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Academic Degrees:

- (2000) Ph.D. in Economic Geology from Department of Geological Sciences, University of Colorado at Boulder, Colorado, USA.
- (1990) M.Sc. of Earth Resources, Department of Natural Resources, Faculty of High African Studies, Cairo University, Egypt.
- (1987) Diploma of Natural Resources, Department of Natural Resources, Faculty of High African Studies, Cairo University, Egypt.
- (1983) Bachelors Degree, Geological Sciences, Department of Geology, University of Menofia, Egypt.

Employments, Positions and Activities:

- Current position: Emeritus Professor of Geology and Water Resources, Department of Natural Resources, Faculty of African Postgraduate Studies, Cairo University, Egypt.
- 2015-2018: Head, Department of Natural Resources, Institute of African Research and Studies, Cairo University, Egypt.
- 2010- 2014: Title: Director, Natural and Human Resources Development Center (NHRDC), Institute of African Research and Studies, Cairo University, Egypt.
- 2010-2011 Deputy Director, Center of Information and African Consultation, Institute of African Research and Studies, Cairo University, Egypt.
- 2000-2010 Title: Assistant Professor of Economic Geology, Department of Natural Resources, Cairo University, Institute of African Research and Studies, Egypt.

- 1999-2000: Title: Geology Instructor. Activity: Teaching Introduction to Geology 1 (GEOL 1010-3 credit hour). Division of Continuing Education, University of Colorado at Boulder. I put this course on the web in 2000. It was for the first online geology course in the University of Colorado at Boulder.
- 1999-2000: Title: Research Assistant. Activity: Isotope analyses of Rb, Sr, Sm, Nd, and Pb, Department of Geological Sciences, University of Colorado at Boulder, CO, USA.
- June (2000): Title: Field Geologist, Cooperative Institute for Research in Environmental Sciences (CIRES), University of Colorado at Boulder, Activity: Training middle and high school teachers from all over the United States how to bring the hands on approach to teaching science into their classrooms.
- Spring (2000): Title: Teaching Assistant in the Department of Geology, University of Colorado at Boulder, CU, USA. Activity: Teaching Physical Geology Lab (GEOL 1080-011 and 010, 1 credit hour).
- Fall (1999): Title: Teaching Assistant in the Department of Geology, University of Colorado at Boulder, CO, USA. Activity: Teaching Physical Geology Lab (GEOL 1080).
- June (1999): Title: Field Geologist, Cooperative Institute for Research in Environmental Sciences (CIRES), University of Colorado at Boulder, CO, USA. Activity: Training middle and high school teachers from all over the United States how to bring the hands on approach to teaching science into their classrooms.
- Summer (1999): Title: Research Assistant. Activity: Geochemical analysis of heavy isotopes (Rb, Sr, Sm, Nd and Pb) in the isotope lab, Department of Geological Sciences, University of Colorado at Boulder, CO, USA.
- Spring (1999): Title: Teaching Assistant in the Department of Geology, University of Colorado at Boulder. CO, USA. Activity: Teaching Physical Geology Lab (GEOL 1080-1 credit hour)
- Summer (1997): Title: Geology Instructor, Front Range Community College, Westminster, Colorado, USA. Activity: Teaching Physical Geology, Lectures and Labs, (GEOL 101-3).
- (1985-1993): Title: Research and Teaching Assistant, Department of Natural Resources, Institute of African Research and Studies, University of Cairo, Egypt. Activity: Teaching physical geology, mineralogy, economic geology and field geology.
- (1984-1985): Title: Research and Teaching Assistant, Department of Geology, Menofia University, Egypt. Activity: Teaching geology (mineralogy).

