

EDUCATION / DEGREES

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Philosophy of Doctorate Degree in Science, December 2017

Environmental Geology

Geology Department, Faculty of Science, Al-Azhar University, Egypt.

- Title of the Ph.D. thesis: "Hydrogeochemical studies on the water resources and soil characteristics in the western bank of the River Nile between Abu Qurqas and Dayr Mawas, El Minya Governorate, Egypt".

Master Degree in Science, Applied Mineralogy

Geology Department, Faculty of Science, Al-Azhar University, Egypt.

- Title of the M.Sc. thesis: " Geological studies on wadi deposits of Esh El-Mellaha area, the western coastal plain of the Red Sea-Egypt".

Bachelor Degree in Science, Special Geology

Grade: Very Good (78.9%) With honor degree

Geology Department, Faculty of Science, Al-Azhar University (Assuit branch), Egypt.

December 2011

May 2003

EMPLOYMENT HISTORY

Researcher/ Lecturer at National Research Centre, Egypt **February 2018 to Now**

Researcher/ Lecturer assistant at National Research Centre, Egypt. **September 2012 to March 2018**

Assistant Researcher/ Lecturer at National Research Centre, Egypt. **July 2011 to september 2012**

Fellowship at National Research Centre, Egypt. **July 2006 2006 to July 2011**

Fellowship at Desert Research Centre, Egypt. **February 2006 to July 2006**

Teacher of Science subject at Preparatory stage in Ministry of Education **January 2005 to December 2005**

PROFESSIONAL MEMBERSHIP

- Geologic Society of Egypt **from 2011**
- Egyptian Society of Environmental **from 2017**

SKILLS

- Image processing **Research**
- Geology, mineralogy, Environmental.
- Windows - Microsoft Office Applications - Internet- Upkeep hardware & software – Photoshop – Illustrator - Surfre – Grapher – GIS - SSP. **Computer**

SCIENTIFIC ACTIVITIES

- Al-Azhar University, Faculty of Science, Geology Department, Egypt, Research Student ph.D. **2014 to 2017**
- Al-Azhar University, Faculty of Science, Geology Department, Egypt, Research Student M.Sc. **2006 to 2011**

EDUCATION ACTIVITIES

Teacher of Science subject at Preparatory stage in Ministry of Education **December 2004 to December 2005**

LANGUAGES KNOWLEDGE

- **English** Very Good (reading, writing, and verbal), local toefl.
- **Arabic** Native Language.

AREAS of INTEREST

- Mineralogy, petrography, mapping and GIS.

LIST of PUBLICATIONS

- Sabet, H., El-Gohary, A., Salman, S. and **Asmoay, A.**, 2017. Evaluation of Surface Water for Different Uses in the Area Between Abu Qurqas - Dyer Mawas Districts, El Minya Governorate, Egypt. IJISSET - International Journal of Innovative Science, Engineering & Technology, Vol. 4 Issue 1, pp. 120-128, January 2017.
- El-Gohary, A. M., Sabet, H. S., Salman, S. A. and **Asmoay, A. S.**, 2017. Hydrogeochemistry of groundwater quality in the area between of Abu Qurqas - Dayer Mawas districts, El Minya Governorate, Upper Egypt. International Journal of Recent Advances in Multidisciplinary Research, Vol. 4, Issue 4, pp.2493-2497, April, 2017.
- Elnazer, A. A., Salman, S. A. and **Asmoay, A. S.**, 2017. Flash flood hazard affected Ras Gharib city, Red Sea, Egypt: a proposed flash flood channel. Nat Hazards Springer Journal, Vol. 89, pp.1389–1400, August, 2017.
- Salman A. Salman, **Ahmed A. Asmoay**, Amr El-Gohary, Hassan Sabet. Evaluation of human risks of surface water and groundwater contaminated with Cd and Pb south of El-Minya Governorate, Egypt. Drink. Water Eng. Sci., 12, 23–30, 2019. <https://doi.org/10.5194/dwes-12-23-2019>.
- E. A. Abou El-Anwar , H. S. Mekky, S. A. Salman, A. A. Elnazer, W. Abdel Wahab and **A. S. Asmoay**. Mineralogical and petrographical studies of agricultural soil, Assiut Governorate, Egypt. Bulletin of the National Research Centre (2019) 43:30, <https://doi.org/10.1186/s42269-019-0068-z>.
- E. A. Abou El-Anwar , H. S. Mekky, W. Abdel Wahab, **A. S. Asmoay**, A. A. Elnazer and S. A. Salman. Geochemical characteristics of agricultural soils, Assiut governorate, Egypt. Egypt. Bulletin of the National Research Centre (2019) 43:41, <https://doi.org/10.1186/s42269-019-0080-3>.
- **Ahmed S. A. Asmoay** , Salman A. Salman, Amr M. El-Gohary and Hassan S. Sabet. Evaluation of

heavy metal mobility in contaminated soils between Abu Qurqas and Dyer Mawas Area, El Minya Governorate, Upper Egypt. Bulletin of the National Research Centre (2019) 43:88, <https://doi.org/10.1186/s42269-019-0133-7>.

- H.S. Mekky, E.A. Abou El-Anwar, S.A. Salman, A.A. Elnazer, W. Abdel Wahab and **A.S. Asmoay**. Evaluation of Heavy Metals Pollution by Using Pollution Indices in the Soil of Assiut District, Egypt. Egypt.J.Chem. Vol. 62, No. 9. pp.1-11 (2019). <http://doi.org/10.21608/EJCHEM.2019.9720.1654>.
 - Salman Salman, Esmat Abou El-Anwar, **Ahmed S Asmoay**, Hamed Mekky, Wael Abdel Wahab, Ahmed Abdefattah Elnazer. Chemical Fractionation and Risk Assessment of Some Heavy Metals in Soils, Assiut Governorate, Egypt. (2021).Egyptain Journal of Chemistry. <https://dx.doi.org/10.21608/ejchem.2021.59371.3276>. (2021)
 - Salman Salman, Esmat Abou El-Anwar, **Ahmed S Asmoay**, Ahmed Abdefattah Elnazer. Geochemical, mineralogical and pollution assessment of River Nile sediments at Assiut Governorate, Egypt. Journal of African Earth Sciences, (2021). <https://doi.org/10.1016/j.jafrearsci.2021.104227>. (2021).
 - Ahmed Mohamed, **Ahmed Asmoay**, Fahd Elsheri, Ahmed Abeelrady, Abdullah Othman. Hydro-Geochemical Applications and Multivariate Analysis to Assess the Water–Rock Interaction in Arid Environments. Applied Sciences 12 (13), 6340. <https://doi.org/10.3390/app12136340>. (2022).
 - Ahmed Mohamed, **Ahmed Asmoay**, Saad Alarifi, Musaab Mohammed. Simulation of Surface and Subsurface Water Quality in Hyper-Arid Environments. Hydrology 10 (4), 86. <https://doi.org/10.3390/hydrology10040086>. (2023).
 - **Ahmed Asmoay**, Ahmed Mohamed, Fahad Alshehri, Nguyen Thi Thuy Linh, Nadhir Al-Ansari, Abdullah Othman. Water quality assessment in dry regions using statistical methods. Journal of King Saud University-Science 35 (5), 102665. <https://doi.org/10.1016/j.jksus.2023.102665>. (2023).
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