# BIOGRAPHICAL RESUME




## Dr. Ahmed Mohamed Ahmed Abdel-Azeem

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Date of Birth: November 15, 1965
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Address: Omar Makram Street, Shabab October Buildings, Elsalam Building, Entry C, Flat 12, Port Fouad 42534, Port Said, Egypt.
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| | All | Since 2021 |
|---|---|---|
| Citations | 4331 | 3652 |
| h-index | 33 | 30 |
| i10-index | 88 | 70 |

I am currently working as a professor of microbiology (mycology) for Botany and Microbiology Department, Faculty of Science, Suez Canal University at Ismailia and mycologist with particular interest in the ecology, taxonomy, biology, and conservation of fungi, and my specialist interest is members of the phylum *Ascomycota*. My research includes isolation, identification and taxonomic assessments of these fungi with particular emphasis on those which produce bioactive materials from different ecological habitats.

I graduated from the Botany Department, Faculty of Science, University of Suez Canal in 1987 with an honors degree graded as excellent. In 1997, I obtained my master's degree with a dissertation on cytogenetical and biological studies of fungus *Chaetomiopsis dinae*, and my PhD thesis, awarded in 2003, focused on the ecology, distribution, and substratum preferences of the *Ascomycota* in Egypt. In 2010, I published a full review of the history of mycology in Egypt, together with a checklist of 2281 species of fungi for the country, and an assessment of future perspectives for mycology in Egypt. Until that review, information about fungi from Egypt had been fragmentary and highly dispersed in many often obscure and difficult to obtain publications. The checklist greatly increased the number of fungi recorded from the country and, significantly, is the first fully documented checklist of fungi for any country in the Arabic speaking world.

Most recently I have become interested in the effect of climate change on fungi, especially the impacts of ultraviolet light on leaf and soil fungi. For my post-doctoral research, I got EOL fellow in 2011 and used my experience in taxonomy, ecology, biology, and conservation of fungi to document the Egyptian *Ascomycota* by establishing 265 EOL-compatible web pages, each relating to a different non-lichen-forming ascomycete species known to occur in Egypt.

I have the necessary vision combined with proven experience leading and successfully completing complex and ambitious projects. I founded and now lead the Arab Society for Fungal Conservation [www.fungiofegypt.com/ASFC.html], which represents the International Society for Fungal Conservation regionally, and Executive Committee member of International Mycological Association (IMA). I contributed the Egyptian component for fungi in the Encyclopedia of Life. I am a member of the IUCN Species Survival Commission's Specialist Group for Cup Fungi, Truffles and their Allies and IUCN Commission on Education and Communication.

I have authored publications about fungal conservation and organized international meetings on the subject. I have a mycology PhD and tenure as a full Professor of Mycology at Suez Canal University. Also I'm affiliated professor at the Research Institute of the University of Bucharest (ICUB), Romania and affiliated researcher at The Centre for Mineral Biogeochemistry, Faculty of Natural and Agricultural Sciences, the University of the Free State, South Africa.

## Honors

- The third position in the El-Sheikh Abdullah El-Moubarak El-Sabah prize for Arabic young scientists (1991)
- University of Suez Canal Award for Scientists (2004).
- Honorary membership from Bibliotheca Alexandria, Egypt (2005).
- Dr. Ahmed Askar Prize for the most applicable research, University of Suez Canal (2008).
- The Effective International Publication Prize, Suez Canal University (2008).
- The Effective International Publication Prize, Suez Canal University (2010).
- EOL FELLOWSHIP (2011-2012).
- PRESIDENT'S AWARD FOR FUNGAL CONSERVATION, TURKEY (2013).
- The Effective International Publication Prize, Suez Canal University (2015).
- The Effective International Publication Prize, Suez Canal University (2016).
- The Effective International Publication Prize, Suez Canal University (2017).
- The Effective International Publication Prize, Suez Canal University (2018).
- The Effective International Publication Prize, Suez Canal University (2019).
- The Effective International Publication Prize, Suez Canal University (2020).
- The Effective International Publication Prize, Suez Canal University (2021).
- The Effective International Publication Prize, Suez Canal University (2022).
- The Effective International Publication Prize, Suez Canal University (2023).
- The Effective International Publication Prize, Suez Canal University (2024).
- The Editing of International Books Prize, Suez Canal University (2024).