Teaching Academic Graduate Courses:

1. Energy Resources in Africa (2 hours)
2. Geology and Water Resources in African (3 hours)
3. Hydrology of the Nile River (3 hours)
4. Hydrogeology of the Nile River (3 hours)

5. Hydrology of the African Rivers (3 hours)
6. Hydrogeology of the Nile River (3 hours)
7. Pollution of Surface Water in Africa (3 hours)
8. Pollution of Groundwater in Africa (3 hours)
9. Environmental Geology in Africa (3 hours)
10. Water Environment in Africa (3 hours)
11. Remote Sensing and GIS in Africa (3 hours)
12. Contemporary International Issues (2 hours)
13. Geology of the Nile Basin (3 hours)
14. Mineral Resources in Africa (3 hours)
15. Geologic Field and Laboratory Exercises (3 hours)
16. Geology of Africa (3 hours)
17. African Lakes (3 hours)
18. Mineral Geochemistry in Africa (2 hours)
19. Physical Geology (3 hours)
20. Research Methods
21. International Contemporary Issues
22. Geology of Egyptian Lands
23. Geological times and the emergence of living organisms

Teaching Academic Under-Graduate Courses:

24. Practical and Field Geology
25. Physical Geology
25. Contemporary International Issues

Current Granted Research Project (2 years):

The effect of the Grand Ethiopian Renaissance Dam (GERD) on Egypt (2014-2017), Cairo University, Egypt.

Supervising Academic Master and Ph.D. Theses:

Doing geology-water researches on Africa and Supervised finished 20 theses (11 Ph.D. and 9 M.S.), and supervising 18 students. Other activities are in different committees such as Cultural, Community Service and Environment, Laboratory and Equipment, and Quality and Accreditation Unit.

Theses Supervision:

A. Completed Ph.D. Theses:

1. (2022) The Optimization of Water Intake Locations in the Nile River Basin. Yousra Ahmed Khairy.
2. (2019) Biocementation of calcite precipitation for stabilization of sandy and calcareous soils in Egypt and Tunisia, Nehad M. Ahmed
3. (2018) Assessment of Groundwater Potential for Some of Nile River Basin Countries (Egypt, Tanzania and Kenya), Emad Shanab.
4. (2018) Model-Based Optimization for Operating the Ethiopian Renaissance Dam on the Blue Nile River, Ahmed Bahaa.
5. (2017) Integrated Watershed Management for Sustainable Development in The Nile Basin, Tahani Sleet.
6. (2014) Evaluation factors of desertification in North Africa - North Coast of Egypt and Libya, EL-Sayed Fathy Abd Elsalam Essa.
7. (2014): Impact of climatic variability on Nile River water resources and its flood fluctuations in Ethiopia, Mostafa Abd El-Hameed Mohamed.
8. (2014): Investigations on identification of membrane systems for upgrading secondary treated municipal wastewater in Egypt and Tunisia, Mahmoud Abd El-Aziz El-Tokhey.
9. (2013) Geology of the younger granitoids in the extreme northern part of the Pan-African Belt, Khloud M. Abdel-Maksoud.
10. (2013): Flood Risk Management in the Coastal Areas of North-East Africa Using GIS, Ghada G. Hagag.
11. (2013) Assessment of water quality and bed sediments of Nile River during low and high flow conditions, Ayman Gaber Abd El- Rahman Abd El- Aal.
12. (2012): Study of Heterogeneous Catalysed Transesterification Reaction for the Production of Bioenergy (Biodiesel) from Jatropha Oil in Africa, Elham Ahmed Abed El Kader.
13. (2010): Electro-thermal effect reduction of ilmenite ore from the black sands, North Africa for production of high-titanium slag, Khaled El-Husainy.
14. (2010): Pedological and Hydrological Studies on some Paleo-Nile Valleys in Egypt and Sudan, Mahmoud Hassan Hassan Abu Sleem.
15. (2009): Studies on meteorological conditions leading to sand dunes migration in Egypt. Faculty of Science, Cairo Univ., Sabrin Mohamed Ahmed Shapara.
16. (2006): Hydrochemical Studies of Groundwater Aquifers in North Egypt and Libya, Karima Khallaf.

