

Dr. Ibrahim Rizk Hegazy M.Sc., Ph.D.
Associate Professor



Summary

Dr. Ibrahim Rizk Hegazy is an Associate professor of Architecture at Mansoura University, Egypt. He received his Ph.D. in September 2010 from University of Liverpool (UK) He has a B.Sc. in 2000 and a M.Sc.

He has an extensive experience in planning, development and environmental management acquired through formal training and research projects in United Kingdom. He has conducted several studies on issues related to regional planning and environmental assessment. Moreover, he has provided technical assistance in participatory strategic and action planning for urban, regional and national environmental management projects. He understands and is familiar with Strategic Environmental Assessment system and procedures.

He has an extensive experience in research, teaching, environmental & sustainable planning, urban and architecture, environmental management and assessment, building technology, urban renewal, green urban assessment, architectural education development, design development theories and technique.

He has:

- Established research expertise and an excellent portfolio of research experience in architecture and urban design.
 - A record of publishing in high-quality refereed journals.
 - A higher education teaching qualification and teaching experience at undergraduate and postgraduate level.
 - A proven ability to deliver high-quality teaching and to enhance the student learning experience.
 - Experience of undertaking managerial responsibilities within an academic department.
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Education

- 2010:** **Ph.D.** in Urban Planning & Design, **Thesis:** "Environmental Assessment and Urban Planning in Egypt", Department of Geography and Planning, Faculty of Science and Engineering, University of Liverpool, Liverpool, UK, 2010, Strategic
- 2004:** **M.Sc.** in Architecture, **Thesis:** "Documentation of Visual Perception to Improve the Image of the City", Mansoura University, Mansoura, Egypt, 2004.
- 2000:** **B.Sc.** in Architectural Engineering, grade: **Very Good with Honor's Degree**, Faculty of Engineering, El-Mansoura University, El-Mansoura, Egypt, 2000.

Professional Experience

- Dec 2015 - Present:** **Associate Professor**, Department of Architecture, Faculty of Engineering, Mansoura University, Egypt.
- Oct 2010 - Dec 2015:** **Assistant Professor**, Department of Architecture, Faculty of Engineering, Mansoura University, Egypt.
- Sep 2006 - Sep 2010:** **Researcher** in Department of Geography and Planning, University of Liverpool, UK.
- Jul 2004 - Sep 2010:** **Lecturer**, Department of Architecture, Faculty of Engineering, Mansoura University, Egypt.
- Sep 2000 - Jul 2004:** **Assistant Lecturer**, Department of Architecture, Faculty of Engineering, Mansoura University, Egypt.
- Jan 2014 – Present:** **Head of Department of Architecture**, Mansoura Higher Institute For Engineering and Technology, Mansoura, Egypt.
- Mar 2012 - Jan 2014:** **Member** of Engineering Consultancy Board, Faculty of Engineering, Mansoura University, Egypt.
- Nov 2010 - Jan 2014:** **Coordinator** of Quality Assurance and Accreditation, Department of Architecture, Faculty of Engineering, Mansoura University, Egypt.
- Nov 2010 – Present:** **Member** of Environmental Advisory Committee in (EIA) Unit, Faculty of Engineering, Mansoura University, Egypt.

Professional Affiliations

- **Member** of the Egyptian Engineers Syndicate.
- **Member** of International Association for Impact Assessment, USA.
- **Member** of General Organization of Physical Planning, Egypt.
- **Member** of Egyptian Environmental Affairs Agency, Egypt.
- **Member** of Egyptian Engineering Syndicate, Egypt.
- **Member** of Federation of Arab Engineers, Egypt.
- **Member** of the Engineering Scientific Committee, Mansoura University.

Professional Activities

- **Reviewer for the following journals:**
 - Impact Assessment and project Appraisal journal.
 - Environmental impact assessment review journal.
 - Journal of Construction Engineering and Management, American Society of Civil Engineers.
 - International Journal of Scientific & Engineering Research.
 - International Journal of urban and extra urban studies.
 - International Journal of Sustainable Built Environment.
 - Asian Academic Research Journal of Social Science and Humanities.
 - Journal of Coastal Management.
- **Reviewer for the following conferences:**
 - Mansoura International Engineering Conference, 2010.
 - International Conference of Innovative and Sustainable Architecture, Planning and Landscape.
 - International City Planning and Urban Design Conference.
 - The UK-Ireland Planning Research Conference.
 - Environment, Development and sustainability.
 - Energy & Buildings Conference.
- **Reviewer for the following agencies:**
 - Egyptian Environmental Affairs Agency, Egypt.

