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Personal Information:

D.O.B May 24th, 1980
P.O.B Giza, Egypt
Marital status Married, Kids: 2 (Youssef and Amira)
Health Good
Interest Football, travelling, reading and wildlife discovery.

Education:

2011-2014 Tongji University, Shanghai, China, PhD. Of Environmental Science
2005-2008 Benha University, Benha, Egypt, Master of Soil Science
1997-2001 Cairo University, Faculty of Agriculture, Cairo, Egypt, Bachelor of Soils and Water Science.

EMPLOYMENT:

2009-2010 Researcher and Lecturer, Department of Biological Environment, Kangwon National University, College of Agriculture and Life Sciences-South Korea.
2001-2014 Specialist, Soils, Water and Environment Research Institute (SEWRI), Agriculture Research Centre (ARC)-Egypt.
2014 up to 2019 Lecturer at the Department of Soils and Water, Faculty of Agriculture- Assiut University (the New Valley Branch)
2019 up to date Associate Professor and Head of the Department of Soils and Water, Faculty of Agriculture- New Valley University
2015 up to date Director of the Environmental Sustainability and Development office (Luxor Branch, Egypt)
2018 up to 2019 Fellow of the Academy of Scientific Research & Technology (ASRT), Egypt- Member of The Environmental Sciences Research, ASRT, Egypt

ACTIVITIES:

2010 up to date: Reviewer

- Chemosphere
- Clean Soil, Air and Water
- Plant and Soil
- Geoderma
- Science of the Total Environment
- Soil and Sediment Contamination
- Geoderma
- International Journal of Sediment Research
- Human and Ecological Risk Assessment
- Ecotoxicology and Environmental Safety
- Applied Microbiology
- Polish Journal of Environmental Studies
- Ecotoxicology and Environmental Safety
- Journal of Hazardous Materials
- Scientia Agricola
- Egyptian Journal of Soil Science

Research Interests:

Environmental technology

- Stabilization/Solidification (S/S) and Phytoremediation technologies -Solid waste management
- Human health risk assessment (Heavy metals and organic compounds)
- Global warming and soil carbon sequestration

Agrochemistry

- Fertilizers & chemicals
- Heavy metals

Training Courses:

- 2001** Vegetables production. Faculty of Agriculture, Cairo University **Egypt**
- 2001** Rural development and computer software – hardware, Cairo University, **Egypt**
- 2003** Environmental funding, its term on increasing agriculture production and environmental protection. Agricultural Research Center, Egypt
- 2006** Soil, Plant, Human Heavy metals exposure pathway. Ministry of Scientific Research. National Research Center, Egypt.
- 2009** Extended X-Ray Absorption Fine Structure (XAFS), **South Korea**

Experience on Laboratory Instruments:

- Inductively Coupled Plasma (ICP- mass) spectrometry.
- Inductively Coupled Plasma (ICP).
- Atomic Absorption Spectroscopy (AAS).
- Ion Chromatography (IC).
- Extended x-ray absorption fine structure (EXAFS).
- Technicon Auto Analyzer.
- Wet Sieving (Eijkelkam Agrisearch Equipment 08.13).
- TOC Analyzer (TOC 5000A, Shimadzu, Japan).
- Spectrophotometers.
- Mars-X microwave digestion.
- Milestone Ethos1 microwave digestion.

Research Experience:

- **Soil fertility**
- **Environmental assessment and studies on the contamination of soil water and plants**
- **Heavy metals analyses and speciation (sequential extraction of heavy metals and XAFS)**
- **Assessment of the quality of soil, water and plant analyses -Analyses and evaluation of organic and inorganic fertilizers**
- Heavy metals soil remediation (stabilization/solidification, biosorption, and phytoremediation techniques).
- Isolation and purification of soil DNA by using soil kits.
- Heavy metals and organic contaminants, human health risk assessment -Global warming and carbon sequestration

Publications:

Research Articles:

- 1- Mekawi, E.M., Abbas, M.H.H., Mohamed, I., Jahin, H.S., El-Ghareeb, D., Al-Senani, G.M., Almufarij, R.S., Abdelhafez, A.A., Mansour, R.R.M., Bassouny, M.A. (2023). Potential hazards and health assessment associated with different water uses in the main industrial cities of Egypt. *Journal of Saudi Chemical Society*. 27, 101587.
- 2-Asaad, A.a., El-Hawary, a.M., Abbas, M.H.H., Mohamed, I., Abdelhafez, a.A., Bassouny, M.A. (2022). Reclamation of wastewater in wetlands using reed plants and biochar. *Scientific Reports*. 12:19516.
- 3-Alinia, M., Kazemini, S.A., Dadkhodaie, A., Sepehri, M., Jahandideh Mahjenabadi, V.A., Amjad, S.F., Poczai, P., El-Ghareeb, D., Bassouny, M.A., Abdelhafez, A.A. (2022). Co-application of ACC deaminase-producing rhizobial bacteria and melatonin improves salt tolerance in common bean (*Phaseolus vulgaris* L.) through ion homeostasis. *Scientific Reports*. 12:22105.

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- 4- lalarukh, I., Zahra, N., Al Huqail, A.A., Amjad, S.F., Al-Dhumri, S.A., Ghoneim, A.M., Alshahri, A.H., Almutari, M.M., Alhusayni, F.S., Al-Shammari, W.B., Poczai, P., Mansoor, N., Ayman, M., Abbas, M.H.H., Abdelhafez, A.A. (2022). Exogenously applied ZnO nanoparticles induced salt tolerance in potentially high yielding modern wheat (*Triticum aestivum* L.) cultivars. *Environmental Technology and Innovation*. 27, 102799.
-
- 5- Lalarukh, I., Amjad, S.F., Mansoor, N., Al-Dhumri, S.A., Alshahri, A.H., Almutari, M.M., Alhusayni, F.S., Al-Shammari, W.B., Poczai, P., Abbas, M.H.H., Elghareeb, D., yul Kubra, K., Abdelhafez. A.A. (2022). Integral effects of brassinosteroids and timber waste biochar enhances the drought tolerance capacity of wheat plant. *Scientific Reports*. 12, 12842.
-
- 6-Sidra Rehman, Nida Mansoor, Sami A. Al-Dhumri, Syeda F.Amjad, Wasimah B. Al-Shammari, Mohammad M. Almutari, Fatimah S. Alhusayni, Dhafer A. Al Bakre, Irfana Lalarukh, Abdullah H. Alshahri, Peter Poczai, Tarek M. Galal, Ahmed A. Abdelhafez (2022). Associative effects of activated carbon biochar and arbuscular mycorrhizal fungi on wheat for reducing nickel food chain bioavailability. *Environmental Technology and Innovation*. Volume 26, May 2022, 102539. <https://doi.org/10.1016/j.eti.2022.102539>
-
- 7- Marziye Dianatmanesh, Seyed A. Kazemeini, Mohammad J. Bahrani, Ehsan Shakeri, Mozghan Alinia, Syeda F. Amjad, Nida Mansoor, Peter Poczai, Irfana Lalarukh, Mohamed H.H. Abbas, Ahmed A. Abdelhafez, Mahdy H. Hamed. (2022). Yield and yield components of common bean as influenced by wheat residue and nitrogen rates under water deficit conditions. *Environmental Technology and Innovation*. Volume 28, November 2022, 102549. <https://doi.org/10.1016/j.eti.2022.102549>
-
- 8- Lalarukh, I., Xiukang Wang², Al-Ani, L.K.T., Al Mutairi, K.A., Hussain, R., Mansoor, N., Amjad, S.F., Ahmar, S., Poblete, F.M., Abbas, M.H.H., Abdelhafez,A.A., Galal, T.M. (2022). A combined use of rhizobacteria and moringa leaf extract mitigates the adverse effects of drought stress in wheat (*Triticum aestivum* L.). *Frontiers in Microbiology*. 13, 813415. <https://doi.org/10.3389/fmicb.2022.813415>
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- 9- Lalarukh, I., Wang, X., Amjad, S.F., Hussain, R., Ahmar, S., Mora-Poblete, F., Abdel-Hafez, S.H., Fawzy, M. A., Abbas, M.H.H., Abdelhafez, A.A., Datta, R. (2022). Chemical role of α -tocopherol in Salt Stress Mitigation by Improvement in Morpho-physiological Attributes of Sunflower (*Helianthus annuus* L.). *Saudi Journal of Biological Sciences*. 29(3), 1586-1393. <https://doi.org/10.1016/j.sjbs.2021.11.027>
-
- 10-Abdelhafez, A.A., Zhang, X., Zhou, L., Cai, M., Cui, N., Chen, G., Zou, G., Abbas, M.H.H., Kenawy, M.H.M., Ahmad, M. Alharthi, S.S., Hamed, M.H. (2021). Eco-friendly production of biochar via conventional pyrolysis: Application of biochar and liquefied smoke for plant productivity and seed germination. *Environmental Technology and Innovation*. 22, 101540. <https://doi.org/10.1016/j.eti.2021.101540>
-
- 11-Abdelhafez, A.A., Abbas, M.H.H., Kenawy, M.H.M., Noureldenn, A., Darweish H., Ewis, A.M.G., Hamed, M.H. (2021). Evaluation of underground water quality for drinking and irrigation purposes in New Valley Governorate, Egypt. *Environmental Technology and Innovation*. 22, 101486. <https://doi.org/10.1016/j.eti.2021.101486>
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- 12-Cai, M., Zhang, X., Abdelhafez A.A., Zhou, L., Chen, Guifa, Zou, G., Cui, N. (2021). Feasibility of improving nitrogen removal by integrating the rice straw and zeolite with drainage ditches for farmland runoff control. *Environmental Technology and Innovation*. 21, 101359. <https://doi.org/10.1016/j.eti.2021.101359>
-
- 13-Akhtar, L., Ahmad, M., Iqbal, S., Abdelhafez, A.A., Mehran, M.T. (2021). Biochars' adsorption performance towards moxifloxacin and ofloxacin in aqueous solution: Role of pyrolysis temperature and biomass type. *Environmental Technology and Innovation*. 24, 101912. <https://doi.org/10.1016/j.eti.2021.101912>
-
- 14-Abdelhafez, A.A., Eid, K.E., El-Abeid, S.E., Abbas, M.H.H., Mansour, R.R.M.E., Zou, G., Hqbal, J., Fahad, S., Elkelsih, A., Siddiqui, m.H., Mohamed, I. (2021). Application of soil biofertilizers to a clayey soil contaminated with *Sclerotium rolfsii* can promote