B. Some Completed Master Theses:

17. (2022) Detection and monitoring of sand dune mobility and its impact on agricultural areas in Egypt and Libya. Ghada Mamdouh Madbouly.
18. (2021) Deterioration causes of some groundwater wells in the Eastern Sahara Desert. Abdelhady M. Abdelhady.
19. (2021) Pollution Assessment of Water, Sediments and Hydrophytes in some African Northern Lakes. Yehia Said El-Sayed.
20. (2020) Evaluation of some shallow groundwater resources in Eastern Sahara Desert. Shaban Abdelrehim.
21. (2018) Development and Evaluation of a Rainfall Estimation Algorithm over the Nile Basin using Remote Sensing. Taha Mohamed Kassem.
22. (2018) Assessment of Moghra Aquifer System in Northern Africa. Sayed Refaey.
23. (2017) Effects of Geotechnical Properties of some granitic rocks on Underground Mining in the Nubian Shield. Mohamed Salah Abdelazim.
24. (2017) Evaluation of Organic Acids Application on Macro- and Micronutrients availability in Some Soils of Egypt and South Africa. Shimaa Shawky Zaki.
25. (2017) Optimization of the recycled plastic waste, especially waste packaging of Poly ethylene Terephthalate PET. Ahmed Saied.
26. (2016) Hydrogeology of water resources in the Gezira area, Sudan. Alaa Mahmoud Salama Mohamed Kasem.
27. (2016): Effect of organic admixtures on the properties of the fresh and hardened concrete as a model for civil engineering applications in Africa. Hatem Salah.
28. (2014): Hydrochemistry of some coastal zones of the Red Sea in Egypt and Sudan. Yasser Mohammed Salah El-Dein.
29. (2014): Re-Evaluation of conditions and potentialities for the Nubian Sandstone Aquifer in North Africa. Suad Hassan Mohamed Abdoun.
30. (2012): Geochemistry of Copper - Gold deposits in the Nubian Shield Case Study Atud gold mine, Central Eastern Desert-Egypt. Dalia Mostafa.
31. (2009): Geochemistry of Uranium and Halogen in Some Granitic Rocks, Northeast Africa. Abdel-Rahman Mohamed Elwy.
32. (2009) Geology of Some Pan-African Gold Sites: Case Study Al-Fawakhir Gold Mine, Eastern Desert, Egypt. Khloud M. Abdel-Maksoud.
33. (2007) Geochemistry and extraction of beryllium from Nubian Shield and Mozambique Belt. Samia Mohamed Abd El Dayem Aly.
34. (2006): Influence of the African Rifting System on the Petroleum Potential in East Zeit Area, Egypt. Naglaa Saleh.
35. (2006): Geophysical Evaluation of Some Sand Beach and Alluvial Deposits in Northeastern Africa. El-Sayed El-Khateeb.

36. (2023) Evaluation the Turf Irrigation Systems in the New Cites in Egypt and Tunisia.
Sherif Abdelmoneim.

Current Academic Activities:

- (2022-) Member of the Board of Trustees of Al-Madina University in Cairo.
- (2022-) Member of the specialized technical committee for agriculture, water, rural and environmental development and the blue economy (Ministry of Agriculture)
- (2011-2013) Elected as a member in the election committee of the Institute of African Research and Studies. Cairo University.
- (2013) Established the Egyptian Journal of the Nile Basin Studies, Natural and Human Resources Development Center (NHRDC), Institute of African Research and Studies,
Cairo University.
- (2009) Organizing committee of The Second International Conference Development of Natural Resources in Africa.
- (2006) Organizing committee of Biosphere reserves in the Arab countries (3 days)
- (2005) Organizing committee of The First International Conference on the Geology of Tethys, Geology Dept., Faculty of Sci., Cairo University.