Continuing Education and Personal development

- Training workshop in "Participatory Planning", Liverpool City Council, Liverpool, UK, Nov .2009.
- Training workshop in "Techniques and Technologies for Sustainability", School of Architecture, Planning and landscape, Newcastle University, UK, Feb. 2009.
- Training workshop in" Career Skills", The Graduate School, University of Liverpool, UK, Oct. 2008.
- Training workshop in" Interdisciplinary Workshop for all Researchers", The Graduate School, University of Liverpool, UK, Nov, 2007.

- Training workshop in " Embracing Complexity in Science & Society, A taught course for researchers in the built environment", University of Liverpool, UK, Nov. 2006.
 - Mansoura University, University Development Center (UDC), Faculty and Leadership Development Program (FLDP), Organizing Scientific Conferences, Sep. 2013.
 - Mansoura University, University Development Center (UDC), Faculty and Leadership Development Program (FLDP), Academic Criteria, Jun. 2013.
 - Mansoura University, University Development Center (UDC), Faculty and Leadership Development Program (FLDP), Examination and Students Assessment, Jun. 2013.
 - Mansoura University, University Development Center (UDC), Faculty and Leadership Development Program (FLDP), University Administration, Jun. 2013.
 - Mansoura University, University Development Center (UDC), Faculty and Leadership Development Program (FLDP), Management of Research Team, May. 2013.
 - Mansoura University, University Development Center (UDC), Faculty and Leadership Development Program (FLDP), International and National Competitive Research Projects, Dec. 2010.
 - Mansoura University, University Development Center (UDC), Faculty and Leadership Development Program (FLDP), Communication Skills in Education, Dec. 2010.
 - Mansoura University, University Development Center (UDC), Faculty and Leadership Development Program (FLDP), Time Management, Dec. 2010.
 - Mansoura University, University Development Center (UDC), Faculty and Leadership Development Program (FLDP), Strategic Planning, Nov. 2010.
 - Mansoura University, University Development Center (UDC), Faculty and Leadership Development Program (FLDP), The Ethics of Scientific Research, Nov. 2010.
 - Mansoura University, University Development Center (UDC), Faculty and Leadership Development Program (FLDP), Design of Courses and Curricula, Sep. 2004.
 - Mansoura University, University Development Center (UDC), Faculty and Leadership Development Program (FLDP), Teaching with Technology, Aug. 2004.
 - Mansoura University, University Development Center (UDC), Faculty and Leadership Development Program (FLDP), Quality standards in the teaching process, July. 2004.
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Publications, Technical Reports & Presentations

Refereed Journal Publications

- 1- Wael Moustafa and Ibrahim Hegazy, "Towards a sufficient building performance investigating the effect of climatic data types", International Journal of Scientific & Engineering Research, Volume 4, Issue 6, June 2013.
- 2- Ahmed Tohlob, Ibrahim Hegazy and Alaa El-Aishy, "The relationship between political changes and architectural thought in Egypt", Mansoura Engineering Journal, Volume 38, Issue 3, September 2013.
- 3- Esraa El-Azab, Ibrahim Hegazy and Alaa El-Aishy, "Towards a framework for home design in desert in Egypt", Journal of Al-Azher University Engineering Sector, Vol. 10, No.34, January 2015.
- 4- Eslam Gamal, Ibrahim Hegazy and Sherif Sheta, "The effect of architectural spaces form on user's brain frequency", Journal of Al-Azher University Engineering Sector, Vol. 10, No. 34, January 2015.
- 5- Ibrahim Hegazy and Wael Seddik, "Toward revitalization of new towns in Egypt case study: Sixth of October", International Journal of Sustainable Built Environment, Volume 2, Issue 1, June 2013.
- 6- Ibrahim Hegazy and Wael Seddik, "The evaluation of environmental performance of New Damietta city using the African green index", Journal of Al-Azher University Engineering Sector, Vol. 9, No. 33, October 2013.
- 7- Ibrahim Hegazy, "Informal settlement upgrading policies in Egypt: towards improvement in the upgrading process", Journal of Urbanism: International Research on Place-making and Urban Sustainability (Published online: 11 Feb 2015).
- 8- Mohktar Akl, Ibrahim Hegazy and Sherif Sheta, "Population density and solar radiation effect on the residential building forms": case study: the graduates villages at El-Burullus lake, Mansoura Engineering Journal, Volume 40, Issue 1, March 2015.
- 9- Nehad El-Beltagy, Ibrahim Hegazy and Sherif Sheta, "Rooting urban identity through urban laws and regulations" Journal of Al-Azher University Engineering Sector, Vol. 10, No. 35, April 2015.
- 10- Ibrahim Hegazy and Mosbeh Kaloop, "Monitoring urban growth and land use change detection with GIS and remote sensing techniques in Daqahlia governorate Egypt", International Journal of Sustainable Built Environment, Volume 4, Issue , June 2015.

