

Dr. Ahmed Bahjat Khalaf

Assistant Professor of agriculture/Remote sensing

Education

2007-2009 Master.

Title of Thisses(Remote Sensing Applications for yield Estimation of Pinus brutia Stands in North of Iraq)

2013-2016 Ph.D.,

Title of Thisses(Regeneration of the fires affected forest by using R.S and GIS in Atrush region Northern of Iraq)

Work Experience

2016-Present Professor of Remote Sensing at the College of Agriculture .

Presentations

Example:

- A panel discussion (climate change and the role of forests in preserving the environment) on 4/5/2017.
- A course entitled (The role of remote sensing and geographic information systems in following up on natural disasters) on 10/27/2020.
- A course entitled (Managing Forest Fires Using Remote Sensing Techniques) on 4/1/2021.
- And more than 100 courses, workshops and seminars as a participant.

Publications

- Classification of vegetation cover and areas of forest fires in the Atrush region using R.S techniques and geographic information systems GIS - Diyala Journal of Agricultural Sciences Volume 7 Issue 1 of 2015.
- Biodiversity and natural regeneration of burnt and unburned forests in the Atrush region using R.S and GIS techniques - Diyala Journal of Agricultural Sciences Volume 8 Issue 2 Year 2016.
- The effect of some topographic factors on the natural regeneration of forests using remote sensing techniques and geographic information systems in the Atrush area / northern Iraq. Tikrit University Journal of Agricultural Sciences Volume 17 Issue (Special) for the year 2017 Proceedings of the Sixth Scientific Conference for Agricultural Sciences 28-29/3/2017.
- Using remote sensing techniques and geographic information systems to study the spatial distribution of burnt and unburned forest trees in Atrush - for the Third International Scientific Conference for Agricultural Sciences / Postgraduate Studies 2018 (2019).



Contact

[Your Address]

Departement of Soil and Water Resources,

[Your Email]

bahjatahmed098@gmail.com

Google scholar

https://scholar.google.com/citations?view_ar&hl=ar&user=w

Scopus

: <https://www.scopus.com/results/authorName?src=al&affilName=University+of+Diyala&src=al&sdt=al&sl=80&s=AUTHLASTNAME+Bahjat%29+AND+AFFIL%28University+of+Diyala&orcidId=&selectionPageSearch=awDocument=false&resultsPerPage=20&offsetCount=0&tooManySelections=false&authSubject=HLSC&authSubject=PHSC&authorPreferredName=&txGid=fdc657b0d8c312239cbd61f63e607>

- Detection of vegetation degradation in selected areas of Diyala governorate using remote sensing- International Congress on agriculture and animal sciences-2018- Alanya/ Turkey
- Classification of land covers in the Canaan region using remote sensing techniques R.S and geographic information systems GIS - The First Scientific Conference on Agricultural Research / College of Agriculture / University of Dhi Qar 2019.
- Preparing soil and vegetation maps for selected areas within Diyala Governorate using remote sensing and geographic information systems. Fayoum J. Agric. Res,&Dev 33 (Vol.33 No. 1(B) March,2019), 1-14.
- temporal spatial image- (Journal of Biodiversity and Environmental Sciences (JBES)12(6)-2018
- Use remote sensing techniques to estimation of vegetation factor (C) for selected areas in Diyala Governorate- Journal of Physics: Conference Series 1294, 1-9
- USE THE NDVI INDEX TO CLASSIFY THE LAND COVERS OF THE CITY OF BAQUBA AND ITS OUTSKIRTS- Mesopotamia Journal of Agriculture 47

- MONITORING THE DETERIORATION OF THE VEGETATION COVER IN THE KANAAN AREA USING REMOTE SENSIN AND GEOGRAPHIC INFORMATION SYSTE- Diyala Journal of Agricultural Sciences(11) 1-2019

- DETECTION LAND COVER CHANGES OF THE BAQUBA CITY FOR THE PERIOD 2014-2019 USING SPECTRAL INDICES- The Iraqi Journal of Agricultural Science51(3)-2020

- Remote sensing techniques and geographic information systems to study soil characteristics in baquba governorat- Indian Journal of Ecology48(2)-2021

- Use Some Spectral Indices to Follow the Flooding of The Diyala River- Journal of Physics: Conference Series 1818(1)-2021

Professional Memberships

Example:

- A member of the Academy of Enriching Knowledge.
- A member of the Indian Ecological Society.

Honors and Awards

- **4 letters of thanks from the Minister of Higher Education.**
- **4 letters of thanks and appreciation from the President of**

Diyala University.

- **10 letters of thanks and appreciation from the Dean of the College of Agriculture.**
- **More than 10 books of thanks and appreciation from the Director of Diyala Agriculture and other parties.**
- **More than 10 certificates of appreciation from different scientific bodies.**

Other Skills

Proficient in Microsoft Word, Excel, PowerPoint, Statgraphics, ArcMap, Erdas Imagine