Skills and Field of Interest:

- Geology and Hydrogeology of the Nile Basin.
- Environmental Geology
- Mineral deposits in Africa
- Geology of dams
- Geochemical Analysis (Major and trace elements including REE).
- Remote sensing

PUBLICATIONS

- Sharaky, A.M., 2024, Challenges of the Horn of Africa and the Red Sea: risks and how to confront them, Araa Magazine, March 195, 34-39.
- Sharaky, A.M., 2023, The Ethiopian Renaissance Dam between repercussions and negotiations, Alqulzum Journal for Geographical and Environmental Studies, Sudan, No. 13, pp. 41-68.
<https://rsbcrcsc.net/journals/issue/eyJpdjI6InVrY0pRRkNUeFdoMm9hdnU1SnNzcWc9PSIsInZhbHVlIjoiYzBUYUNkcHd1anJDTVRBRU9zT1pldz09IiwibWFjIjoiN2ExZWFlNTExYmE2YjA3Y2ZjYTE3NGI4MTg1NDQyY2MzYjIjNDk0NTA1NmIxNmFhMzliMWU2YWUzNWlxNzU5YiJ9/download>
- Sharaky, A.M., 2023, 14 challenges to Arab water security and solutions Cooperation with water-rich countries, Araa Magazine, April 184, 94-99.
- Sharaky, A.M., 2023, The Ethiopian Renaissance Dam: faltering negotiations and ongoing construction, Annual African Strategic Report 2022-2023, African Research Center, Cairo University, Egypt.
- Sharaky, A.M., 2022, Ethiopian Renaissance Dam (Millennium) and its impact on Egypt and Sudan, Journal of the Egyptian Society of Engineers, V. 61, No. 2, pp. 25-31.
https://egsen.journals.ekb.eg/article_277104_d46888531a8659825bb4e26f7a44a2ec.pdf
<https://doi.org/10.21608/egsen.2023.277104>
- Zakaria, M., **Sharaky, A.M.**, Al-Sherbini, A., Bassyouni, M., Rezakazemi, M., Elhenawy, Y., 2022, Water Desalination Using Solar Thermal Collectors Enhanced by Nanofluids, Chem. Eng. Technol., 45(1): 15–25
- El-Mahdy, M., Saber, A., Moursy, F.E., **Sharaky, A.**, Saleh, N., 2022, Coastal erosion risk assessment and applied mitigation measures at Ezbet Elborg village, Egyptian delta, Ain Shams Engineering Journal, 13(3): Article 101621:
<https://doi.org/10.1016/j.asej.2021.10.016>
- Sharaky, A.M., 2023, Water resources and agriculture in Africa: Arab investment opportunities and challenges, Araa Magazine, March 171, 82-87.
- **Sharaky, A.M.**, 2021, Water challenges and how to address water scarcity in Egypt, In: Economics of Irrigation Water Management in the Egyptian Agriculture, Egyptian Association for Agricultural Economics, Nov. 3, 2021, Egypt, pp. 89-102.
- **Sharaky A.M.**, Saleh N., Farok O.M., Saadany E.R., 2021, Groundwater Quality and Potentiality of Moghra Aquifer, Northwestern Desert, Egypt. In: Negm A., Elkhoully A. (eds) Groundwater in Egypt's Deserts. Springer Water. Springer, Cham.
https://doi.org/10.1007/978-3-030-77622-0_10