- 11- Ibrahim Hegazy, "Towards sustainable urban communities in Egypt: the application of sustainability rating systems ", Journal of Urban Research, Vol. 15, December 2015.
- 12- Ibrahim Hegazy and Hossam Ibrahim, "The potential for adopting strategic environmental assessment (SEA) in Egypt ", Journal of Urban Research, Vol. 8, July 2011.
- 13- Ibrahim Hegazy and Hossam Ibrahim, "Strategic environmental assessment (SEA) worldwide: different perspectives and one aim ", Journal of Urban Research, Vol. 11, January 2014.
- 14- Ibrahim Hegazy and Hossam Ibrahim, "Towards applying strategic environmental assessment in the Egyptian context ", Asian Academic Research Journal of Social Science and Humanities, Vol. 1, Issue 21, March 2014.
- 15- Hossam Ibrahim and Ibrahim Hegazy, "Decentralization in the Egyptian coastal management ", Journal of Coastal Development, Vol.16, No.2, February 2013.
- 16- Ibrahim Hegazy, "Smart growth of coastal fronts in Egypt – case study: El-Arish city ", Journal of Al-Azher University Engineering Sector, Vol. 10, No. 34, 2015.
- 17- Hossam Ibrahim and Ibrahim Hegazy, "Capacity development for integrated coastal zone management in Egypt" , Journal of Coastal Management, Vol. 43, Issue 5, September 2015.

Conference Publications

- 1- Mohand Foda, Ibrahim Hegazy, Mohamed El-Azab and Lamis El-Gezawy, "Improving the energy efficiency of green heritage houses", 8th International Engineering Conference Faculty of Engineering, Mansoura University, 17 -22 November 2015, Mansoura.
- 2- Bahaa Elboshy, Abd Elazeem Negm and Ibrahim Hegazy, Proposed sustainable indicators "framework for the Egyptian cities", 2nd International Conference of Innovative and Sustainable Architecture, Planning and Landscape, 23-25 July 2015, UK: Newcastle.
- 3- Elborolocy, H., and Abdul-Razek, M.E. (2012). "Development of A conceptual Web-Based Construction Coordination Model." Proceedings of the 3rd International Conference on Construction In Developing Countries (ICCIDC-III) (CD-ROM), Jul 4-6, 2012, Bangkok, Thailand, pp.

- 4- Ibrahim Hegazy, "Which new city is more green: an evaluation of new cities in Egypt using Green City Index ", accepted to be published on CPUD '16 / International City Planning and Urban Design Conference, April 8-9, 2016.
- 5- Ibrahim Hegazy, "Environmental impact assessment practice in Egypt and its evaluation using SWOT analysis", The UK-Ireland Planning Research Conference, 2007, UK: Belfast.
- 6- Ibrahim Hegazy, "Integrating environmental policy and urban development strategies: the case of Egypt ", The UK- Ireland Planning Research Conference, 2009, UK: Newcastle.
- 7- Hossam Ibrahim and Ibrahim Hegazy, "The effect of participation on the integrated coastal zone management (ICZM) effectiveness: the Egyptian experience", The 10th International Conference on the Mediterranean Coastal Environment, 25-29 October 2011, Greece: Rhodes.
- 8- Hossam Ibrahim and Ibrahim Hegazy, "The importance of the financial resources in applying effective ICZM: the Egyptian experience ", Global Congress on Integrated Coastal Management: Lessons Learned to Address New Challenges, MEDCOAST 2013 Joint Conference, 30 October - 03 November 2013, Turkey.

