



بيان بالمؤهلات العلمية والبيانات الشخصية
للدكتور/ طلعت رزق أحمد البشبيشي

Name : Talaat Rizk Ahmad EL-Beshbeshy.

Birth Date : 27 / 7 / 1955

Surname : EL-Beshbeshy

Position : Emeritus Professor of Soil Fertility and Plant Nutrition

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Family status : Married

Nationality : Egyptian

Qualification: المؤهلات العلمية

- Ph.D. Degree in (Soil Sciences), Minia University, (According channel system program with Kassel University. Germany) Minia, Egypt, 1990. •
- M.Sc. Degree in (Soil Sciences), Minia University, Minia, Egypt, 1983. •
- B.Sc. Degree in (Agricultural Sciences), Minia University, Minia, 1978. •

Employment history: التدرج الوظيفي

- Demonstrator in the Soil Science Department, Faculty of Agriculture, Minia University, Minia, Egypt. Three practical undergraduate courses (1978 - 1983). •
- Assistant Lecturer in the Soil Science Department, Faculty of Agriculture, Minia University, Minia, Egypt. Three practical undergraduate courses (1983 - 1988). •
- Ph. D. graduate in Kassel University, Germany (1988 - 1990). •
- Lecturer in the Soil Science Department, Faculty of Agriculture, Minia University, Minia, Egypt. Two undergraduate courses and five graduate courses (1990 - 1996). •
- Associate Professor in the Soil Science Department, Faculty of Agriculture, Minia University, Minia, Egypt. Two undergraduate courses and five graduate courses (1996 till March 2000). •
- Associate Professor in the Soil Science Department, Faculty of Agriculture, Tanta University, Tanta, Egypt. Two undergraduate courses and five graduate courses (from March 2000 till May 2001). •
- Associate Professor in the Soil Science Department, Faculty of Agriculture, Tanta University, Tanta, Egypt. Two undergraduate courses and five graduate courses (from March 2000 till May 2001). •

Professor in the Soil Science Department, Faculty of Agriculture, Tanta University, Tanta, Egypt (May 2001) •

Professional Experience:

- Jointly supervised ten Ph.D. theses and 13 MS.C •
- Participating in the examination and award Theses (Master and PhD). •
- Reviewer and member of the technical evaluation committee for Academy of Scientific Research and Technology (ASRT) and Science & Technology Development Fund (STDF) proposals •
- Reviewer and member of the technical evaluation committee for scientific committee to promote professors and assistant professors in Egypt , Iraq and Jordan •
- Reviewer and member of the technical evaluation committee for many scientific Journal in Egypt. •
- Participating in teaching the following courses in the Faculty of Agriculture at Minia and Tanta: •
- Fundamentals of Soil Science, Plant Nutrition, Soil Fertility and Fertilizer, International Course on Soil and Plant Analysis, Micronutrients and Chelating Compounds, Soil Chemistry and Chemical Analysis in Soils, Chemistry of fertilizers. •

Leadership activities:

- Head of Soil and Water Department, Faculty of Agriculture, Tanta University, Tanta, Egypt (from July,2004 till Jan.2009). •
- Vice Dean of the Faculty of Agriculture, Tanta University for education and students affair from 18-1-2009 till 17-1-2015. •
- Dean of the Faculty of Agriculture, Tanta University from 1-8-2014 till 10-11-2014. •
- Head of Soil and Water Research Center and experiences of Agriculture at the Faculty of Agriculture, Tanta University, from 1-8-2014 till 10-11-2014.. •
- Head of Safety and Occupational Health Unit, the Faculty of Agriculture – Tanta University, from 1-8-2014 till 10-11-2014. •

Awards : الجوائز

Tanta University Award for Publishing (five times) International Search for publication in :

- Remote Sens. 2020, 12, 3716; <https://doi:10.3390/rs12223716> (2020) •
- International Journal of Research and Science publication, 2(1):1-10. (2017) •

International soil and water conservation Research, 4, 293-303. .(2016) ●

<http://dx.doi.org/10.3846/16486897.2016.1184152>

JOURNAL OF ENVIRONMENTAL ENGINEERING AND LANDSCAPE ●

MANAGEMENT, 24(03): 218–231(2016)

Soil Use and Management Journal (2013) ●

الإشراف على الرسائل العلمية:

إجمالي عدد رسائل الدكتوراة: 10-----

إجمالي عدد رسائل الماجستير: 13-

المؤتمرات العلمية Scientific Meetings

- First National Conference on the problem of Land Degradation in Egypt. Minia, Egypt, February 2 - 5 1982.
- Second National Conference on the problem of Land Degradation in Egypt. Minia, Egypt, December 10 - 13, 1984.
- The Scientific Symposium on Cultural and Environmental Aspects of Fertilizer Use, Cairo, Egypt. November 25 - 28, 1991.
- The First National Conference on the Future of Land Reclamation and Development in Egypt. Minia, Egypt, November 2 - 5, 1992.
- Environmentally Sound, Location and Crop Specific Application of Fertilizers in Arid Areas of North Africa and the Near East. German / Egyptian / Arab Workshop . Cairo and Ismailia, Egypt, June 6 - 17, 1993.
- Minia First Conference for Horticultural Crops. Minia, Egypt, Oct. 19 – 21, 1993
- First Annual Symposium, Egyptian Society of Plant Nutrition and Fertilization . The National Research Center, Dokki- Cairo, sept. 1-2, 1997.
- Poverty and Environmental Deterioration in Rural Egypt. Minia - Egypt, Oct. 20-22,1997.
- Xth International Colloquium for the Optimization of Plant Nutrition. Plant Nutrition for the next Millennium. April 8-13, 2000 - Cairo, Egypt.
- First Egyptian and Syrian Conference, EL-Minia University and AL-Baath University on Agriculture and food in Arab world, December, 8-11, 2003- El-Minia, Egypt.
- 15th International Plant Nutrition Colloquium, September 14-19, 2005,- Beijing, China

Book edited and translated

- Principles of Plant Nutrition (In Arabic), Dar EL-Nashr for universities, Cairo, 1998.

- Plant nutrition (19690 •
 - Soilless cultures (2018) •
 - Fertilizers and Fertilization (2020) •
- .1

المهام العلمية (Scientific mission)

- Ph. D. graduate in Kassel University, Germany (1988 - 1990). •
 - Study visit to Kassel University, Germany (2 months during 1996) •
 - Visiting Professor at Kagawa University, Japan (3 months during 2001). •
 - Visiting Professor at Kassel University, Germany (2 months during 2005). •
 - Visiting Professor at Kassel University, Germany (3 months during 2008) •
- .1

عضوية المجلات العلمية Membership of professional association

- Soil Science Society of Egypt (SSSE), Cairo, Egypt. •
 - Journal of Agriculture sciences, Tanta University. •
 - Egyptian Society of Plant Nutrition and Fertilization, The National Research Center, Dokki, Cairo, Egypt. •
 - Egyptian Plant Society, Cairo University, Cairo, Egypt. •
 - Deutschen Bodenkundlichen Gesellschaft •
- .1 Alexandria Science Exchange, Alexandria University, Egypt

الابحاث المنشورة Journal Publications

1. Rania M. El-Shal, Ahmed H. El-Naggar , Talaat R. El-Beshbeshy , Esawy K. Mahmoud, Nasser. Abd El-Kader , Ali M. Missau i , Daolin Du , Adel M. Ghoneim and Mahmoud S. El-Sharkawy (2022). Effect of Nano-Fertilizers on Alfalfa Plants Grown under Different Salt Stresses in Hydroponic System; Agriculture **2022**, 12, 1113. <https://doi.org/10.3390/agriculture12081113>
2. Elsayed Said Mohamed, A. A El Baroudy, T. El-beshbeshy, M. Emam, A. A. Belal, Abdelaziz Elfadaly, Ali A. Aldosari, Abdelraouf. M. Ali and Rosa Lasaponara (2020). Vis-NIR Spectroscopy and Satellite Landsat-8 OLI Data to M Agriculture **2022**, 12, 1113. <https://doi.org/10.3390/agriculture12081113ap> Soil Nutrients in Arid Conditions: A Case Study of the Northwest Coast of Egypt. Remote Sens. **2020**, 12, 3716; <https://doi:10.3390/rs12223716> (Q 1)
3. El- sharkawy, m., El-Beshbeshy, T., Al-Shal, R and Mis-saoui, A.(2017). Effect of Plant Growth Stimulants on Alfalfa Response to Salt Stress. Agricultural Sciences, 8:267-291.
4. El- sharkawy, m.s, El-Beshbeshy, T. R, Hassan, S.M, Abdelkader, N.I, Al-Shal, R . M and Mis-saoui, A.M. (2017). Alleviating Salt Stress in Barley by Use of Plant Growth Stimulants and Potassium Sulfate. Journal of Agricultural Science 9 ,(4):136-154.

