Khaled Abd El Fatah Mohamed Moussa

Professor of Library & Information Science · Knowledge & Digital Solutions Consultant — Mohammed Bin Rashid Al Maktoum Knowledge Foundation

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Scholar: scholar.google.com/citations?user=WeD0AcoAAAAJ

EDUCATION

- Ph.D., Library & Information Science — School of Information Sciences, University of Pittsburgh, USA · **2004**
  Thesis: "Merging Multiple Search Results Approach for Meta-Search Engines"
- M.S., Library & Information Science — University of Pittsburgh, USA · **2001**
- M.A., Library & Information Technology — Faculty of Arts, Cairo University · **1999**
- B.A., Library & Information Science — Faculty of Arts, Cairo University · **1995**

PROFESSIONAL EXPERIENCE

- Knowledge & Digital Solutions Consultant — Mohammed Bin Rashid Al Maktoum Knowledge Foundation, Dubai (current)
- Director, Dubai Digital Library & Knowledge Solutions — MBRF, Dubai (since Jan 2018)
- Professor, Dept. of Library & Information Science — Faculty of Arts, Fayoum University, Egypt (since 2014)
- Director, Egyptian Universities' Libraries Consortium (EULC) — Supreme Council of Universities, Egypt (since 2006)
- Director, Digital Library Unit & ICT Central Training — Electronic & Knowledge Services Center, Supreme Council of Universities, Egypt
- Assistant Professor / Visiting Scholar — Dept. of Communication & Information Science, Qatar University
- Metadata & Digital Librarian — University of Pittsburgh Digital Library Project (2000–2003)
- Cataloger — Hillman Library, University of Pittsburgh (2001–2003)

HONORS & AWARDS

- International Obada Prize in Multidisciplinary Sciences · **2022**
- Science Day Award for International Publishing — Fayoum University · **2016**
- Science Day Award for Promotion Excellency — Fayoum University · **2015**
- National Academy of Scientific Research & Technology Award (Knowledge Management & Informatics), Egypt · **2009**
- Arabian Advanced Systems Award — 14th Special Library Association Conference, Gulf Sector, Doha · **2008**

BOOKS & AUTHORED VOLUMES

1. **Knowledge Science: From Data to Measurements** — Qindeel Publishing, Dubai · **2025** AR
2. **Glimpses in Library & Information Technologies and Knowledge Management** — House 101 for Publishing, 134 pp. · **2025** AR
3. **Knowledge Markets: Dynamics, Challenges & Opportunities in the Digital Age** — Qindeel Publishing, Dubai AR
4. **Knowledge Representation & Digital Information Retrieval** — Qindeel Publishing, Dubai · **2019** AR
5. **Semantic Web Applications in Libraries & Information Institutions** — Dar El Mutanabi, Riyadh · **2016** AR
6. **Metadata: Theoretical Practices & Applications** (with M. F. Abd El Hady) — Dar El Masria El Lubnania · **2013** AR
7. **Merging Multiple Search Results Approach for Meta-Search Engines** — VDM Publishing Group, 204 pp. · **2009** EN
8. **How to Write & Publish a Scientific Research Paper** (translated) — Dar El Shorouk · **2009** AR

SELECTED JOURNAL & CONFERENCE PUBLICATIONS

1. "Evaluating federated search tools: usability and retrievability framework." *The Electronic Library*, 33(6): 1079–1099 · **2015**
2. "The Role of Digital Libraries in Egyptian Higher Education." *DOMES: Digest of Middle East Studies*, 18(2): 40–56 · **2009**
3. "Web usage mining analysis of federated search tools for Egyptian scholars." *Program: Electronic Library & Information Systems*, 42(4): 418–435 · **2008**
4. "The Impact of Metadata in Web Resource Discovering." *Online Information Review*, 30(2): 155–167 · **2006**

5 “Quantifying the ICT Needs of Academic Institutes Using the Service Category–Stakeholder Matrix Approach.” *Proc. ITI 6th Int’l Conf. on ICT*, Cairo, 107–113 · **2008**

6 “Professional Competencies of Electronic Publishing: A Reflection from the Arab World” (with M. Ali). *Int’l Journal of Library & Information Sciences*, 7 · **2020**

7 “Return on Investment Assessment for Electronic Journals Group Subscription through the EULC.” *22nd Conf. of the Arab Federation of Libraries & Information*, Beirut · **2010**

8 “Egyptian Universities Union Catalog.” *El-Fihrist*, 36: 29–105 · **2011**

MAJOR PROJECTS & CONSULTATIONS

- Egyptian University Digital Library (2007–2010)
- Automation of Egyptian Universities Libraries & EULC Union Catalog (2009–2013)
- Egyptian National Database for Theses & Dissertations
- Egyptian Universities Digital Repository (2013–2016)
- Supreme Council of the Egyptian Knowledge Bank (2014–2018)
- Ethraa Digital Library — Obikan, KSA (2016–2018)
- KSUP Digital Library — King Saud University (2017)
- Digital Library, National Management Institute, Egypt (2017–2019)
- Advisory Board — Springer, Wiley-Blackwell, ProQuest (2010–2015)
- National Scientific & Technical Information Center — KISR, Kuwait (2015–2018)
- Egyptian National Library (2014–2017)
- Open Access Journal Publishing Initiative (2015)

TEACHING & SUPERVISION

- Supervised ~15 graduate theses (5 doctoral, 10 master’s); examined 20+ theses. Reviewer, Supreme Council for Professor & Assistant-Professor promotions, Egypt.
- Graduate & undergraduate courses at Fayoum, Cairo, El-Minia, Ain Shams & Qatar Universities — Information Retrieval, Digital Libraries, Metadata & Machine Cataloging, Networking & Telecommunications, Research Methods.

TECHNICAL SKILLS

- Metadata & cataloging: MARC21, Dublin Core, indexing & abstracting; digital-library platforms (e.g. Greenstone).
- Web & programming: HTML, JavaScript, XML, CSS, PERL, ASP; C/C++, Visual Basic .NET; databases (MS Access, SQL); statistics with SPSS.