- **Sharaky A.M.**, Gaber S.I., Gelil K.A.E., Abdoun S.H., 2021, Groundwater Potential in the Bahariya Oasis, Western Desert, Egypt. In: Negm A., Elkhoully A. (eds) Groundwater in Egypt's Deserts. Springer Water. Springer, Cham. https://doi.org/10.1007/978-3-030-77622-0_9
- **Sharaky A.M.**, 2021, Aeolian Sand Transport Potential and Its Environmental Impact in Dakhla Oasis, Egypt. In: Iwasaki E., Negm A.M., Elbeih S.F. (eds) Sustainable Water Solutions in the Western Desert, Egypt: Dakhla Oasis. Earth and Environmental Sciences Library. Springer, Cham. https://doi.org/10.1007/978-3-030-64005-7_7
- Mohamed, N., Hafez, N., El-Mahallawy, M., **Sharaky, A.**, 2021, Stabilization Characteristics of Different Loose Sandy Soils using Microbial-Induced Calcite Precipitation, Walailak J Sci & Tech, 18(9): 9129, pp. 1-17. <https://doi.org/10.48048/wjst.2021.9129>
<https://wjst.wu.ac.th/index.php/wjst/article/view/9129>
- Morsy F, Ramadan K., **Sharaky A.M.**, Bahgat M., Khairy Y., 2021, The optimum location of intakes in Nile Basin, Water and Energy International, 64 (1):A-134 p. 24-28. <https://www.indianjournals.com/ijor.aspx?target=ijor:wei&volume=64r&issue=1&article=003>

Mohamed, M.A, Morsy, F.I., Sharaky, A.M., and Awad, A.I., 2021, Trend Analysis of Monthly Rainfall in the Northwestern of Ethiopia with a Case Study of Bahir Dar, Cairo Univ. Conference.

- Sharaky, A.M., 2020, 17 Damages of the second storage and The Ethiopia dam is a test for the African Union's ability to solve problems, Araa Magazine, 162, 1-7.
- Sharaky, A.M., Abdoun, S.H., 2020, Assessment of groundwater quality in Bahariya Oasis, Western Desert, Egypt. Environ. Earth Sci. 79:145, 14p
<https://rdcu.be/b3EIZ>
- Naglaa MOHAMED, Nehad HAFEZ, Medhat EL-MAHLLAWY3, and Abbas SHARAKY, 2021, Stabilization Characteristics of Different Loose Sandy Soils using Microbial-Induced Calcite Precipitation, Walailak J Sci & Tech; 18(9): 9129
- Youins S, Mousa W, **Sharaky AM**, Khalaf-Allah A., 2020, Utilization of pomegranate and orange peels in extending shelf life of prepared cakes, Plant Archives, 21(1): 21p.
- Yehia S. Abd El-Alkhoris; Mohamed S. Abbas; **Abbas M. Sharaky**; Mamdouh A. Fahmy, 2020, Assessment of Water and Sediments Pollution in Maruit Lake, Egypt, Egyptian Journal of Aquatic Biology & Fisheries, 24(1):145-160.
https://ejabf.journals.ekb.eg/article_70681_f5de990eaf68176775be483bf9a7ae4c.pdf
- Sharaky, A.M., 2020, The role of the G20: Improving agriculture and increasing production to fill the global food gap, Araa Magazine, 109, 93-97.