## Membership

1- European Mycologist Association (EMA).
2- International Mycological Association (Executive Committee Member) (IMA).
3- Mycological Society of America (MSA).
4- International Society for Fungal Conservation (Representative of Middle East and North of Africa).
5- Member in Ascomycete Conservation Specialist Group (IUCN).
6- Egyptian Society of Microbiology.
7- Egyptian Society of Botany.
8- Egyptian Society of Natural Toxins.
9- Egyptian British Biological Society.
10- The Egyptian Society for Environmental Sciences.
11- Egyptian Society of Applied Microbiology.
12- The Society of Basic and Applied Mycology.
13- Board member in Balady Association (NGO) for Environment Protection.
14- Member in Port Fouad family and child care Association (NGO).
15- Chairman of community and Environment Services Society in Saint Katherine (http://saintkatherinecenter.blogspot.com)
16- President and founder of Arab Society for Fungal Conservation (http://fungiofegypt.com/ASFC)
17- President and founder of Pan Arab Mycologists (PAM).
18- President of African Mycological Association (AfriMA).

## Local and international Projects

1- PI of "Community and environmental Services center in Saint Katherine' international project funded by European Union: EuropeAid/123879/C/ACT/EG funded by 120000 EU.
2- Head of Mycology team work of OPERATION WALLACEA in Egypt (2005-2007).
3- Consultant of mycotaxonomy in BioMap project in EEAA (2005-2007) (www.biomapegypt.org/contact.html)

4- PI of Mycobiota producing toxins in spices & medicinal plants project funded by Suez Canal University (2005-2007).
5- Head of Microbiology team work of international project between University of Lund (Sweden) and University of Suez Canal on environmental impacts of pollution in Lake Manzala.
6- Member in the International project of wood deterioration of Egyptian woody monuments (2008-2010).
7- A member in the project of microbial degradation of archaeological wood in University of Helsinki, Finland (http://drsteffen.fungi.fi/idam)
8- Encyclopedia of Life Fellowship – USD 8,000 – Started in February 2011 to July 2012. (**http://eol.org/info/175**)
9- Head of research team of Fungi deteriorating Cheops second Boat with Waseda University and Supreme Council of Antiques (From June 2012 to October 2012).
10- A team member in The Mohamed bin Zayed Species Conservation Fund for conservation of truffles (from 2012 to 2013).
11- Head of mycology team in Abydos Middle Cemetery Project funded by Kelsey Museum-Michigan University (from March 2013 till February 2014) (http://forestpathology.cfans.umn.edu/publications.htm).
12- PI of the Project Number: 14258506-USD 20,000. The Mohamed bin Zayed Species Conservation Fund for Conservation of Egyptian Fungi started in May 2014 to May 2016 titled: "Saving the forgotten kingdom: A strategy for the conservation of Egyptian Fungi".
13- STDF- Short term fellowship (2014), PI of Project Number: 12295- USD 25,000 – Started in September 2014 to June 2017 titled" Identification and bioprocessing using Chaetomium and other little know fungi from Egypt to assess their bioprocessing potentialities".
14- National Geographic Society Fund – USD 3,315 (GRANT #9892-16)- March 2016 to May 2017 titled: 'Decay of Historic and Archeological Wood of Al-Aqsa Mosque, Jerusalem".
15- TWAS Event Support grant- USD 2,400 (16-079 SM/AF/AC/B – FR 3240289296)- April 2016 to March 2017.
16- DAAD Event Support Grant – EU 1500- June 2016 to October 2016.
17- PI of the project titled" Climate Change and Basidiomycetes of the Nile Delta"- 100,000 EGP - funded by Alexandria Research Center for Adaption, Alexandria University Started in October 2017 till October 2019.
18- PI of the Project Number: 182517752- USD 13,000. The Mohamed bin Zayed Species Conservation Fund for Conservation of Egyptian Fungi- Started in September 2018 to September 2020 titled: 'Red List of Threatened Larger Fungi and Conservation of their Habitats in Nile Delta, Egypt".
19- IMA travel Grant – 1500$- July 2018.
20- COMSTECH Conference support grant, 3500$- October 2018.
21- PI of the Project - EGP 200,000. Academy of Scientific research and Technology- Bilateral Project with CNR Italy. Started in May 2019 to April 2021 titled" Biological Evaluation of extremophilic Chaetomium species for the production of metabolites for food and pharmaceutical uses".
22- PI of the Project Number: 34837 – EGP 200,000. Science and Technology Development Fund (STDF) - Research Support Grant (2019). Started in November 2019- October 2020 titled "Bioprospecting enhanced endophytic fungi for sustainable production of tomato in Egypt: Abiotic stress-related defense".
23- PI of the Project Number: 42525– Euros 150,000. Science and Technology Development Fund (STDF) - Egyptian-Spanish Joint Programme of Co-operation on Industrial Research and Development. Started in May 2020- April 2022 titled "EgyBio©:Bioprospecting endophytic fungi for development of novel biostimulants for plant protection in added-value cucurbitaceous crops in the Mediterranean region".

