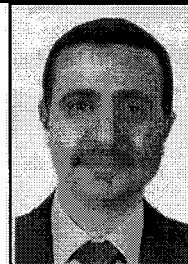




Curriculum Vitae

Personal Information

Name: Ahmed Fahmy Ahmed Youssef
Date of birth: 24-9-1968
Nationality: Egyptian



Profession

1. Associate Professor of Analytical Chemistry, Chemistry Department, Faculty of Science, Cairo University.
2. Manager of the Chemistry Laboratory at Cairo University Center for Environmental Hazard Mitigation (CEHM), National Air Pollution Monitoring Network of Egypt (Greater Cairo, New Urban Cities, Upper Egypt, Canal Area and Sinai) (EEAA (Egyptian Environmental Affairs Agency - Cabinet of Ministers), EIMP (Environmental Information and Monitoring Programme), DANIDA (Danish International Development Assistance), COWI (Consulting Engineers and Planners), NILU (Norwegian Institute for Air Research).
3. Projects Manager, Environmental Hazard Mitigation (CEHM) Center, Cairo University.
4. Member of the Egyptian Society of Analytical Chemistry Council, Faculty of Science, Cairo University, since 2011.
5. Member of the scientific group of e-learning program, Faculty of Science, Cairo University.
6. Consultant for Energy Research Center, Faculty of Engineering, Cairo University.

Addresses and Contacts

Mailing Address: (1). Chemistry Department, Faculty of Science, Cairo University, Giza, Egypt.
(2). Cairo University, Environmental Hazard Mitigation Center, New Chemistry Department Building at Faculty of Science 11221, Giza, Egypt

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2020/11

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Qualifications

Scientific Degrees: Ph.D. (Analytical Chemistry) 15/11/1999
M. Sc. (Analytical Chemistry) 1994
B. Sc. (Honor) 1990

Title of the Ph.D.: Analytical Applications of Atomic Spectrometry for Determination of Some Pharmaceutical Compounds Using Some Metal Complexes.

Title of the M. Sc.: Studies on some Azoxine S Azo-dyes.

Professional Career

- Associate Professor of Analytical Chemistry, Chemistry Department Faculty of Science, Cairo University (Since July 2007).
- Associate Professor of Analytical Chemistry, Faculty of Dentistry, October University for Modern Sciences and Arts (Since 2006).
- Lecturer (Analytical Chemistry), Faculty of Science, Cairo University (2000-2007).
- Assistant Lecturer (Analytical Chemistry), Faculty of Science, Cairo University (1994-1999).
- Demonstrator (Analytical Chemistry), Faculty of Science, Cairo University (1994-1992).
- Demonstrator (Analytical Chemistry), Faculty of Education, Cairo University (1992-1991).
- Research Assistant in National Research Center (1/7/1990-30/12/1990).

Training, Workshops and Scientific Mission

Workshop (Cairo): “*Chemical Safety and Security Officer Train-the Trainer Workshop*” Organized by Federation Egyptian Industry, Environmental Compliance Office and Sustainable Development (ECO)& Chemical Security Management Program (6-10 April 2014).

Workshop (Malaysia): “*FEI-ECO Responsible Care Capacity Building Workshop*” Organized by Federation Egyptian Industry, Environmental Compliance Office and Sustainable Development (ECO)& Chemical Security Management Program (9-10 December 2013).

Workshop (Malaysia): “FEI-ECO Responsible Care Awareness Workshop” Organized by Federation Egyptian Industry, Environmental Compliance Office and Sustainable Development (ECO)& Chemical Security Management Program (11-13 December 2013).

Workshop (Cairo): “Chemical Safety and Security in Industrial Sectors Workshop” Organized by the US Department of State in cooperation with Federation of Egyptian Industries, Environmental Compliance Office and Sustainable Development, Egypt, (February. 2013).

Workshop (Cairo): “Responsible Care/Global Products Strategy Workshop” Organized by Federation Egyptian Industry, Environmental Compliance Office and Sustainable Development (ECO) (12-13 November 2012).

Scientific Meeting (Syria): “The Higher Counsel of the Arab Union of Chemistry” Organized by The Syrian Society of Chemistry, Syria (20-22 April 2010).

Workshop (Cairo): “Regional Workshop for Management of Electronic and Electric Wastes in Arabic Region” Organized by Basel Convention Regional Center for Training and Technology Transfer for the Arab States in Egypt, BCRC-Egypt, (15-17 December 2009).

Workshop (Cairo): “Twinning Project EG07/AA/EN10 - Development of Integrated Hazardous Substances and Waste Management Systems - Integrated Pollution Prevention and Control IPPC and Reference Documents BREF related Waste”. Organized by the Egyptian Environmental Affairs Agency (EEAA) and Bundesministerium für Umwelt, Naturschutz und Reaktorsicherheit, (22 November 2009).

