



Ammar Saadi Ismaeel Yahya

عمّار سعدي إسماعيل يحيى

Associate Professor

ACADEMIC TITLES

2022-06-05 Associate Professor

TEACHING EXPERIENCE

Assessment professor

Tikrit university / College Agriculture / department of soil sciences and Water Resources

2011-09 - Present

COURSES

- Fundamentals of soil science (AGRSS10)
- Soil Survey and classification (AGRSS34)
- Soil Morphology (AGRSS29)
- Soil Management (AGRSS41)
- Soil survey and classification advance
- Programs remote sensing
- Soil Morphology advanced

ADMINISTRATIVE POSITIONS

2012-06-01 - 2012-11-12 Department rapporteur

2020-12-31 - 2023-04-27 Associate Editor

INTERNATIONAL MEMBERSHIPS

- Iraqi Society of Soil Science

PUBLICATIONS (3 4)

1. **Assessment of Degradation status for some calcareous soils in Kirkuk Governorate, northern Iraq**
IOP Conference Series: Earth and Environmental Science 1549 (1), 012036, 2025 | 2025
2. **Preparing a Map of the Spatial Variation of Ready Phosphorus in the Units of Gypsum Soil Series in Al-Dur District/Salah Al-Din Governorate**
IOP Conference Series: Earth and Environmental Science 1371 (8), 082052, 2024 | 2024
3. **Wheat Crop Management and growth stage monitoring in some gypsiferous soil units using remote sensing**
Tikrit Journal for Agricultural Sciences 24 (2), 131-160, 2024 | 2024 | Cited: 8
4. **Pedogenic and Spatial Distribution of Gypsum Content in Soil Series units in Al-Dur District in Salah Al-Din Governorate**
IOP Conference Series: Earth and Environmental Science 1371 (8), 082051, 2024 | 2024 | Cited: 1

CONTACT

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EDUCATION

بكالوريوس (01-07-2002)

Agriculture Sciences

Tikrit University

ماجستير (12-09-2011)

soil survey and classification

Tikrit University

دكتوراه (02-05-2017)

