qatif, Saihat, Anak, Safwa, Tarut; and Ras-Tanura city in Ras Tanura Governorate). Local plan has tackled all the physical, urban – including existing and proposed building regulations, environmental, infrastructure, and traffic issues.
- Preparation of 10 Action Area Plans –each area that suffer a specific problem either urban, environmental, traffic, or infrastructure problem. In each case, a redevelopment plan has been prepared and recommendations for the application of the proposed redevelopment strategies in similar cases have been provided.
- Preparation of Updating Mechanism for the base-map and the Geo-database. It is a software that enables local planning unit of updating the GIS enabled – base-map and geo-database built for the region.
- Conducting a comprehensive multi-disciplinary training program for local planning department team. As part of this program, members of local planning unit have joined the consultant team during all the stages of project. Also, the consultant has conducted many training workshops during project preparation. Moreover, some members of planning department have been sent outside of the kingdom in short training missions.

During that period and till March 2008:

- I have worked as Project Manager and Urban Planning Consultant in the following SOIETZ (Saudi organisation for Industrial Establishments and Technical Zones) projects:

- *Preparation of the master plan for Dammam Technology Area –* *حديقة التكنولوجيا بالدمام*
- *Preparation of the master plan and detailed plans for Jeddah Industrial Zone 1 –*
المنطقة الصناعية الأولى بمدينة جدة.

- Preparation of the master plan and detailed plans for Jeddah Industrial Zone 2 -

المنطقة الصناعية الثانية بمدينة جدة.

- Preparation of the master plan and detailed plans for Al-Kharj Industrial Zone –

المنطقة الصناعية بالخرج

- Also, I have been responsible for:

- Preparation of all AMCDE technical and financial proposals to Saudi Ministry of Municipalities and Rural Affairs (MOMRA), Saudi organisation for Industrial Establishments and Technical Zones (SOIETZ), and other major Saudi Clients.
- Preparation and delivery of numerous presentations to:
 - MOMRA, Eastern province Emara. Dammam Amana, Dammam Planning Department, SOIETZ, and other major clients.
- Preparation of AMCDE booth in many conferences and fairs

“all the above stated project reports and atlases are available for Digital Presentation”

March 85-Aug. 99: Participation in the preparation of many studies as one of the team of Minia University Engineering Consultation Office MUECO. The most recent are:

- **Regional Development Strategy for South of the Valley Project (Toshka), Egypt.**

- **Minia City Replanning Study:**

March 96-Sept 99: Preparation of the following studies as one of the team of **The Consulting Group for Engineering, Development & Environment**, Kharga, New Valley (Tel.: 092-906301):

- **Urban Development Studies for Al-Monera and Nasser Villages:**

- **Urban Planning of Al-Hendaw New Village, Dakhla Oasis:**

May 86-Aug. 90: Participation, as one of the team of New Valley Development Agency NVDA in:

- **Development Prospects and Constraints in Kharga Oasis, New Valley, Egypt.**

- **Following up the development plans of the Graduates' Villages in Farafra Oasis, West of Mawhob and Abou-Monkar in New Valley Governorate.**

March 93-Sept 99: Participation, through the MUCO and in cooperation with the Regional Development Agency in Minia Governorate, in the preparation of the following studies:

-**Rural Development Problems in Minia Governorate.**

PRIZES:

Oct. 1994: Winning the Egyptian National Specialized Councils' research prize entitled: “**Development of the Egyptian Deserts**”.

TEACHING COURSES:

Dept. of Urban & Regional Planning, University of Dammam, KSA:

- ARUR 802-01; **Emerging Issues in Planning**. Semester II, for Ph.D. Students
- URPL-(616) **Workshop I, Local Development** for M.Sc. Students
- URPL 711 - 313 **Workshop II Regional Development** for M.Sc. Students
- **Design Studio (9)**: Graduation Project
- **Design Studio (10)**: Graduation Project

Dept. of Architectural Eng., Minia Univ.:

- “**Regional Development in Third World Countries**” for graduate students.
- “**Urban & Regional planning**” for 4th yr, undergraduate students.

- “*Urban Economics*” for 4th yr, undergraduate students.
- “*City Planning - 2*” for 3rd yr, undergraduate students.
- “*City Planning - 1*” for 2nd yr, undergraduate students.

Dept. of Architectural, HTI Institute, Minia:

- “*Theory of Architectural Design*” for 3rd yr, undergraduate students.
- “*Desert Environment-Architecture & Urbanisation*” for 4th yr, undergraduate students.

ATTENDED TRAINING COURSES:

At Faculty and Leadership Development Centre, Cairo University, I have attended and met the standards required for completion of the following training courses:

- Quality Standards in Teaching
- Use of Technology in Teaching
- Examination & Student Evaluation Techniques
- Effective Presentation Skills
- Contemporary Trends in Teaching - E-Learning
- Financial and Legal Affairs in Universities

SPECIAL SKILLS:

- High experience in using AutoCAD, SPSS, Microsoft Office applications.
- High graphic design skills.