## Guest Professor and International Expert

1- Jordan University of Science and Technology, Amman, Jordan (27-28 February, 2013).
2- University of Michigan, Kelsey Museum, US. ( 29-31 January 2014).
3- University of Minnesota, Plant pathology Department, Forest Pathology Laboratory, US (1– 8 February 2014).
4- Universitatea Alexandru Ioan Cuza, Iasi, Romania, Erasmus Mundus - Al Idrisi II (1 April – 30 April 2015).
5- University of Minnesota, Plant pathology Department, Forest Pathology Laboratory, US. (1 May – 1 September 2016).
6- University of Torino, Italy (25 January – 15 February 2020).
7- University of Perugia, Italy (7– 8 February 2020).
8- University of Torino, Italy (1 May – 9 May 2022).
9- University of Parma, Italy (13 May – 15 May 2022).
10- University of Perugia, Italy (16 May – 17 May 2022).
11- University of Bari, Italy (18 May – 22 May 2022).
12- University of the Free State, South Africa (29 August – 5 Sep 2022).
13- The University of Applied Sciences and Arts of Southern Switzerland (SUPSI) (4-14 June 2023).
14- The University of Bucharest, Romania (1/08- 30/10 2024).
15- The University of Bucharest, Romania (05/03/2025- 04/11/2026)
16- The University of Mai Fung Lai, Thailand (01/04-30/04/2025).
17- University of Torino, Italy (7 - 20 June 2025).

## Languages

| | Can Converse | | Can Read | | Can Write | |
|---|---|---|---|---|---|---|
| | Fluently | Passably | Fluently | Passably | Fluently | Passably |
| English | ✓ | | ✓ | | ✓ | |
| Spanish | | ✓ | ✓ | | ✓ | |

## Training Courses

| Field of Study | Dates | Language/Place of Instruction |
|---|---|---|
| **Spanish language course** | **2000-2001** | **Spanish, El-Centro de Cervantes, El-Cairo, Egipto.** |
| **Thinking Skills (FLDP)** | **16 May 2005** | **University of Suez Canal, Egypt.** |
| **Quality assurance program (FLDP)** | **12-13 June 2006** | **University of Suez Canal, Egypt.** |
| **Credit hours system program (FLDP)** | **19-20 June 2006** | **University of Suez Canal, Egypt.** |
| **Horizon 2020 Capacity Building Workshop** "Revisiting Mediterranean University Curricula: are the H2020 priority areas appropriately reflected?" | **12-16 December 2011** | **University of Athens, Greece.** |
| **Horizon 2020 Capacity Building Workshop** "Minimizing the Marine litter in the Mediterranean". | **21-23 May 2012** | **University of Gothenburg, Sweden.** |
| **Horizon 2020 Capacity Building Workshop** | **22-23 October 2012** | **University of Athens, Greece.** |

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|---|---|---|
| "How Members of Parliament can better contribute to the effective depollution of the Mediterranean". | | |
| **Regional activity of SWIM-H2020 SM on Marine litter Monitoring and Management.** | **24-25 October 2018** | **University of Athens, Greece.** |
| **Fungal conservation in Malta** | **18 November 2018** | **University of Malta, Malta** |

**Supervision of M. Sc. theses:**

**Running M. Sc.**

- Antimicrobial Activity of Culturable Endobiontic Fungi Residing Lichens and Lower Plants (2021).
- Assessment of Endophytic Fungi Hosted in Anti-Diabetic Medicinal Plants as a Source of α-Amylase and α-Glucosidase Inhibitors in Vitro (2021).

