

Mohammed Mirza Agha Mahmood

Erbil Governorate / Soran Independent Administration / Mergansur District

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Education and Qualifications

- Bachelor of Arts: Geographic Department / Soran University -Average 94.237 (2017-2021)
- Diploma of Management Department/ Soran Technical Institute - Average 86.1 (2015-2017)

Leadership and communication experience

- Leader of **Geo Club** at Soran University for three years (2018-2021)
- Get in award Rwanga Foundation (Youth Volunteers Initiative 2020) for (Environmentalism family), our project was chosen as the best project all over the Kurdistan Region. (2020)
- Fall 2020 Global Solutions Sustainability Challenge by IREX (2019-2020)
- Creating a relationship with ESRI company, the holder of License codes for all the programs of this company. (2022)

Experience

- **Head of GIS Lab at Scientific Research Center / Soran University** (2021-2024)
- **Member of Economic Research Center of Soran University / IREX / Embassy of the United States of America** (2022-2024)
- The founder of (Cityscape Hub Center Urban, "Planning & GIS"). With financial aid VNG International. (2023)
- Member of Master Plan Team of 2022 • Shailaja District • GIS (2022)
- Experience at Adobe Illustrator Program • Designer at Twana Publication • Soran District (2019-2023)
- Experience in Geographic Information Systems in these Fields: Transportation – Hydrology – LC/LU Model – Land Surface temperature LST - Spatial Data – Modeling –Sustainability Model -Data Management – Spatial Analysis – Digitizing and Topology.
- At the Scientific Research Center, leader of project (Creation of Atlas of Soran Independent Administration) (2023)

Research and Writings

- Publishing research at Annals of the American Association of Geographers impact factor 3.4 under title (Enhancing Solar Power Plant Location Selection Through Multicriteria Decision-Making with the Analytic Hierarchy Process) <https://doi.org/10.1080/24694452.2024.2373795>
- The writer of a book titled (A Gateway to the Natural Geography of Merganser-Barzan District) <https://bit.ly/44eYgHr>
- The creator of a Management Map title of (map of merganser District (Barzan Region)) <https://bit.ly/45ym0am>
- A research under the title of (Multi-Criteria Decision Analysis Technique for Solar Power Sites Selection in Duhok Governorate – Iraq) <https://bit.ly/3E61KKJ> and <https://bit.ly/3P7VGyG>
- An Orator at the Koya University first International Conference about climate change with the research of (Urbanization and Its Impacts on Land Surface Temperature in Erbil City in The Kurdistan Region of Iraq) <https://bit.ly/45yl85A> and [Mahmood \(koyauniversity.org\)](https://koyauniversity.org)
- Participation at the Third Student Conference of Soran University by this research (Site selection for Natural reserves using GIS case study Mergasor district). <https://bit.ly/45vjth3>
- Research under the title of (Hydrographic analysis of rainwater runoff) and presenting plans to face those problems and issues that occur during downpours. <https://bit.ly/3P6NMW8>

Skill

- Language: Kurdish, English, Persian.
- Computer: SQL Several Management, Excel, Word, PowerPoint.
- Design: Adobe Illustrator, One page.
- GIS and Remote Sensing: ArcGIS Enterprise, ArcMap, ArcGIS-Pro, Erdas Image, ENVI, SPSS.

Activities

- Futsal Player in The Geography Student Team (2017-2021)
- Head of all activities for the anniversary of GIS Day at Soran University (2017-2021)
- Holding two GIS workshops, one of them for students and another for Engineering Employment. (2022-2023)
- Here are some of the certificates <https://rb.gy/4766ue>