

CV

Name:

Ireny Abdel Raouf Watson Beshara

PHOTO**E-mail:** Ireny _5@yahoo.com**Present job:** Associate Professor at Construction and Project Management Research Institute

Educational Qualification

- Certificate of XSeries Program “Business Principles and Entrepreneurial Thought”, (2020), Babson College, in collaboration with edX.
- Ph.D. in Structural Engineering: "Strategic Asset Management for Educational Buildings in Egypt", (2013), Faculty of Engineering, Cairo University.
- M.Sc. in Structural Engineering: “The Integration between Human Resource Management and Technology Implementation Management in Construction Firms”, (2008), Faculty of Engineering, Cairo University.
- Certificate of Project Management (2007), from Northumbria University, United Kingdom.
- Diploma of higher studies in Reinforced Concrete (July 2004), from Faculty of Engineering, Cairo University.
- B.Sc. (July 2001) in Civil Engineering, with an average rate of appreciation: Very Good from Faculty of Engineering, Cairo University.

Research Experience and Other Skills

20 years of experience in: project management, research and development, academic teaching, and professional training

- A member of the Egyptian Construction Management Code of Practice
- A member of the Egyptian Code of Practice of Recycling of Solid Waste and Reuse in Construction.
- A member of the technical committee of usage of materials and products of recycled construction and demolition wastes at Egyptian Organization for Standardization and Quality Control (EOS).
- Teaching different topics in project management in different universities,
- Developing and training for different courses in the field of project management
- Reviewer of researches submitted to different international journals
- Publishing research papers in local and international conferences and Journals.

- Participation in organizing a number of international scientific conferences
- Internal auditor for quality management system of HBNRC departments
- Participation in organizing a joint master's program between the center and the University of Alabama in the USA on sustainable engineering design and implementation
- Translation of scientific reports to different languages (French- English)

Research interests include: Sustainable construction management, Construction and demolition solid waste management, Infrastructure and Asset Management, Quality management systems, Human resource management and strategic management

The most important consulting work inside and outside the center

Participation in :

- Developing Action Plan for implementing Construction and Demolition Waste Management National Strategy in Egypt,
- CDW Quantification, Characterization & composition in 4 governorates (Kafr-El-Sheikh, Gharbeya, Quena, and Assiut) in Egypt
- Updating Egyptian standards to encourage use of recycled Construction and Demolition (C&D) Waste in manufacturing construction materials & Products,
- Development of public private partnership for Construction and Demolition (C&D) Waste Management project for “New Cairo City”
- Project management work for some national projects in cooperation with New Urban Communities Authority
- Evaluation of some projects to obtain the GPRS Green Pyramid.
- Preparation of HBNRC scientific and administration departments for ISO 9001 and ISO 17025 certifications
- Participated in audit committee to review the work of the administrators qualification to obtain ISO 9001 and the committee to assist in preparing quality guides and documents for center's laboratories for accreditation.
- Participation in different scientific and applied researches.
- Inspection and structural safety assessment of structures and Take off works
- A member of several committees at the Housing and Building National Research Center, including: the committee responsible of changing and implementing new organization structure for HBRC according to new regulations, the Committee for Planning and Implementation of e learning Programs, the Committee for Preparing the Implementation Plan for the Organizational Division of Human Resources, the Real Estate Appraisal Committee and the Project Management Office (PMO).