**Awarded M. Sc.**

- Isolation, characterization and biological activity assessment of secondary metabolites produced by marine-derived fungi isolated from invertebrates and seaweeds of Mediterranean coast at Alexandria (2010).
- Ecological and Taxonomical Studies on Genus *Eurotium* in Egypt (2014).
- Screening of Anti-cancer Metabolites Produced by Endophytic Fungi of Some Medicinal Plants in Saint Katherine Protectorate (2014).
- Isolation and Characterization of Microbiota Inhabiting Al-Aqsa Mosque, Al-Quds, Palestine (2014).
- Anti-inflammatory Effects of Endophytic Fungal Extracts of Some Medicinal Plants on Rheumatoid Arthritis Rat Model (2015)**.**
- Extracellular Biosynthesis of Silver Nanoparticles by Endophytic Fungi of Some Egyptian Medicinal Plants as Compared to Synthetic Silver Nanoparticles (2016).
- Evaluation of the Curative Probability of Bioactive Metabolites from Endophytic Fungi Isolated from Some Medicinal Plants Against Paracetamol-Induced Liver Injury in Rats (2017).
- Evaluation of metal biosorption activity by fungi isolated from Lake Manzala (2017).
- Bioprospecting Endophytic Fungi to Enhance the Abiotic Stress Tolerance of Tomato in North Sinai (2022).
- Physiological Effect of Some Egyptian Fungal Metabolites: A Comparative Study (2023).

**Awarded Ph.D Theses**

- Characterization of L-Asparaginase Produced by Some Egyptian Endophytic Fungi and its Antileukemic Properties
  (2020).

**Expert:**

- Consultant of Microbial taxonomy, ecology and physiology since 2007 till now.
- Environmental Science and biology expert (2010-2011), Port Said American School, Cairo, Egypt.
- General Secretary of the First International Conference on Fungal Conservation in the Middle East and North of Africa, Ismailia, Egypt, 18-20 October 2016.
- Chief Editor of Microbial Biosystems (The International Scientific Journal of Microbial Biology) the official journal of Arab Society for fungal Conservation. (https://mb.journals.ekb.eg/ ) indexed in Scopus.
- Chief Editor of Frontiers in Scientific Reports (International Journal of Science, Engineering and Medicine) the official journal of Arab Society for fungal Conservation. (https://fsr.journals.ekb.eg/).

- Reviewer in Polish Academy of Science.
- Reviewer in many local and international journals.
- Founder of Suez Canal University Fungarium (http://www.wfcc.info/ccinfo/collection/by_id/1180).
- General Secretary of the First International Conference on Fungal Conservation in MENA, 18-20 October 2016, Suez Canal University, Ismailia, Egypt (http://fungiofegypt.com/Conference/2016/)
- General Secretary of the Second International Conference on Mycology in MENA, 16-18 October 2018, Suez Canal University, Ismailia, Egypt (http://fungiofegypt.com/Conference/index.html)

