



Curriculum vitae



Dr. Muzahim Saeed Younis

Department of Forestry , College of Agriculture and Forestry, University of Mosul, Mosul 41002, Ninawa, Iraq

muzahim_saeed@uomosul.edu.iq

Education			
Certificate	Specialization	Graduation year	University
B. Sc.	Forestry Sciences	1978	Mosul University / College of Agriculture and Forests / Iraq
M.Sc.	Forest management Sciences	1983	Mosul University / College of Agriculture and Forests / Iraq
Ph.D.	Forest management Sciences	1995	Mosul University /College of Agriculture and Forests / Iraq

Areas of Interest

1.

-Scientific activities:

Under Graduate courses :

- 1- Forest Management
- 2- Forest Planning
- 3- Computer Programming
- 4- Forest Mensuration
- 5- Regression method
- 6- Forest survey

Graduate courses :

- 1- Advanced Forest Management
- 2- Advanced Mensuration
- 3- Advanced of Multiple use of forest
- 4- Regression method .
- 5- forest Inventory.
- 6- Biomass allometric
- 7- Modeling forest growth and yield
- 8- Forest resource management

- 9- Stand structure
- 10- Growth and yield model .

Professional Qualification/ Membership/ Affiliation

- 1. Registered as membership of Agricultural Engineers since 1999.

Appointment

- 1. Appoint as Faculty membership 2001.
- 2. Appoint as Lecturer since 2011.

Publications

Journals

1-

- Effect of Coppices number on wood production of *Platanus Occidentalis* in Nenvaha Forest Plantation for (1996-2002). Al-Tagani Vol. 18 No. 3 (2005).
- Standard volume table for *Fraxinus Rotundfolia Mill* grown under Irrigated condition in Nineveh. Journal of Tikrit University for Agriculture Science Vol.(8) No.(2): 398- 403 .
- Height growth models for *Populus nigra* Stand grown at Zakho Rogion . Mesopotamia J. of agriculture Vol.(36) No(2) :127-135.
- Effect of width grown on The Taper of *Populus nigra* Stem in Zakho Region. Mesopotamia J. of agriculture Vol.(36) No(3).
- Site Index curves for Irrigated *Platanus Oriental's* Stands in Nineveh stem analysis. Journal of Tikrit University for Agriculture Science Vol.(2) No.(2).
-
- Estimation of Bark volume and Bark Factor of *Quercus suber l.* Grown in Karosh Forest in Algeria . Mesopotamia J. of agriculture Vol.(34) No(4).2006
- Yield estimation and the best Rotation age determination equations for Eucalptus plantation in Northern Iraq. Mesopotamia J. of agriculture Vol.(22) No(4).1990.

- Eucalyptus Stand volume table construction using non-linear model .
Mesopotamia J. of agriculture Vol.(21) No(2).1989.
- Volume growth estimation of Sycamore grown in Nineveh using
diameter growth . Mesopotamia J. of agriculture Vol.(21) No(1).1989.
- Merchantable volume and Taper Function for *Populus nigra* in Dibes
stands.
Journal of Tikrit University for Agriculture Science Vol.(2) No.(2).
- Estimated for basal area and volume of *Populus nigra* stand in Zakho
Region. Mesopotamia J. of agriculture Vol.(35) No(1).2007.
- COMPARISON BIODEVERSTY AND REGENERATION OF
BURN&UNBURN FOREST IN ATROOS REGION BY USING
R.S AND GIS.
- Biodiversity Mix Natural Forest distribution in Qara
Mountain Region. KIRKUK UNIVERSITY JOURNAL
FOR AGRI. SCI. VOL.(9). NO.(3) 2018.
- BIOMASS AND CARBON SEQUESTRATION ON
STAND OF POPULUS NORTHEN IRAQ.
- Above ground Dry Weight Estimation for *Populus nigra*
L .Trees In Zakho Region.
- The Effect of Spacing on Accumulation Basal Area of
Stand of *Pinus brutia* Ten. In Northern of Iraqi.
- Effect of coppice Number on wood production of
platenus occidentalis in Ninevah Forest plantation for (1996- 2002).
- Effect of Width Crown on the Taper of *Populus nigra*
Stem in Zakho Region.
- STUDY THE TREE FORM FOR *Pinus brutia* Ten.
SPECE IN NINEVAN STANDS.