- Sharaky, A.M. El Hassanein, A.S. Atta, A.A. and M.A. Khallaf, 2019, Salinization and Origin of the Coastal Shallow Groundwater Aquifer, Northwestern Nile Delta, Egypt, In: Negm, A.M. (ed.) The Handbook of Environmental Chemistry, Groundwater in the Nile Delta, Springer, Berlin, Heidelberg. V. 73, pp. 275-306.
<https://doi.org/10.1007/978-3-319-94283-4>
- Sharaky, A.M., El Abd, El and Shanab, E., 2019, Groundwater Assessment For Agricultural Irrigation in Toshka Area, Western Desert, Egypt. In: Negm A.M. (ed.), Conventional Water Resources and Agriculture in Egypt, The Handbook of Environmental Chemistry. Springer, Berlin, Heidelberg. V. 74, pp. 347-390.
<http://www.springerlink.com/content/110354/>
- Sharaky, A.M., 2019, Ecohydrogeological Challenges on Ethiopian Water Projects and Their Impacts on Annual Water Share of Egypt: Case Study of Tekeze Dam. In: A.M. Negm (ed.), Conventional Water Resources and Agriculture in Egypt, The Handbook of Environmental Chemistry. Springer, Berlin, Heidelberg. V. 74, pp. 415-450.
<http://www.springerlink.com/content/110354/>
- Sharaky A.M., Hamed K.H., Mohamed A.B., 2019, Model-Based Optimization for Operating the Ethiopian Renaissance Dam on the Blue Nile River. In: A.M. Negm and S. Abdel-Fattah (eds.), Grand Ethiopian Renaissance Dam Versus Aswan High Dam, The Handbook of Environmental Chemistry. Springer, Berlin, Heidelberg., V. 79, pp. 119-148. <https://doi.org/10.1007/978-3-319-95600-8>
- Sharaky A.M., Eliwa H., Kassem A., 2019, Impact of the Grand Ethiopian Renaissance Dam (GERD) on Gezira Groundwater, Sudan. In: A.M. Negm and S. Abdel-Fattah (eds.), Grand Ethiopian Renaissance Dam Versus Aswan High Dam, The Handbook of Environmental Chemistry. Springer, DOI 10.1007/978-3-319-95600-8, © Springer International Publishing AG. V. 79, pp. 519-560. <https://doi.org/10.1007/978-3-319-95600-8>
- Sharaky, A.M., Mohamed, N.S., Eldin Elmashad, M., Shredah, N.M., 2018, Application of microbial biocementation to improve the physico-mechanical properties of sandy soil, Construction and Building Materials, 190 (30): 861-869.
- Sharaky, A.M., 2018, Effects of the Ethiopian Renaissance Dam on the Egyptian water security, 15th International Conference of Crop Science: Oct. 1, 2018, Faculty of Agriculture, Department of Agronomy, Ain Shams University, pp. 1-14.
- Sharaky, A.M., 2017, Water Security in the Nile Valley: Reality and the Future, Conference on “Water Resources in the Arab World between Obstacles and Development Prospects” Dec. 10-12, 2017, Department of Geography - Faculty of Arts - Menoufia University
- Sharaky, A.M., El Hasanein, A.S., Atta, S.A., and Khallaf, K., 2017, Nile and Groundwater Interaction in the Western Nile Delta, Egypt, Negm, A.M. (ed.), The Nile Delta, Volume 55, pp. 33–62, The Handbook of Environmental Chemistry, The Nile

Delta, Springer, Berlin, Heidelberg., 55, pp. 33-62. <https://doi.org/10.1007/978-3-319-95600-8>

- Sharaky, A.M., Salem, T., Abdel Aal, A., 2017, Assessment of Water Quality and Bed Sediments of the Nile River from Aswan to Assiut, Egypt, Negm, A.M. (ed.), The Handbook of Environmental Chemistry, The Nile River, Volume 56 of the series The Handbook of Environmental Chemistry, V.56, pp. 207-238. www.springerlink.com/content/110354/
- Sharaky, A.M., 2016, Natural resources in Africa: opportunities, capabilities and interests of the Gulf countries, Araa Magazine, 109, 59-64.
- Alsabagh, **A.M.**, **Sharaky**, A.M., Noor Eldin, M.R., Hussein, K., 2015, Destabilization of Gas Condensate Oil Water Emulsion by Dissolved Air Flotation Using New Non Ionic Surfactants, Tenside Surfactants Detergents 52(1): 88-98.
- Sharaky, A.M., 2015, Water projects in the Nile River Basin: Ethiopian Renaissance Dam, In: Tranboundary Water in Africa, 13-14 November, 2015, Institute of African Studies, Mohamed V University, Morocco, in press.
- Sharaky, A.M., 2015, Shared water resources in Africa: Challenges and Opportunities, In: Tranboundary Water in Africa, 13-14 November, 2015, Institute of African Studies, Mohamed V University, Morocco, in press.
- Sharaky, A.M., 2015, Water Empire: Map of the Ethiopian Dams, In: Egyptian Visions, Al Ahram Center for Social and Historical Studies, pp. 20-23.
- Ahmed M. Al-Sabagh, **Abbas M. Sharaky**, Mahmoud R. Noor El-din and Khaled M. Hussein, 2015, Destabilization of gas condensate-water emulsions and separation by dissolved air flotation using new non-ionic surfactants, Tenside Surfactants Detergents, 52(1): 88-98. <http://www.hanser-elibrary.com/doi/abs/10.3139/113.110352>
- Ghorab, H.Y., **Sharaky**, **A.M.**, Meawad, A., Salah, H., 2014, The minislump of the cement pastes with polynaphthalene sulfonate as an indicator for the slump behavior of concrete, Cement, Wapno, Beton, (3):162-170. <https://yadda.icm.edu.pl/yadda/element/bwmeta1.element.baztech-9f7b8771-bc58-479b-8ca4-1c6bd5ed87f5?q=bwmeta1.element.baztech-d019d93a-f10f-46bd-8d07-68578d5cc276;2&qt=CHILDREN-STATELESS>
- Sharaky, A.M., 2014, Geology of the Ethiopian Renaissance Dam and its effect on the dam safety, Conference of the “Nile Water Issue” March 15, 2014, Geography Department, Faculty of Arts, Cairo University, pp. 150-170.
- Sharaky, A.M., 2014, Geological and Environmental Hazards of the Ethiopian Renaissance Dam, Third International Conference: Sustainable Development in the Nile Basin, Cairo University, pp. 1-20.
- Sharaky, A.M., 2014, Water Resources in Africa, Egyptian Journal of the Nile Basin Studies, Cairo University, V.2. No. 1, pp. 1-31.