**Attendance of Local and International Conferences**

- Biological Diversity Symposium, Madrid-Spain (1991).
- Pesticides and Environmental Contaminants in Water and Food. German Egyptian Conference, Ismailia, Egypt (1995).
- Third International conference of the Egyptian British Biological Society under the title "Biological Interactions", Environmental Research Center, Saint Katherine, Suez Canal University, 3-5 September 2004, South Sinai, Egypt.
- 1st International conference on Natural toxins, 6 October University –Egypt, 18- 19 December 2004.
- Fourth International Conference of Maadi Cultured Association "A clean glass of water 2005", Cairo Culture and Environment House, 6-8 September 2005 – Cairo, Egypt.
- Second International Conference of The Egyptian Society for Environmental Sciences under the title "The Role of Genetics and Biotechnology in Conservation of Natural Resources", 9-10 July 2007 Ismailia – Egypt.
- Sixth International Conference of Maadi Cultured Association "A clean glass of water 2007", Cairo Culture and Environment House, 30-31 October 2007 – Cairo, Egypt.
- Seventh International Conference of Maadi Cultured Association "A clean glass of water 2008", Cairo Culture and Environment House, 21-22 October 2008 – Cairo, Egypt.
- Sixth International Symposium on Ecosystem Behavior (BIOGEOMON), 29 June-3 July 2009, at the University of Helsinki, Finland.
- First International Conference of Basic and Applied Mycology, 9-11 March 2010, at the University of Assiut, Egypt.
- Sixteen Congress of European Mycologist, 19-23 September 2011, Porto Carras on the Sithonia peninsula, Greece.
- BioVision Alexandria 2012 Conference "New Life Sciences: Linking Science to Society", 22-25 April 2012, Participated at Poster Session at the Bibliotheca Alexandrina.
- Second International Conference of Physiological, Microbiological and Ecological Plant Sciences, PMEPS II – 2012, 29th - 30th April 2012, Minia, Egypt.
- TWAS-ARO 8th Annual Meeting "The Role of Science, Engineering and Technology in Achieving Sustainable Human Development in the Arab Region", 30-31 December 2012, at the Bibliotheca Alexandrina, Alexandria, Egypt.
- First young reashersher conference, Suez Canal university, Ismailia, 6-7 march 2013.
- Third International Congress on Fungal Conservation, Akyaka, Mugla, Turkey, 11-15 November 2013.
- BioVisionAlexandria 2014 Conference "New Life Sciences: The Next Decade", 7-9 April 2014, Participated at Poster Session at the Bibliotheca Alexandrina.
- The Six International Conference of the ESES, Ismailia, Egypt, 2-4 February 2015.
- The Third International Conference on Microbial Diversity, Perugia, Italy 27-29 October 2015.
- The First International Conference on Fungal Conservation in the Middle East and North of Africa, Ismailia, Egypt, 18-20 October 2016.
- The 11 International Mycological Congress (IMC 11), Puerto Rico, USA, 16-21 July 2018.
- The Second International Conference on Mycology in the Middle East and North of Africa, Ismailia, Egypt, 16-18 October 2018.

- The 18th European Mycologists Conference, Warsaw, Poland, 16-21 September 2019.
- The 19th European Mycologists Conference, Perugia, Italy, 3-9 September 2023.
- The 2nd International Microorganism Day- Bucharest University, Romania 17 September 2024.
- The 1st International Microorganism Day- Egypt 2024, Egypt 20 September 2024.
- The 5th IUCN Species Survival Commission Leaders' Meeting, 23-28 October 2024, Abu Dhabi, United Arab Emirates.
- The 15th National Conference on Biodiversity, 2nd International Conference on Mediterranean Biodiversity, June 3-6, 2025, University of Perugia, Italy.
- The 2nd International Microorganism Day- Egypt 2025, Egypt 20 September 2025.

**Attendance of workshops and training courses (some examples)**

- Workshop titled as "Writing a Funding Proposal" organized by Friedrich Ebert Foundation, 20-21 September 2005, Port Said, Egypt.
- E-learning Training Programmme for Integrated Coastal Zone Management (Arab -Medopen) – 1 October 2007 – 10 Jan 2008.
- Towards an integrated approach for wastewater treatment and reuse in the Mediterranean region organized at Suez Canal University, 15-17 December, 2008 within the 6th Framework Program, Coordination Action Project INNOVA-MED.
- Eleventh workshop organized by the Assiut University Mycological Center (AUMC) under the title: Biodiversity of genera and species of fungi which deteriorate food materials with special attention to toxigenic and human, animal and plant pathogenic species, 7-11 March, 2009.
- Thirteenth workshop organized by the Assiut University Mycological Center (AUMC) under the title: Molecular Identification of fungi, 6-8 March, 2010.
- First workshop titled as "Mycotoxins, problem and solutions" at Faculty of Veterinary Medicine, Suez Canal University, 12 December 2010, Ismailia, Egypt.
- First workshop titled as "Fungi in the 21st century" at Faculty of Science, Suez Canal University, 19 December 2010, Ismailia, Egypt.
- EOL Executive Committee (Fall Meeting) 9-10 October 2011, Bibliotheca Alexandrina.
- Workshop organized by UNESCO, under the title: Role of women in sustainable development, 10-13 October 2011, Cairo, Egypt.
- Horizon 2020 Capacity Building Workshop: "Revisiting Mediterranean University Curricula: are the H2020 priority areas appropriately reflected?", 12-16 December 2011, Athens, Greece.
- Horizon 2020 Capacity Building Workshop: "Minimizing the Marine litter in the Mediterranean", 21-23 May 2012, Gothenburg, Sweden.
- Horizon 2020 Capacity Building Workshop: "How Members of Parliament can better contribute to the effective depollution of the Mediterranean", 22-23 October 2012, Athens, Greece.
- Eu-Jordan Networking in renewable Energy and Energy Efficiency, Amman, Jordan 27-28 February 2013.
- "Assessing the Global Conservation Status of Fungi" workshop, 16 July 2018, 11th International Congress, Puerto Rico.
- "The 2nd Mediterranean Plant Conservation Week". University of Malta, La Valeta, Malta. 12-16 November 2018.
- SWIM-H2020 SM Regional Training on "Marine litter monitoring and management", 24-25 October 2018, Athens, Greece.