Other Publications

- 1- Ibrahim Hegazy, "Sustainable Urban Program ", Research project of curriculum model draft on sustainable urban, Submitted to Department of Architecture, Faculty of Engineering, Mansoura University , Egypt, December 2013.
- 2- Ibrahim Hegazy and Hossam Ibrahim, "Adopting strategic environmental assessment framework for Urban Development PPPs in Egypt", Research project, Sponsored by the General Organization of Physical Planning (GOPP), Egypt, June 2015.
- 3- Ibrahim Hegazy and Hossam Ibrahim, "Adopting strategic environmental assessment framework for Coastal Zone Management in Egypt", Research project, Submitted to the Ministry of Tourism, Egypt, September 2015.
- 4- Ibrahim Hegazy, Urban strategies and environmental policy: "towards urban sustainability within the Egyptian context, Environmental Development", Vol. 11, July 2014.
- 5- Ibrahim Hegazy, "Strategic environmental assessment can help solve environmental impact failures in the Egyptian urban development", 48th Congress of the European Regional Science Association, 27-31 August 2008, UK: Liverpool

- 6- Ibrahim Hegazy, "Introducing strategic environmental assessment into urban planning in Egypt ", The 3rd World Planning Schools Congress, 4-7 July 2011, Australia: Perth.
- 7- Ibrahim Hegazy and Hossam Ibrahim, "Designing a management framework for strategic environmental assessment in the Egyptian context", 4th International congress on environmental planning and management, 10-13 December 2011, Egypt: Cairo, HBRC.
- 8- Ibrahim Hegazy, "Integrating strategic environmental assessment into spatial planning in Egypt, Environmental Development", Vol. 15, July 2015.

Masters Theses Supervised to Completion

- 1- The Effect of Architectural Space Form on User's Brain Frequency, Eslam Gamal, MSc, Mansoura University [awarded].
- 2- Towards Compatible Environmental Criteria for Desert Architecture in Egypt, Esraa Elazab , MSc, Mansoura University [awarded].
- 3- Towards Sustainable Neighborhood Development Strategies in Future Intermediate Desert Cities in Egypt, Mokhtar Hosny, MSc, Mansoura University [awarded].
- 4- The Role of Landscape Elements in Enhancing the Quality of Life: Outdoor Spaces as Case Study, Lamia Sheta, MSc, Mansoura University.
- 5- Enhancing the Role of Planning Laws and Regulations in Achieving the Urban Identity of Mansoura City, Nehad Elbeltagy, MSc, Mansoura University.
- 6- Enhancing the Effectiveness Infrastructure Planning Using Geographic Information System, Mariem Elsherbiny, MSc, Mansoura University.
- 7- Toward Framework for Sustainable Infrastructure Planning in Medium-sized cities in the Context of Green Architecture, Elshaimaa Mohammed, MSc, Mansoura University.
- 8- The Impact of Climatic Change on the Urban Form of Mediterranean Cities, Yomna Taher , MSc, Mansoura University.
- 9- Techniques to Take Advantages of Natural Lighting in Building Design as an Approach of Sustainable Development, Mona Foda, MSc, Mansoura University.
- 10- Analytical Study of Informal Urban Growth in New Cities, Mohamed Anwer , MSc, Cairo.

Doctoral Theses Supervised to Completion

- 1- Using Fuzzy Logic in the Assessment of Urban Development Alternatives, Ahmed Thabet, PhD, Mansoura University [awarded].
- 2- Sustainable Mixed-Use Development towards Real Investment for Informal Settlements in Urban Centers, Mohsen Anber, PhD, Mansoura University.
- 3- Toward Green Heritage Building in Egypt, Mohand Foda, PhD, Mansoura University [awarded].