

Dr. Majed Mahmoud Faris Ibrahim
(Associate Professor)

Work Address	<i>Remote Sensing & GIS Department</i> Earth and Environmental Sciences Institute (EESI). <i>Al al-Bayt University</i> <i>Al-Mafraq, Jordan</i>
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E-mail	majed.ibrahim@aabu.edu.jo
Nationality	Jordanian
Place of Birth	Al Mafraq – Jordan – 19-07-1986
Education	
2011-2014	<i>PhD in Remote Sensing and Landscape Information System - University of Freiburg</i> . Title of Doctoral Thesis: “ The Use of Geoinformatics in investigating the impact of agricultural activities between 1990 and 2010 on land degradation in NE of Jordan ”. Funded by Al al Bayt University.
2008-2010	<i>MSc. in Remote Sensing & GIS Al al-Bayt University, Al-Mafraq, Jordan</i> Title of Master Thesis: “ Environmental Assessment of land Use Using Remote Sensing & GIS Techniquse in The Irbid Area ”
2004-2008	<i>BSc. in Geological and Environmental Sciences</i> Al al-Bayt University, Al-Mafraq, Jordan.

**Professional
Activities**

University of Al Al-Bayt, Mafraq, Jordan 2020- up to date (50%)

Director of Academic Accreditation.

University of Al Al-Bayt, Mafraq, Jordan 2019- up to date (50%)

Associate Professor and Researcher, GIS and Remote Sensing Department – Earth and Environmental Sciences Institute (EESI).

Freiburg University, Freiburg, Germany 2019-2019 (Two Months)

Research Visitor for the LST project unentitled (Land Surface Temperature in the Arid and Semi-Arid Lands)

University of Al Al-Bayt, Mafraq, Jordan 2017- 2019

Head of the GIS and Remote Sensing Department – Earth and Environmental Sciences Institute (EESI) (Assistant Professor and Researcher)

University of Al Al-Bayt, Mafraq, Jordan 2014- 2019

Assistant Professor and Researcher in the GIS and Remote Sensing Department

University of Al Al-Bayt (Science in Aviation College) and King Husain Air College 2014- 2018

Instructor in the Science in Aviation Department

Freiburg University, Freiburg, Germany 2011-2014

Researcher in the Remote Sensing Techniques in the soil and agriculture Field and Mapping water.

University of Al Al-Bayt, Mafraq, Jordan 2010- 2011 Researcher

Assist with Some research project by assignment supervisor:

Drinking water quality of some water wells at Marfaq Governorate from 3/2010 to 3/2011, supervised by Prof. Adnan Harahshah (Al al-Bayt University).

Hashemite University, Zarqa, Jordan 2009 -2008

Researcher

Analysis Soil (Sieve Analysis) of some Sample at Dead Sea from at 7/2008 to 9/2009, Supervised by Prof. Faiz Assid (Al Hashmiah University).

University of Al Al-Bayt, Mafraq, Jordan 2007 -2008

Analysis Soil of some Sample at north-eastern Jordanian Badia; from 6/2007 to 2/2008. Supervised by Prof.NizarabuJaber& Dr. Iyadaboud (Al al-Bayt University).

Ministry Of Education, Al-Mafraq, Jordan 2008 - 2011

Secondary School Teacher

Teaching the following subject (you can write something like I have prepared the lessons, the exams etc.)

Membership

- Member in Jordanian geologist association
- Remote Sensing and Geology Group

Workshops

Climate Change Impact on Biodiversity University of Al Al-Bayt, Mafraq, Jordan – 2011

Courses

Remote sensing, Microwaves, Image analysis
Remote sensing Application in Geology
Research Skills.
Soil Sciences
Mapping (Aviation Science)

Personal Skills

Languages

Arabic Native Language

English good for the work (Speaking and writing)

German Basic level

Computer Skills

Competent with PC Microsoft office (Word, Excel & Power point), Statistical software (R, R studio), Adobe Reader, Email, Internet browser, and the use of data bases. Geoinformatics software (Arc GIS Map, EDRDAS, QGIS, ENVI, GPS), Geology software (Surfare 16, Rock work 16).

Technical Skills

I took a part in the following project 'Drinking water quality of some water wells at Mafraq Governorate' and my main duty was to analyze water

Sampling:

Flame photometer.

IC (Ionic Chromatography).

ICP (Ionic Chromatography Plasma).