**Participation in workshops and training courses**

- Workshop titled as "Water biological contaminants and their effects on the environments and Health", at Suez Canal University, Faculty of science, Toxicology and Micro-analytical Research Unit, 29 January- 3 February 2005, Ismailia, Egypt.
- Workshop titled as "Isolation and identification of mycobiota from different habitats in Ashtoum El-Gamil Protectorate", at Ashtoum El-Gamil Protectorate, 25-30 July 2007, Port Said, Egypt.

- Workshop titled as "Environmental Rights", at Community and Environmental Services Center in Saint Katherine, 7th of August 2008, Saint Katherine, South Sinai, Egypt.
- Workshop titled as "Cultivation and Production of Mushroom", at Port Fouad Baby and Family Care Society, 29 April-28 May 2009, Port Said Egypt.
- Workshop titled as "Biodiversity and Fungal Conservation' at Faculty of Science, Mansoura University (Damietta Branch) 3rd December, 2011.
- Workshop titled as "Understanding and Control of Deterioration Processes in Ancient and Historic Monuments" at Egyptian Museum, Cairo, 4th of December 2011.
- Workshop titled as "Cultivation and Production of Mushroom", at Botany Department, Faculty of Science, University of Suez Canal, Ismailia, 5th December 2011.
- Second workshop organized by Faculty of Science, Suez Canal University, under the title: Biodiversity and Conservation of fungi (Medical fungi A case study), 25-26 February 2012, Ismailia, Egypt.
- Third workshop organized by Desert Research Center under the title: Biodiversity and Conservation of fungi (Mycorrhizae: the underground secret), 9-10 March 2013, El-Sheikh Zewayd, Egypt.
- Fourth workshop organized by Red Sea Protectorates under the title: Biodiversity and Conservation of fungi (Marine fungi A case study), 19-20 March 2014, Hurghada, Egypt.

For more details on workshop attended or participated in as a presenter please check the following link: http://fungiofegypt.com/Abdel-Azeem.html

**Other activities**

**Some examples of speech in many conferences and meetings:**

- In 27 April, 2004 a lecture titled: "finger printing the fungal community" in biotechnology Research unit, Suez Canal University.
- In 10 August, 2004, a lecture in the conference of Balady association about food contamination and water pollution
- In 14 September, 2004 a presentation titled: food contamination with special reference to mycotoxins in Suzan Moubarak Scientific Exploratory Centre (SMSEC) center at Cairo.
- In 14-15 March, 2005, two presentations in the conference of Balady association on air and fresh water pollution by microorganisms.
- A clean glass of water conference, 6-8 September 2005 – Cairo, Egypt. " The Role of NGOs in confront the water pollution (Port Said, a case study).
- In 19 April 2006, presentation on the Role of NGOs in confronts the water pollution (Port Said, a case study) in Nile Basin initiative forum, Port Said.
- In 15th of March 2006, presentation on Decolorization of dye wastewaters by fungi, in Industrial waste-water treatment conference, Port Said.
- In 4th of June 2006, Port Said Cultural House, on The Desert and Desertification.
- In 7-11th June 2006, Hapi Centre for Environmental rights, Principle speaker on the Role of NGOs in confront the water pollution (Port Said, a case study).
- A clean glass of water conference, 30-31st October 2007 – Cairo, Egypt. " The role of Community and environmental Services Center in Saint Katherine in solving the existing water problems".
- "Fungi outcome during two years of OPWALL activities". British council closing ceremony of OPWALL activities (2006-2007) in 28/01/2008, Cairo, Egypt.
- Speaker in a workshop titled: "Understanding and Control of Deterioration Processes in Ancient and Historic Monuments" at Bet Al-Senary, Cairo, 23rd of November 2011.
- Speaker in a workshop titled: "Biodiversity and Fungal Conservation' at Faculty of Science, Mansoura University (Damietta Branch) 3rd December, 2011.
- Speaker in a workshop titled: "Understanding and Control of Deterioration Processes in Ancient and Historic Monuments" at Egyptian Museum, Cairo, 4th of December 2011.