soil survey and classification

Tikrit University

RESEARCH METRICS

h-index (Scopus) 3

h-index (GS) 4

Citations (Scopus) 30

Citations (GS) 43

Documents (Scopus) 10

Documents (GS) 25

RESEARCH INTERESTS

• Soil Morphology-Soil Genesis-Soil Classification-Soil

Degradation- Remote Sensing - GIS



5. **Preparation of Land Cover and Land Use Maps for the Period 1976-2022 in Northern Kirkuk**
IOP Conference Series: Earth and Environmental Science 1262 (8), 082065, 2023 | 2023 | Cited: 1
6. **Preparing Maps of the Distribution of Organic Matter and Calcium Carbonate in Northern Iraq**
IOP Conference Series: Earth and Environmental Science 1262 (8), 082069, 2023 | 2023 | Cited: 2
7. **The Nature of the Effect of the Physiographic Location on the Spectral Behavior of Soil Horizons and the Distribution of Vegetation in Central and Northern Iraq**
IOP Conference Series: Earth and Environmental Science 1259 (1), 012021, 2023 | 2023 | Cited: 2
8. **The Nature of the Pedogenic and Geoinformatics Distribution of Iron Oxides in Different Physiographic Units**
IOP Conference Series: Earth and Environmental Science 1259 (1), 012025, 2023 | 2023 | Cited: 2
9. **Optical, morphological and Physico-chemical Properties For some soils in central and northern Iraq, using a digital camera**
Tikrit Journal for Agricultural Sciences 1) 22 مجلة تكريت للعلوم الزراعية 2022 | 2022
10. **GENESIS AND THE DEGREE OF DEVELOPMENT OF THE CLAY AND CALCAREOUS HORIZONS OF SOME SOILS IN NORTHERN IRAQ**
Int. J. Agricult. Stat. Sci. Vol 18 (1), 1617-1627, 2022 | 2022 | Cited: 1
11. **Optical, morphological and Physico-chemical Properties For some soils in central and northern Iraq, using a digital camera**
Tikrit Journal for Agricultural Sciences 22 (1), 169-184, 2022 | 2022 | Cited: 1
12. **Diagnostics and Characterization of Micro morphological Features of some Soil Series in Baiji City, Central Iraq**
Tikrit Journal for Agricultural Sciences 2) 22 مجلة تكريت للعلوم الزراعية 2022 | 2022 | Cited: 2
13. **Optical, morphological and Physico-chemical Properties For some soils in central and northern Iraq, using a digital camera**
Tikrit journal for agricultural sciences 22 (1), 169-184, 2022 | 2022 | Cited: 1
14. **Genesis and the degree of development of the clay and calcareous horizons of some soils in Northern Iraq.**
Int. J. Agricult. Stat. Sci. Vol 18 (1), 1617-1627, 2022 | 2022
15. **Evaluation and Biological properties maps of Gypsiferous Soil using Geomatic techniques, Tikrit city, Salahaldin, Iraq**
IOP Conference Series: Earth and Environmental Science 735 (1), 012067, 2021 | 2021 | Cited: 5
16. **Tikrit Journal for Agricultural Sciences**
2021
17. **IMPACT STUDY OF SLOPE ASPECT IN THE BOIOLOGICAL CRUST PROPERTIES OF SOME GYPSIFEROUS SOILS USING REMOTE SENSING AND GIS**
Plant Archives 20 (1), 3039-3050, 2020 | 2020 | Cited: 5
18. **IMPACT STUDY OF SLOPE ASPECT IN THE BOIOLOGICAL CRUST PROPERTIES OF SOME GYPSIFEROUS SOILS USING REMOTE SENSINGAND GIS**
Plant Archives 20 (1), 3039-3050, 2020 | 2020
19. **الخواص المورفولوجية والانعكاسية الطيفية لبعض الترب المتدهورة غرب طية مكحول**
Tikrit Journal of Pure Science 22 (7), 125-136, 2018 | 2018
20. **إستخدام تقانات الإستشعار عن بعد في تقييم حالة التدهور في التربة والغطاء النباتي غرب طية مكحول**
Tikrit Journal of Pure Science 22 (4), 125-137, 2018 | 2018
21. **محتوى الترب من بعض الاكاسيد كدالة لتطور التربة في محافظة نينوى/شمال العراق**
Tik. J. of Pure Sci. 21 (5), 139-147, 2018 | 2018
22. **تقييم حالة تدهور الاراضي في مشروع شمال تكريت باستخدام تقانات التحسس النائي**
2017 | جامعة تكريت / كلية الزراعة / قسم علوم التربة والموارد المائية, 2017
23. **Morphological characteristics and spectral reflectivity of some degraded soils west Fold Makhoul**
Tikrit Journal of Pure Science 22 (7), 125-136, 2017 | 2017
24. **Using of Remote Sensing Technologies in Monitoring The Change and Degradation of Vegetation cover and Soil West Fold Makhoul / Govenorate of Salahaddin**
The 1st Scientific Conference of Combating Desertification 1 (1), 328-342, 2017 | 2017

25. استخدام تقانات الاستشعار عن بعد في إعداد خارطة التربة غرب طية مكحول
NOOR PUBLISHING, 2017 | 2017
26. **Useing of Remote Sensing Technologies in Assessing Degradation of Soil and Vegetation Cover West Fold Makhoul**
Tikrit Journal of Pure Science 22 (4), 125-138, 2017 | 2017 | Cited: 6
27. **Morphological characteristics and spectral reflectivity of some degraded soils west Fold Makhoul**
Tikrit Journal of Pure Science 22 (7), 2017 | 2017
28. **Using of Remote Sensing technologies in Assessing Degradation of Soil and Vegetation Cover West Fold Makhoul**
Tikrit Journal for sciences pure 22 (4), 125-138, 2017 | 2017 | Cited: 7
29. **Soil content of some oxides as a function of the development in Ninavah Governorate/North Iraq**
Tikrit Journal of Pure Science 21 (5), 139-147, 2016 | 2016 | Cited: 4
30. **Soil content of some oxides as a function of the development in ninavah governorate/North Iraq**
Tikrit Journal of Pure Science 21 (5), 139-147, 2016 | 2016 | Cited: 1
31. محتوى الترب من بعض الأكاسيد كدالة لتطور التربة في محافظة نينوى / شمال العراق
مجلة تكريت للعلوم الصرفة 21 (5), 147-139, 2016 | 2016
32. **Use of Digital Analysis and GIS in Identification of Soil MapUnits of West Makhool Area of Salahddin Province**
مجلة تكريت للعلوم الزراعية 12 (1), 165-147, 2012 | 2012 | Cited: 2
33. استخدام طرق المعالجة الرقمية ونظم المعلومات الجغرافية في تشخيص وحدات خارطة الترب لمنطقة غرب مكحول في محافظة صلاح الدين
Tikrit Journal for Agricultural Sciences 12 (1), 147-165, 2012 | 2012 | Cited: 2
34. استخدام تقانات الاستشعار عن بعد ونظم المعلومات الجغرافية في إعداد خارطة الترب غرب طية مكحول
جامعة تكريت / كلية الزراعة / قسم علوم التربة والموارد المائية, 2011