Publications

- Tarrad, M., **Ibrahim, M.** (2020). The Natural Limestone Material (limestone) in Jordan as a Material that has been Adapted to be a Local Architecture Feature with an Architectural Identity by using Remote Sensing Techniques (Under-Process)
- **Ibrahim, M.**, Koch, B., Datta, P. (2020). Evaluate the Effect the Land Surface Temperature in the Arid and Semi-Arid Lands Using Potential Remote Sensing Data and GIS Techniques. Int. J. of Global Warming (Forthcoming). DOI: 10.1504/IJGW.2020.10031655
- **Ibrahim, M.**, Al-Mashaqbah, A., Koch, B., & Datta, P. (2020). An evaluation of available digital elevation models (DEMs) for geomorphological feature analysis. Environmental Earth Sciences, 79(13), 1-11.
- Al-Harashsheh, S., Masad, M., **Ibrahim, M.**, Al-Awaideh, S., Alnawaiseh,

- A. (2020). Study of Municipal Landfill Site for Dioxin/Furan and Chlorinated Pesticides for Al-Husainiyat landfill in Al-Mafraq Jorda. Fresenius Environmental Bulletin Journal.
- **Ibrahim, M.,** Shatnawi, A. (2020). Delineate Groundwater Potential Recharge Sites Using Math Approach in Remote Sensing and GIS Techniques. groundwater for sustainable development Journal (under-process).
 - **Ibrahim, M.,** Ghanem, F., Al-Salameen, A. and Al-Fawwaz, A. (2019) The Estimation of Soil Organic Matter Variation in Arid and Semi-Arid Lands Using Remote Sensing Data. International Journal of Geosciences, 10, 576-588.
 - Al-Harabsheh, A., **Ibrahim, M.,** Elboughdri, N., Al-harabsheh, M and Aljbour, S. (2019). Groundwater vulnerability mapping of Jordanian phosphate mining area based on phosphate concentration and GIS: Al-Abiad mine as a case study. International Journal of Hydrology Science and Technology. V (9). N (6).
<https://doi.org/10.1504/IJHST.2019.10018392>
 - **Ibrahim, M.,** Al-Zyoud, S. and Elhaddad, E. (2018) Surface Water Quality Monitoring for River Nile, Egypt Using GIS-Techniques. Open Journal of Geology, 8, 161-173.
<https://doi.org/10.4236/ojg.2018.82010>
 - **Ibrahim, M.** and Abu-Mallouh, H. (2018) Estimate Land Surface Temperature in Relation to Land Use Types and Geological Formations Using Spectral Remote Sensing Data in Northeast Jordan. Open Journal of Geology, 8, 174-185. <https://doi.org/10.4236/ojg.2018.82011>
 - **Ibrahim. M,** Al-Mashagbah. A., 2016. Change Detection of Vegetation Cover Using Remote Sensing Data as a Case Study: Ajloun Area. Civil and Environmental Research. Vol.8, No.5
 - **Ibrahim. M,** Al-Mashakbeh. H., 2016. Integrating Lithostratigraphic Units and GIS-Analysis Techniques to Modified Surface Water Quality

Index. Journal of Environmental Protection . Vol 7(08):1104-1112.

- **Ibrahim. M** . 2016. Modeling Soil Salinity and Mapping Using Spectral Remote Sensing Data in the Arid and Semi-arid Region. International Journal of Remote Sensing Applications. doi: 10.14355/ijrsa.2016.06.008
- **Ibrahim. M** . 2016. Temporal Interpretation for Land Use/Land Cover Changes Using Multispectral Images: Irbid as a Case Study Journal of Natural Sciences Research. Vol.6, No.5,
- Al-Amoush, H., Al-Shabeeb, A.R., Al-Ayyash, S., Al-Adamat, R., **Ibrahim, M.**, Al-Fugara, A. and Rajab, J.A. 2016. Geophysical and Hydrological Investigations of the Northern Wadis Area of Azraq Basin for Groundwater Artificial Recharge Purposes. International Journal of Geosciences, 7, 744-760.
- **Ibrahim, M.** and Koch, B., 2015. Assessment and Mapping of Groundwater Vulnerability Using SAR Concentrations and GIS: A Case Study in Al-Mafraq, Jordan. Journal of Water Resource and Protection, 7, 588-596.
- **Ibrahim, M.** 2010, Environmental Assessment of land use Changes Using Remote Sensing and GIS Techniques Case Study: Irbid Area, the 10th International Conference of Jordanian Geologists Association and the 7th International Symposium on Middle East Geology, Jordan.

References

-Dr. rer. Nat. Matthias Dees. Albert-Ludwigs - Freiburg University; Chair of remote sensing and landscape information systems. D-79085 Freiburg, Germany. [Email:matthias.dees@felis.uni-freiburg.de](mailto:matthias.dees@felis.uni-freiburg.de); Tel.: +49-761-203-3697