

Curriculum Vitae

Nawrass Nahid Ameen (PhD)

*Assistant professor in
Geophysics*

Birthplace: Basrah – Iraq

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Academic Education

- **2010 – 2014** PhD. in Geophysics, University of Tübingen, Germany.
- **June 2010- Oct. 2010** German language course at Goethe Institute in Mannheim-Germany, passed successfully with A2 level certificate.
- **2002 – 2006** MSC. Geology – Geophysics, Baghdad University, with grade (79.110%).
- **1998 – 2002** BSC. Geology – Geophysics, Baghdad University, with grade (66.805%).
- **1994 – 1998** High school, Samawah high school for boys, with grade (79.714%).

Work Experience

- **Peer reviewer** in high ranked international journal (Environmental Earth sciences)
<https://publons.com/dashboard/records/review/>
- **Examiner of thesis/dissertation** oral defense committee member for many students at the Universities of Baghdad and Basrah, since 2020.
- **Oct. 2020 to Feb. 2024** Head of continuing Education Center at Al-Muthanna University, Iraq.
- **Sep. 2016- to July 2020** Associate Dean for scientific affairs, college of education for pure science, University of Muthanna- Iraq. (Teaching General Geology and English language course).

- **Sep. 2015 – Sep. 2016** Head of Department of Environment & Pollution, University of Muthanna-Iraq. Department of Environmental pollution. (Teaching General Geology and Environmental pollution).
- **22 –30th Dec. 2015** Member of the University team accompanying the Scientific Diving Center (SDC) of TU Bergakademie Freiberg during their diving mission in Sawa Lake, southern Iraq.
- **Oct. 2010 – Sep. 2014** PhD candidate at the University of Tübingen, Faculty of Science, Dept of Geosciences/ Geophysics working group.
- **Dec. 2006 – June 2010** University lecturer at the University of Al-Muthanna, Samawa district- Iraq.

Skills and Achievements

- **June-Oct. 2010** Intensive German language course, Mannheim – Germany.
- **IT skills:** Microsoft Office package (Excel, Word, PowerPoint, Outlook, and Access).
 - Adobe Illustrator and the Geoscience Golden software Grapher and Surfer.
 - Familiar with MatLab.
 - Irmunmix V2.2 (separation of magnetic mineral components in soil and rock samples).
 - Cureval 8.0 (thermomagnetic analysis of soil and rock samples).
- **Presentation skills:** Excellent presentation skills in English.
- **Environmental magnetism:** Interpretation of soil contamination with hydrocarbons, heavy metals or other sources using the magnetic methods.

Conferences

- **European Geosciences Union (EGU)** in Vienna, Austria, 2012.
- **Nawrass N. Ameen**, Nicole Klüglein, Erwin Appel, Eduard Petrovský and Andreas Kappler. Magnetic properties changes due to hydrocarbon contaminated groundwater table fluctuations. (Abstract for a poster presentation). European Geosciences Union (**EGU**) in **Vienna, Austria, 2013**. <http://meetingorganizer.copernicus.org/EGU2013/EGU2013-1712.pdf>
- **Nawrass N. Ameen**, Nicole Klüglein, Erwin Appel, Eduard Petrovský and Andreas Kappler. Magnetic properties changes due to hydrocarbon contaminated groundwater table fluctuations. (Abstract for a poster presentation). American geophysical union (**AGU**) in **San Francisco, California, USA, 2013**. <https://ui.adsabs.harvard.edu/abs/2013AGUFMGP53A1111A/abstract>
- **Nawrass N. Ameen**. A preliminary magnetic study of Sawa lake sediments, Southern Iraq. (Abstract for a poster presentation). European Geosciences **Union (EGU)** in **Vienna, Austria, 2016**. <http://meetingorganizer.copernicus.org/EGU2016/EGU2016-1307.pdf>

Publications and Active Projects

- **N.N. Ameen**, Khwedim, K. (2025). Magnetic Properties Change in Street Dust in Baghdad City, Iraq. *Iraqi Journal of Science*, Vol. 66, Issue 1. <https://orcid.org/0000-0002-4457-0094>
- **N.N. Ameen**. (2025). Assessing the environmental situation of Euphrates river sediments using magnetic susceptibility techniques in Al-Muthanna province, south-west Iraq. *Accepted for publication in Iraqi National Journal of Earth Sciences*.
- **N. N. Ameen**, (2023). Monitoring of Soil Pollution in Agricultural Lands Using Magnetic Susceptibility and Mineralogy Analyses, North Al-Muthanna Province, Iraq. *Iraqi Geological journal*, Vol.1A, pp: 88-99. <https://doi.org/10.46717/igj.57.1A.8ms-2024-1-19>
- **N. N. Ameen**. (2020). Topsoil magnetic susceptibility and heavy metal contamination: a case study in al- Muthanna province, Iraq. *Iraqi Journal of Science*, Vol. **61**, No. 2, pp: 371-381. <https://doi.org/10.24996/ijs.2020.61.2.15>
- **N.N. Ameen**. (2020). Assessment of urban soil contamination using magnetic properties in the Shu'aiba area, Basrah governorate, south Iraq. *Iraqi bulletin of geology and mining*. vol.16, no.2, 2020, p 109-117. <https://ibgm-iq.org/ibgm/index.php/ibgm/article/view/420/412>
- **N. N. Ameen**, Laith Rasheed L., Khwedim K. (2019). Evaluation of Heavy Metal Accumulation in Sawa Lake Sediments, Southern Iraq using Magnetic Study. *Iraqi Journal of Science*, Vol. 60, No. 4, pp: 781-791. <http://scbaghdad.edu.iq/eijs/index.php/eijs/article/view/661>
- Khwedim, K., Schneider, M., **N. N. Ameen**. (2017). The Dibdibba aquifer system at Safwan–Zubair area, southern Iraq, hydrogeology and environmental situation. *Environ Earth Sci*, 76: 155. <https://doi.org/10.1007/s12665-017-6469-0>.
- **N. N. Ameen**, Klueglein N., Appel E., Petrovský E., Kappler A., Leven C. (2014). Effect of hydrocarbon-contaminated fluctuating groundwater on magnetic properties of shallow sediments. *Stud. Geophys. Geod.*, **58**, 442-460. <https://link.springer.com/content/pdf/10.1007/s11200-014-0407-3.pdf>
- **N. N. Ameen**, Tariq S. Aldin. (2008). Measuring some of geotechnical properties of rocks for engineering purposes in Al Samawa city. *Journal of Al-Qadisiya for pure science (seasonal)*. Vol.13,178-199.
- Magnetic mineralogy signature and heavy metals near the oil fields area in Basrah City, southern Iraq. *Active project*

Languages

- Arabic (mother tongue).
- English (Fluent, high skills of speaking, writing, and scientific publishing).
- German (Good, speaking and writing).
- Spanish (Basics).

Activities and Interests

- Reading literature.
- Sports: swimming, jogging.
- Cultural Dialogue (Travelling around Europe helped develop my communication skills through meeting a variety of people).
- Active member and supervisor of the lecturer's committee research group aiming to publish in high-rank international journals.
- Supervisor of many different students' research projects.
- Expert in fundraising for different projects.

Membership

- Iraqi Geologists Association.
- International Association for Promoting Geoethics – IAPG, Head of Iraq section.
- A member of the international Geopark Committee

Awards

- German Academic Exchange services (DAAD) 2010-2014
- Research visit to Helmholtz Centre Potsdam · GFZ German Research Centre for Geosciences. Potsdam, Germany. August, 2023