- Wahab, M.A., Ageeb, G.W., Kotb, M.M., Gaber, E.I.E., **Sharaky, A.M.** and Essa, E.F., 2014, Sensitivity to Desertification at Sidi Barrani Area, the North-Western Coast of Egypt, Middle East Journal of Applied Sciences, V. 4, No. 3., pp. 733-739.
- Sileet, T.M., El Shamy and **Sharaky, A.M.**, 2014, Downstream Impact of Blue Development, Nile Water Science & Engineering Journal, Vol. 7, Issue 1, pp. 16-33.
- Shaalan, H.F., El Tokhy, M., Sharaky, A.M., Abd El-Monem, N.M., Al Bazed, G.A., 2014, Financial analysis of NF membranes for upgrading municipal wastewater treatment, Desalination and Water Treatment, 55:13, 3670-3675, DOI: 10.1080/19443994.2014.947774
- Sharaky, A.M., 2013, Geology of the Ethiopian Renaissance Dam (GERD) and its impact on Egypt and Sudan, Egyptian Journal of the Nile Basin Studies, Cairo University, 1(1): 1-19.
- Sharaky, A.M., 2013, Hydrogeology of the Congo River and the possibility of its connection with the Nile River, Egyptian Journal of the Nile Basin Studies, Cairo University, 1(2): 1-17.
- Sharaky, A.M., 2013, Grand Ethiopian Renaissance Dam: Considerations of development and politics, Egyptian Journal of the Nile Basin Studies, Cairo University, pp. 1-22.
- Gharieb, A.M.; Sharaky, A.M., Abdel Maksoud, Kh.M. 2013. Detection of gold bearing rocks using aster data at Gabel Gharib, northeastern Desert, Egypt. Journal of Tethys, Vol. 1, No. 1, pp. 59-74.
- El Tokhy, M., Shaalan, H.F., Sharaky, A.M., Abd El-Monem, N.A. and Al Bazed, G.A., 2013, Performance Analysis of Upgrading of Secondary related Wastewater by Nanofiltration, World Applied Sciences Journal, 25(3): 384-390.
- Sileet, T.M., El Shamy, M., Abdel Aty, M. and Sharaky, A.M., 2013, The Development of the Baro-Akobo-Sobat sub basin and its Impact on Downstream Nile Basin Countries, Nile Water Science & Engineering Journal, Vol. 6, Issue 2, pp. 38-53.
- Sharaky, A.M., 2013, Grand Ethiopian Renaissance Dam: considerations of development and politics, Egyptian Journal of the Nile Basin Studies, Cairo University, pp. 1-22.
- Labib, T.M., Hawash, S.I., El-Khatib, K.M, Sharaky, A.M., El Diwani, G.I., Abdel Kader, E., 2013, Kinetic study and techno-economic indicator for base catalyzed transesterification of Jatropha oil, Egyptian Journal of Petroleum, 22: 9-16. <http://dx.doi.org/10.1016/j.ejpe.2012.06.001>
- Sharaky, A.M., Mansour, M.M. and EL Heshe, D.M.H., 2012, Geology and geochemistry of Atud gold deposits, Eastern Desert, Egypt, International Conference "Eastern Nile Basin: Development Challenges and Future of the Egyptian Cooperation", Cairo University, May 28-29, 2012, in press.