- production, protection and nutritive status of *Phaseolus vulgaris*. *Chemosphere*. 22, 129321. <https://doi.org/10.1016/j.chemosphere.2020.129321>
-
- 15-Cui, N., Cai, M., Zhang, Xu, Abdelhafez, A.A., Zhou, L., Sun, H., Chen, G., Zou, G., Zhou Sh. (2020). Runoff loss of nitrogen and phosphorus from a rice paddy field in the east of China: Effects of long-term chemical N fertilizer and organic manure applications. *Global Ecology and Conservation*. 22, e01011. <https://doi.org/10.1016/j.gecco.2020.e01011>
-
- 16- Elcossey, S.A.E., Abbas, M.H.H., Farid, I.M., Beheiry, G.G.S., Abou youssef, M.F., Abbas, H.H., Abdelhafez, A.A., Mohamed, I. (2020). Dynamics of soil organic carbon in *Typic Torripsamment* soils irrigated with raw effluent sewage water. *Environmental Science and Pollution Research*. <https://doi.org/10.1007/s11356-019-07526-4>.
-
- 17-Kuany, P.B.G., Xuefei Zhou, Abdelhafez, A.A., Abdelhafeez, I.A. (2019). Wailing of the people of South Sudan from oil contamination (overview of oil production and effects on people health). *International Journal of Scientific and Research Publications*, 9(5), 463-469.
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- 18- Kuany, P.B.G., Xuefei Zhou, Abdelhafeez, I.A., Abdelhafez, A.A. (2019). Oil contaminated soil, global environmental impact (Overview). *International Journal of Current Science and Engineering* 1(5), 124-129.
-
- 19- Abuzaid A.S., Bassouny M.A., Jahin H.S., Abdelhafez A.A. (2019). Stabilization of lead and copper in a contaminated *Typic Torripsamment* soil using humic substances. *Clean – Soil, Air and Water* 47(5), 1-8.
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- 20- Eid, K.E., Abbas, M.H.H., Mekawi, E.M., ElNagar, M.M., Abdelhafez, A.A., amin, B.H., Mohamed, I., Ali, M.M. (2019). Arbuscular mycorrhiza and environmentally biochemical enhance the nutritional status of *Helianthus tuberosus* and induce its resistance against *Sclerotium rolfsii*. *Ecotoxicology and Environmental Safety* 186.
-
- 21- ElShazly, A.A.A, Abbas, M.H.H., Farid, I.M., Rizk, M., Abdelhafez, A.A., Abbas, H.H., Soliman, S.M., Abdel Sabour, M.F., Mohamed, I. (2019). Depthprofile distribution of Cs and its toxicity for canola plants grown on arid rainfed soils as affected by increasing K-inputs. *Ecotoxicology and Environmental Safety* 183, 173–180.
-
- 22- ElShazly, A.A.A, Abbas, M.H.H., Farid, I.M., Rizk, M., Mohamed, I., Abbas, H.H., Abdelhafez, A.A., Soliman, S.M., Abdel Sabour, M.F. (2019). Feasibility of using natural mineral ores for removing Cs and Sr from contaminated water. *Ecotoxicology and Environmental Safety* 175, 173–180.
-
- 23- Abdelhafez, A.A., Abbas, M.H.H., Attia, T.M.S., El Bably, W., Mahrous, S.E. (2018). Mineralization of organic carbon and nitrogen in semi-arid soils under organic and inorganic fertilization. *Environmental Technology & Innovation*, 9:243–253.
-
- 24- Gameh, M.A., Attia, K.K., Ahmed, A.H., Abdelhafez, A.A. (2017). Soil Fertility Status of Some Agricultural Areas in El -Kharaga Oasis, New Valley, Egypt. *Assiut Journal of Agricultural Sciences* 48(6), 72-83.
-
- 25- Sherif A.E., Rabie, A.R., Abdelhafez A.A. (2017). Accumulation trend of heavy metals in *Cupressus sempervirens* and *Eucalyptus camaldulensis* trees grown on wastewater irrigated soils. *Alexandria Science Exchange Journal* 38(2), 220-230.
-
- 26- Abdelhafez, A.A., Ali, M.A.M., El-tokhy, A.I., Amer, M.E. (2016). Effects of nitrogen and herbicides on onion production and human health in a new reclaimed, New Valley-Egypt *Egyptian Journal of Desert research* 66(1), 115-135.
-
- 27- Abdelhafez, A.A., Abbas, M.H.H., Attia, T.M.S. (2015). Environmental monitoring of heavy-metals status and human health risk assessment in the soil of Sahl El-Hessania area, Egypt. *Polish Journal of Environmental Studies* 24(2), 459-467.
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- 28- Abdelhafez, A.A., Li, J. (2015). Environmental monitoring of heavy metal status and human health risk assessment in the agricultural soils of the Jinxi River area, China. *Human and Ecological Risk Assessment Human and Ecological Risk Assessment* 21(4), 952-971.
-