- Speaker in a workshop titled: "Air quality and green building' at Association of Enterprises For Environmental Conservation, Cairo 22nd January, 2012.

**Special issues editor and/or co-editor**

1- Guest Associate Editor in Frontiers in Microbiology SI "Bioactive Compounds with Potential Medicinal Properties Derived from Fungi: Recent and Future Developments in Microbial Biotechnology" https://www.frontiersin.org/research-topics/16850/bioactive-compounds-with-potential-medicinal-properties-derived-from-fungi-recent-and-future-develop
2- Guest Editor in Frontiers in Fungal Biology SI" Fungal Biotechnology for Agricultural Sustainability". https://www.frontiersin.org/research-topics/19563/fungal-biotechnology-for-agricultural-sustainability
3- Guest Editor in Biology Journal (MDPI) SI "Biology of Hidden Partners: Fungi and Plants". https://www.mdpi.com/journal/biology/special_issues/BOHPFAP
4- Guest Editor in Journal of Applied Biology & Biotechnology SI on "Microbes for Agricultural and Environmental Sustainability". https://jabonline.in/cms/php/announcement_pdf_image/18_pdf.pdf
5- Guest Editor in Microbiology Research Journal (MDPI) SI' Recent Advances in Extremophilic Microbiota: Microbiology and Biotechnology". https://www.mdpi.com/journal/microbiolres/special_issues/P9TR7Q16C6
6- Guest Editor in Microbiology Research Journal (MDPI) SI' Endophytic Fungi as a Hidden Treasure for the Biological Control of Plant Pathogens". https://www.mdpi.com/journal/microbiolres/special_issues/04W7C66649
7- Guest Editor in Frontiers in Microbiology SI "Advances in Using Molecular Techniques for the Taxonomy of Ascomycetes and Basidiomycetes". https://www.frontiersin.org/research-topics/60609/advances-in-using-molecular-techniques-for-the-taxonomy-of-ascomycetes-and-basidiomycetes

**Publications:**

**Master and PhD Theses**

1- **Abdel-Azeem, A. M.** (1998). Cytogenetical and Biological Studies on the fungus *Chaetomiopsis*. M. Sc thesis, Faculty of Science, Suez Canal University, Egypt**.**
2- **Abdel-Azeem, A. M.** (2003). Ecological and Taxonomical Studies on Ascospore-Producing Fungi in Egypt. Ph. D thesis, Faculty of Science, Suez Canal University, Egypt.

**Abstracts**

1- Kamel, A. K**.** and **Abdel-Azeem, A. M.** (1995). Water hyacinth and water pollution in Ismailia Governorate (P. 287). Pesticides and Environmental Contaminants in Water and Food. German Egyptian Conference, Ismailia, 6-7 Feberaury, 1995, Abstract book: 287.
2- **Abdel-Azeem, A. M.** (2005). The role of NGOs in confronting of water pollution (Port Said Governorate: A Case Study). Fourth International Conference of Maadi Cultured Association "A clean glass of water 2005", Cairo Culture and Environment House, 6-8 September 2005 – Cairo, Egypt, Abstract book: 37.
3- Abdel-Azeem, A. M. (2007a). The role of Community and Environmental Services Center in Saint Katherine in solving the existing water problems. Sixth International Conference of Maadi Cultured Association "A clean glass of water 2007", Cairo Culture and Environment House, 30-31 October 2007 – Cairo, Egypt, Abstract book: 15-16.
4- Abdel-Azeem, A. M. (2007b). Operation Wallacea in Egypt. I- Mycobiota of Wadi El-Arbaien, Saint Katherine Protectorate of South Sinai, Egypt. Second International Conference of the Egyptian Society for Environmental Sciences under the title "The Role of Genetics and Biotechnology in Conservation of Natural Resources", 9-10 July 2007 Ismailia – Egypt, Abstract book: 52.
5- **Abdel-Azeem, A. M.,** Abdel-Moneim, T. S.; Saleh, M. Y., Balbol, B. A., Mohamed, A. H., El-Sayed, A. A. and Amin, H. F. (2008). Microbiological and physicochemical analysis of ground water in Saint

Katherine, Egypt. Seventh International Conference of Maadi Cultured Association "A clean glass of water 2008", Cairo Culture and Environment House, 21-22 October 2008 – Cairo, Egypt, Abstract book: 35.