Workshop (Cairo): “Joint Workshop of the Rotterdam and the Stockholm Conventions for Effective Participation in the Review Committees’ Work-CRC and POPRC”. Organized by Stockholm Convention on Persistent Organic pollutants; Rotterdam Convention on the prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade and Basel Convention Regional Center for Training and Technology Transfer for the Arab States in Egypt, BCRC-Egypt, (17-19 November 2009).

Workshop (Cairo): “International Workshop on Nuclear Science and Education-Assessing the need and rational for creating a university based education nuclear science center in Egypt” Organized by Cairo University in cooperation with the Egyptian Academy of Science and Technology, Egypt, (17-19 March 2009).

Workshop (Cairo): “Chemical Safety and Security Workshop” Organized by the US Department of State in cooperation with the Egyptian Society of Analytical Chemistry, Egypt, (8 Jan. 2009).

Workshop (Cairo): “The Regional Workshop on the Hazardous Waste Legislation, Enforcement Mechanisms” Organized by Basel Convention Regional

Center for Training and Technology Transfer for the Arab States in Egypt, BCRC-Egypt, (10-12 November 2008).

Scientific meeting (Oslo–Norway): “MegaCITY - Zoom for the Environment, CITYZEN” Oslo (2-6 November, 2008).

Workshop (Cairo): “Sound Management of Hazardous Chemical Substances – Regional Environmental Management Improvement Project in Egypt” Organized by Japan Intentional Cooperation Agency (JICA) and the Egyptian Environmental Affairs Agency (EEAA), Cairo (June 2008).

Training Course (Cairo): Faculty and leadership Development project “E-learning” (June 2006).

Training Course (Cairo): Faculty and leadership Development project “Credit hours” (May 2006).

Workshop (Cairo): “Development of a National Plan for Applying the International Strategy in Chemicals Management” (SAICM), Cairo (August 2006).

Workshop (Cairo): “Hazardous Waste Characterization by the TCLP Analysis”, by the Egyptian Environmental Affairs Agency (EEAA), Maadi, (November 2006).

Training Course (Cairo): Faculty and leadership Development project “Design of scientific presentation” (June 2005).

UNISCO Workshop (Khartoum): “Open Source Software in Courseware Development and Management”, Sudan University for Science and Technology” (Khartoum 1-15 December 2004).

Workshop (Germany): “Workshop for young scientists from Arab speaking countries”, Ulm University, Ulm, Germany (2002).

Scientific mission (USA): University of Massachusetts, Amherst, USA, (2001).

Workshop (USA): “Safety in Chemistry Laboratories and Waste Management” University of Massachusetts, Amherst, USA, (2001).

Training Courses (Japan): Catalytic science course (Catalytic Research Center, CRC), Sapporo, Hokkaido University, Japan (1998).

Scientific Awards

1. A Poster Prize “Eights International Symposium on New Trends in Chemistry and Second Congress of the Federation of African Societies of Chemistry (FASC)” – “Chemistry and National Development” (3-7 Jan. 2009).

2. Cairo University Encouragement Award for Basic Science (June 2007).
3. A Poster Prize "Sixth International Symposium on New Trends in Chemistry Analytical Chemistry and Society" (Jan. 2003).

Memberships in National and International Societies

- Egyptian Society of Chemistry.
- Egyptian Society of Analytical Chemistry.
- Japan Society of Chemistry.
- Editorial Board of the Egyptian Journal of Analytical Chemistry, published by the Egyptian Society of Analytical Chemistry (2004-uptill now)
- Reviewer for "Spectrochimica Acta: Part A" Journal Published by ELSEVIER Science limited.
- Reviewer for "Environmental Monitoring and Assessment Journal" Published by Springer.

Research Experience

- Air sampling and analysis for the different types of pollutants.
- Water and wastewater analysis including speciation of metals in both water, sediment and soil samples.
- Application of the electroanalytical techniques, specially the chemically modified carbon sensors, for analysis of the heavy metals in airborne particulate matter (TSP and PM₁₀).
- Pharmaceutical analysis applying, UV-visible spectrophotometry, atomic absorption and conductimetric techniques.
- Pharmaceutical analysis applying, PCV ion-selective electrodes and carbon past electrodes.
- Speciation of toxic elements in natural water using on-line flow injection liquid-liquid extraction and graphic furnace.
- Analysis of trace elements in different types of samples applying Atomic spectroscopic techniques.
- Cyclic Voltammetric analysis and its application in the determination of the reaction mechanisms at the gold electrode surface.