- 29- Abdelhafez, A.A., Li, J. (2016). Removal of Pb(II) from aqueous solution by using biochars derived from sugar cane bagasse and orange peel. *Journal of the Taiwan Institute of Chemical Engineers* 61, 367–375.
- 30- Abdelhafez, A.A., Li, J. (2014). Feasibility of biochar manufactured from organic wastes on the stabilization of heavy metals in a metal smelter contaminated soil. *Chemosphere* 117, 66-71.
- 31- Qianqian D., Penghui L., Qinghui H., Abdelhafez, A.A., Ling C. (2014). Occurrence, polarity and bioavailability of dissolved organic matter in the Huangpu River, China. *Journal of Environmental Science*. 26(9), 1843-1850.
- 32- Abdelhafez, A.A., Li, J. (2014). Geochemical and statistical evaluation of heavy metal status around Jinxi River area, China. *Soil and Sediment Contamination: An International journal* 23(8), 850-868.
- 33- Abbas, M.H.H., Abdelhafez, A.A. (2013). Role of EDTA in arsenic mobilization and its uptake by maize grown on an As-polluted soil. *Chemosphere* 90, 588–594.
- 34- Abdelhafez, A.A., Abbas, H.H., Abd-El-Aal, R.S., Kandil, N.F., Li, j., Mahmoud, W. (2012). Environmental and health impacts of successive mineral fertilization in Egypt. *Clean-Soil, Air and Water*. 40 (4), 356–363.
- 35- Abdelhafez, A.A., Abbas, H.H., Kandil, N.F., Fared, I.M. (2010). Risk assessment and phytoremediation potential of native plant species for Cr, Cu and As-contaminated soils, *Egyptian Journal of Applied Science* 25(12A), 837-855.
- 36- Abdelhafez, A.A., Awad, Y.M., Abd El-Azeem, S.A.M., Kim, M.S., Ham, K.J., Lim, K.J., Yang, J.E., Ok, Y.S. (2010). Leaching of chromium, copper and arsenic in soils and rapid identification of CCA-treated woods using modified PAN stain. *Korean Journal of Soil Science and Fertilizer* 43(1), 60-67.
- 37- Awad, Y.M., Abdelhafez, A.A., Ahmad, M., Lee, S.S., Kim, R.Y., Sung, J.K., Ok, Y.S. (2010). Synthesis of nanoscale zerovalent iron particle and its application to Cr(VI) removal from aqueous solution. *Korean Journal of Environmental Agriculture*, 29(4), 402:407.
- 38- Abdelhafez, A.A., Abbas, H.H., Kandil, N.F., Fared, I.M. (2010). Effects of biochar on soil improvement and Pb-remediation in a military shooting range soil, *Egyptian Journal of Applied Science* 25(11), 767:788.
- 39- Abdelhafez, A.A., Awad, Y.M., Kim, M.S., Ham, K.J., Lim, K.J., Joo, J.H., Yang, J.E., Ok, Y.S. (2009). Environmental monitoring of heavy metals and arsenic in soils adjacent to CCA-treated wood structures in Gangwon Province, South Korea. *Korean Journal of Environmental Agriculture* 28(4), 340:346.