- DISTANCE-DEPENDENT COMPETITION BINDICES FOR PREDICTING GROWTH OF *PINUS brutia* Ten. TREES IN ZAWEETA REGION.
- A new proposed technique for determination of competition factor for tree growth within a stand .
- ASSESSMENT OF NATURAL REGENERATION OF DIFFERENT FORMS OF GAPS IN ATRUSH FOREST.
-
- Determining and Mapping of forest species using Remote sensing and GIS in Amadiyah Province.
-
- Land Cover Classification, using Remote Sensing in Amadiyah Province.
-
- Effect of stand density on the biomass productivity of *Populus nigra* L. growing in Nineveh Plantation.
-
- The Effect of some Topographic Factors on Natural Regeneration of Forests Burnt and Unburned In Atroosh Area Using Remote Sensing RS And GIS Techniques.
-
- ALLOMETRIC REGRESSION EQUATIONS BETWEEN DIAMETER GROWTH AND AGE OF *VALONIA* OAK TREES GROWN IN DUHOK PROVINCE, Iraq.
-
- Modeling of Diameter Growth of *Valonia* Oak Trees Grown in Duhok Province, Iraq.
-
- Forest Scenic Beauty Index for Stand Variables of Mix Forest Growth in Duhok Governorate.

b. Regional: 2 papers

- Study The Tree form for *Pinus brutia* Ten. Space in Nineveh Stands

Aleppo University, college of Agriculture, the first Scientific Conferences 2008.

- Limiting The Vertical variance of annual ring area of *Populus nigra* Plantation in Nineveh.

Arab Science and Technology Foundation 2008.

Conference Proceedings

1-

Supervisor for Students of M.Sc. and Ph.D.

- The Effect of High Thinning on Yield Variance of Tree and Stand of *Populus nigra* in Zakho
- Studies on Tree Biometry Tables and Relationship's For *Populus Spp.* In the Northern Region.
- Biomass Estimation For short Rotations of *Populus nigra* Trees and Stand in Zakho Region.
- The Evaluation of Four methods of Cubic-Volume prediction of *Pinus brutia* Ten. In Dohuk province .
- Estimation of Yield of *Pinus brutia* Ten. Stands in Plantations of Sanjar Mountain .
- Site Index of *Pinus brutia* Ten. Stands in Sanjar Mountain .
- Estimation of Growth tables for *Populus nigra* in Zahko Region .
- Remote Sensing Applications for yield Estimation *Pinus brutia* Ten. Stands in Northern of Iraq.
- Modeling Natural mixed species hardwood forest stands in Kara mountains Northern of Iraq.
- Estimating Carbon Stock for(*Pinus brutia*Ten.) Stands in North of Iraq.

- Effect of stand variables on the relationship between leaf area , sapwood area ratio, of *populus nigra* L. Grown in Zakho region.

- Modeling Forest Scenic Beauty for Mix Forest Growth in Duhok Governorate

Supervising PhD student in Forest Management and Mansuration .

- Modeling of Profiles and Sand Internal structure Tree Stem of *Platanus Occidentaalis* in Nenvaha .
- EFFECT OF PLANTING DENSITY ON GROWTH AND STRUCTURE OF YOUNG *Populus nigra* L. TREES AND STANDS IN NINEVEH
- Evaluation of Natural Regeneration and Distribution of *Pinus brutia* Ten.Trees at Atroosh District
- SPATIAL ANALYSIS AND COMPETITION EFFECT ON GROWTH OF PINE FOREST .
- Dendrochronological study and modeling of growth functions of *Valonia* oak and bruttian pine grown in Dukok Region.
- Modeling of regeneration of the fires affected forest in atroosh region by using R.S and GIS.
- Natural regeneration in caps of the mixed forest in atroosh region.
- Modeling of Growth Functions of *Quercus aegilops* L. and Dendrological Analysis of *Pinus brutia* Ten. in Duhok Governorate.

- Forest Inventory Using of R.S and GIS in Dohuk province, northern Iraq

Certificates of Appreciation

- 1- The first Scientific Conferences for Technical Education Research (1988).
- The Third Conference For Technical Education Arab Research 2008.

e. Training :

- Circulation in Turkish forestry 1977.
- Circulation in university of Helsinki /college of forestry 1980 .

4-Academic posts:

Head of Forestry Department

Other Activities