- Sharaky, A.M., 2012, Geology of the Ethiopian Renaissance Dam area, International Conference "Eastern Nile Basin: Development Challenges and Future of the Egyptian Cooperation", Cairo University, May 28-29, 2012, in press.
- Sharaky, A.M., 2012, The modern Ethiopian water projects and their impact on the future of the Egyptian- Sudanese relations with Ethiopia, Second International Conference "Sudan-African Relations", Sudanese Political Science Association, Khartoum, Sudan, 5-7 May, 2012, V. 2, pp. 1-20.
- Sharaky, A.M., 2011, Challenges of achieving water security in the Arab World Case Study: Nile River Basin, The International Forum "Strategy of the Arab World Water Security" 18 - 21 December, 2011, Naif Arab University for Security Sciences, in press.
- Abuel Enein, M. and Sharaky, A.M., eds., 2011, "The Revolution of January 25th, 2011 and the future of Egypt's relations with the Nile Basin States" 30 - 31 May, 2011, Cairo University.
- Sharaky, A.M., 2011, Ethiopian Renaissance Dam (Millennium) and its impact on Egypt and Sudan, The International Conference "The Revolution of January 25th, 2011 and the future of Egypt's relations with the Nile Basin States" 30 - 31 May, 2011, Cairo University, pp. 341-350.
- Sharaky, A.M., 2011, Mineral Resources and Exploration in Africa, The International Conference "The Revolution of January 25th, 2011 and the future of Egypt's relations with the Nile Basin States" 30 - 31 May, 2011, Cairo University, pp. 1-20.
- Abuel Enein, M., Morad, H. and Sharaky, A.M., eds., 2010, The Egyptian–Sudanese Relations in the Light of Present Circumstances" 12-13 December 2010, Cairo University, 377 p.
- Abuel Enein, M., and Sharaky, eds., 2010, Prospects for cooperation and integration among the Nile Basin States, Volume I, Cairo University.
- Abuel Enein, M., and Sharaky, A.M., eds., 2010, Prospects for cooperation and integration among the Nile Basin States, Volume II, Cairo University.
- Sharaky, A.M., 2010, Water resources in Sudan in case of Southern Sudan secession. The International Conference "The Egyptian–Sudanese Relations in the Light of Present Circumstances" 12-13 December 2010, Cairo University, pp. 236-258.
- Sharaky, A.M., 2010, Water projects in Ethiopia and their effects on the future of Nile water. The International Conference "Prospects for cooperation and integration among the Nile Basin States: opportunities and challenges" 25-26 May 2010, Cairo University, pp. 159-191.
- Sharaky, A.M., 2009, Emerald mineralization in Africa: A case study from Marsa Alam district, Egypt. The Second International Conference Development of Natural Resources in Africa, 11-12 May, 2009, pp.
- Sharaky, A.M., Oweiss and Kh.A., Abdel Maksoud, K.M, 2009, Geology and geochemistry of Al Fawakhir mining district, Central Eastern Desert, Egypt. The Second International Conference Development of Natural Resources in Africa, 11-12 May, 2009.

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