Book Chapters:

- 1- Abdelhafez, A.A., Abb, M.H.H., Li, J. (2017). Biochar: the black diamond for soil sustainability, contamination control and agricultural production. *Engineering Applications of Biochar*, INTECH. ISBN 978-953-51-3403-9.
- 2- Abdelhafez, A.A., Metwally, S.M., Abbas, M.H.H. (2019). Irrigation: water resources, irrigation systems and common problems in Egypt. *Technological and Modern Irrigation Environment in Egypt*. Springer. ISBN 978-3-030-30374-7.
- 3- Abdelhafez, A.A., Zhanga, X., Zhou, L., Zou, G., Cui, N., Abbas, M.H.H., Hamed, M.H. (2020). Introductory Chapter: Is Biochar Safe?, *Applications of Biochar for Environmental Safety*, Ahmed A. Abdelhafez and Mohammed H. H. Abbas, IntechOpen, DOI: 10.5772/intechopen.91996. Available from: <https://www.intechopen.com/chapters/71729>

Books:

- 1- Ahmed A. Abdelhafez and Mohammed H. H. Abbas. (2020). *Applications of Biochar for Environmental Safety*, IntechOpen, DOI: 10.5772/intechopen.91996. Available from: <https://www.intechopen.com/books/applications-of-biochar-for-environmental-safety/introductory-chapter-is-biochar-safe>

2-	Ongoing	Book.	Mercury	Pollution.
	https://www.intechopen.com/welcome/0bd111f57835089cad4a9741326dbab7 .			ISBN:
	978-1-80355-337-5			

Conferences:

- 1- Abdelhafez, A.A. (2019). A novel approach for biochar production with low carbon emission. The Fourth China—Arab States Expo, Yinchuan, Ningxia, China- September 5-8, 2019 Expo. 2019.
- 2- Abdelhafez, A. A. (2016). Biochar: the black diamond fore soil sustainability, contamination control and agricultural production. The 1st International Conference on Advances in Soil Science. ICASS-EG, 2-5 May.
- 3- Abdelhafez, A.A., Abbas, M.H.H., Hamed, M.H. (2016). Biochar: A solution for soil lead (Pb) pollution. The 8th International Conference for Development and the Environment in the Arab World, March, 22-24, 2016.
- 4- Abdelhafez, A. A. (2014). The rapid industrial development in China: Environmental and health impacts- A case study in Jinxi River area, China. Academy of Science for the Developing World/Bio Vision Alexandria. NXT (TWAS/BVA.NXT 2014) Program. Lyon, France. June, 5-6.
- 5- Abdelhafez A.A., Abbas, M.H, Jianhua Li (2013). Biochar: a solution for soil pollution. International Conference on Environmental Specimen Banks, O24. Shanghai, China, October 12-15.
- 6- Abdelhafez, A.A. (2012). Integrated effect of biochar for soil improvement and lead remediation. Academy of Science for the Developing World/Bio Vision Alexandria. NXT (TWAS/BVA.NXT 2012) Program. Alexandria, Egypt. April, 21-22.
- 7- Abdelhafez, A.A., Jianhua Li (2012). Geochemical and statistical evaluation of heavy metal status in the Jinxy River, China. The 4th International Symposium on Aquatic Environment and Biodiversity Conservation in the Lake Taihu Basin. Shanghai, China, December 11.
- 8- Lee, S. S., Awad, Y. M., Abdelhafez, A. A. (2010). Effects of biopolymer, and biochar on soil erosion, soil quality, and carbon sequestration. Korean Society of Soil and Ground Water Environment (KOSSGE). 223, Korea.
- 9- Abdelhafez, A.A., Lee, S.S., Ok, Y.S. (2010). Effects of biochar on soil quality and heavy metal bioavailability in a military shooting range soil. Korean Society of Soil and Ground Water Environment (KOSSGE). 236, Korea.
- 10- Ahmad, M., Abdelhafez, A.A., Ok, Y.S. (2010). Immobilization of heavy metals in shooting range soil using lime based waste material SETAC Asia/Pacific Annual Meeting. Balance between economic growth and environmental protection: Sustainability through Better Science. B03- oral– 14 Guangzhou, China, 4-7 June.
- 11- Abdelhafez, A.A., Awad, Y. M., Kim, M. S., Ham, K. J., Yang, J. E., Ok, Y. S. (2010). Distribution and risk assessment of Cr, Cu and As in soils adjacent to CCA-treated wood structures in Korea. SETAC Asia/Pacific Annual Meeting. Balance between economic growth and environmental protection: Sustainability through Better Science. B03- oral – 8 Guangzhou, China, 4-7 June.
- 12- Abdelhafez, A.A., Ok, Y. S. (2010). Leaching of chromium, copper and arsenic in soils and rapid identification of CCA-treated woods using modified PAN stain. Biovision Alexandria, Egypt.
- 13- Abdelhafez, A.A., Lee, S. S., Ok, Y. S. (2010). Monitoring and risk assessment of wood preservative contaminated soils with chromate copper arsenate (CCA) in South Korea. Korean Society of Soil Science and Fertilizer. Korea. OR 2-02, 159.
- 14- Abdelhafez, A.A., Ok, Y.S. (2010). Effects of long-term fertilization on heavy metal accumulation in soils and crops in Egypt. The Korean Society for Applied Biological Chemistry (KIST), Egypt. OP-B2, 63.

- 15- Abdelhafez, A.A., Awad, Y. M., Kim, M. S., Ham, K. J., Yang, J. E., Ok, Y. S. (2009). Environmental monitoring of heavy metals and arsenic in soils adjacent to CCA-treated wood structures in Gangwon Province, South Korea. The 9th International Conference of the East and Southeast Asia Federation of Soil Science Societies (ESAFS), Korea S3P33, 496-497.
- 16- Abd-El-Aal, R. S., Abbas, H. H., Kandil, N. F., Abdelhafez, A.A. (2008). Statistical evaluation of heavy metals accumulation in new reclaimed soils. The fourth conference of sustainable agriculture development, Fac. of Agric., Fayoum Univ., 20-22 October, 2008.
- 17- Abbas, H. H., Abd-El-Aal, R. S., Kandil, N. F., Abdelhafez, A. A. (2008). Environmental implications of successive mineral fertilization on soil and plant grown thereon. Third Environment Conference, Faculty of Science, Zagazig Univ., Egypt. 103-121.

Awards and Fellowships:

- 2009** “Excellent Article” (2009) By Korean Federation of Science and Technology Societies (KOFST). **Ahmed A. Abdelhafez**, Yaser M. Awad, Min Su Kim, Kwand Joon Ham, Kyung Jae Lim, Jin Ho Joo, Jae E Yang, Yong Sik Ok. (2009). Environmental monitoring of heavy metals and arsenic in soils adjacent to CCA-treated wood structures in Gangwon Province, South Korea. Korean Journal of Environmental Agriculture.
- 2012** Praxair Scholarship (second prize), Tongji University, China.
- 2014** Who’s Who in the World
- 2015** Who’s Who in the World

Languages:

Arabic: Mother tongue;
English: Very good
French: poor

Professional References:

-**Hassan Abass**, Professor of soil Sciences, Benha University, Egypt
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-**Samira Mahrous**, Professor of Soil, Water, and Environment Research Institute (SWERI), Agriculture Research Centre (ARC), Egypt
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