6- **Abdel-Azeem, A. M.**, Ibrahim, M. E., Abdel-Moneim, T. S., Abo El-Soud, I. H., Steffen, K. T. and Blanchette, R. A. (2009a). A new strategy to conserve *Acacia tortilis* subsp. *raddiana* in South Sinai, Egypt. Sixth International Symposium on Ecosystem Behavior (BIOGEOMON), 29 June-3 July 2009, at the University of Helsinki, Finland, Abstract book: 404.

7- **Abdel-Azeem, A. M.** (2010). Biodiversity of Egyptian Mycobiota- Gaps in Knowledge. The first international conference on basic and applied mycology, 9–11 March 2010, Assiut, Egypt, Abstract book: 36.

8- Ibrahim, M. E. and **Abdel-Azeem, A. M.** (2010). Diversity of leaf and air fungi of some plants in Egypt. The first international conference on basic and applied mycology, 9–11 March 2010, Assiut, Egypt, Abstract book: 53.

9- Abdel-Moneim, N. M.; El-Ashry, E. H.; **Abdel-Azeem, A. M.** and Ali, A. N. (2010). Marine-derived fungi isolated from invertebrates and seaweeds of Mediterranean coast at Alexandria as a source of bioactive secondary metabolites. The first international conference on basic and applied mycology, 9–11 March 2010, Assiut, Egypt, Abstract book: 55-56.

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2- Soliman, G.S. and **Abdel-Azeem, A. M.** (2011). What will be the fate of the world's fungi? Earthsky (earthsky.org/biodiversity/what-will-be-the-fate-of-the-worlds-fungi).
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**Scientific Journals**

Editor-in-Chief of Microbial Biosystems (https://mb.journals.ekb.eg)
Editor-in-Chief of Frontiers in Scientific Reports (https://fsr.journals.ekb.eg/).
Editorial Board of BMC Microbiology
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**Associate Editor and Review Editor**

1- Fungal Biotechnology for Agricultural Sustainability (Frontiers in Fungal Biology) https://www.frontiersin.org/research-topics/19563/fungal-biotechnology-for-agricultural-sustainability.

2-Bioactive Compounds with Potential Medicinal Properties Derived from Fungi: Recent and Future Developments in Microbial Biotechnology (Frontiers in Microbiology) https://www.frontiersin.org/research-topics/16850/bioactive-compounds-with-potential-medicinal-properties-derived-from-fungi-recent-and-future-develop

3- Biology of Hidden Partners: Fungi and Plants (Biology-MDPI). https://www.mdpi.com/journal/biology/special_issues/BOHPFAP

4-Guest Associate Editor for Microbiotechnology (Frontiers in Microbiology). https://www.frontiersin.org/journals/microbiology/sections/microbiotechnology

5- Review Editor for Plant Biotechnology (Frontiers in Plant Science). https://www.frontiersin.org/journals/plant-science

6- Associate Editor for Fungi-Plant Interactions (Frontiers in Fungal Biology). https://www.frontiersin.org/journals/fungal-biology

7- Review Editor for Isolation and Purification (Frontiers in Natural Products). https://www.frontiersin.org/journals/natural-products

8- Special Issue Editor for "Endophytic Fungi as a Hidden Treasure for the Biological Control of Plant Pathogens" Microbiology Research MDPI (https://www.mdpi.com/journal/microbiolres/special_issues/04W7C66649)

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**Reviewing experience**

1- Seminars in cancer Biology
2- Scientific Reports
3- PLOS ONE
4- Sydowia
5- Journal of Fungi (MDPI)
6- Diagnostic (MDPI)
7- Molecules (MDPI)
8- Environmental Science and Pollution Research
9- Egyptian Journal of chemistry
10- Frontiers in fungal biology
11- Frontiers in Microbiology
12- Mycotaxon
13- Microbial Biosystems
14- BMC Microbiology.

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