- Mahmoud, E.K., El-Beshbeshy, T. R, Abdelkader, N.I, Al-Shal, R .and .5
Naglaa, K. (2017). Bio Char Impacts on Physical Properties and Wheat
Yield of Salt Affected Soils. International Journal of Research and
Science publication, 2(1):1-10.
- Mahmoud Samir El-Sharkawy¹, Talaat Rizk El-Beshbeshy¹, Esawy .6
Kasem Mahmoud¹, Nasser Ibrahim Abdelkader¹, Rania Mohamed Al-
Shall¹, Ali M. Missaoui² (2017). Response of Alfalfa under Salt Stress
to the Application of Potassium Sulfate Nanoparticles , American
Journal of Plant Sciences, 2017, 8, 1751-1773
- Shokr,M.S, El baroudy, A.A., Fullen, M.A, El-Beshbeshy, T.R, .7
Ramadan,A.R, Abd Elhalim, Guerra, A and Jorge,M.(2016). Spatial
distribution of heavy metals in the middle Nile delta of Egypt.
International soil and water conservation Research, 4, 293-303. .
<http://dx.doi.org/10.3846/16486897.2016.1184152> (Q 4)
- Shokr,M.S, El baroudy, A.A., Fullen, M.A, El-Beshbeshy, T.R, .8
Ramadan,A.R, Abd Elhalim, Guerra, A and Jorge,M.(2016). Mapping of
heavy metal contamination in alluvial soils of the Middle Nile Delt of Egypt.
JOURNAL OF ENVIRONMENTAL ENGINEERING AND LANDSCAPE
MANAGEMENT, 24(03): 218–231. (Q 4)
- Ibrahim, M.M., El-Beshbeshy, T.R, Kamh, N.R. and Abou-Amer, A.I. .9
(2013). Effect of NPK and biofertilizer on data palm trees grown in Siwa
Oasis, Egypt. Soil Use and Management, 29: 315-321.
- Abd El-Halim A.A., M.M Ibrahim, T.R. El-Beshbeshy, H.H. Abd El-10
Maqsood and B. Lennartz (2010). Effect of Irrigation Scheduling and
Phosphorus Application Rates on Yield and Yield Components of
Cotton (*Gossypium Barbadens L.*) Grown in the Middle Nile Delta,
Egypt. Egyptian soil science society national conference, Cairo , Egypt
- Beshbeshy T.R (2005). GROWTH AND NUTRIENT UPTAKE OF .11
PEPPER PLANTS GROWN IN DIFFERENT SUBSTRATES AS
AFFECTED BY PHOSPHORUS LEVELS. 15th International Plant
Nutrition Colloquium, September 14-19, 2005,- Beijing, China, Sep 19,
2005
- Morsy, M.A.; K. Stahr; M.A. Sherif ; T.R. EL-Beshbeshy and W.S. .12
Abdel-Rahman (2003). Recycling of urban and rural Wastes of Egypt to
be used as organic fertilizers and for environment protection. First
Egyptian and Syrian Conference, EL-Minia University and AL-Baath
University on Agriculture and food in Arab world, El-Minia, Egypt.,
Nov 08, 2003

Sherif, M.A. and T.R. EL-Beshbeshy (2000). Effect of Silicon .13 application on P- zn interaction and their effect on growth and nutrients uptake by wheat grown in sandy soil. . J. Agric. Sci. Mansoura Univ., 25 (11): 7259-7266, Dec 01, 2000

EL-Beshbeshy T.R (2000). Partial substitution of chemical fertilization .14 by composted plant residues in the nutrition of wheat grown on sandy soil. Minia J. Agr. Res. and Dev, Sep 24, 2000.

EL-Beshbeshy T.R (2000). Interaction effects of phosphorus and silicon .15 on Si and P uptake by corn plants Grown in Hydroponic Split-Root Technique Xth International Colloquium for the Optimization of Plant Nutrition. Plant Nutrition for the next Millennium. April 8-13, Cairo, Egypt., Apr 13, 2000

EL-Beshbeshy T.R (2000). Potassium fertilization and growth substrate .16 effects on growth and nutrient content in cucumber plants. Xth International Colloquium for the Optimization of Plant Nutrition. Plant Nutrition for the next Millennium. April 8-13, Cairo, Egypt., Apr 13, 2000

EL-Beshbeshy T.R. and M.A. Shrif (2000). Effect of some growth .17 substrates on the growth and nutrient Uptake of pepper and eggplant Xth International Colloquium for the Optimization of Plant Nutrition. Plant Nutrition for the next Millennium. April 8-13, 2000 - Cairo, Egypt., Apr 03, 2000.

-EL-Beshbeshy T.R (2000). Partial substitution of chemical fertilization .18 by composted plant residues in the nutrition of wheat grown on sandy soil.

Minia J. Agr. Res. and Dev. 24(3): 423-437., Mar 12, 2000

EL-Beshbeshy, T.R. (1999). Effect of nitrogen source on growth and .19 mineral uptake by lettuce growth on hydroponic system. J. Agric. Sci. Mansoura Univ., 24 (11): 7085-7095, Nov 01, 1999

Effect of nitrogen source on growth and mineral uptake by lettuce .20 growth on hydroponic system . J. Agric. Sci. Mansoura Univ., 24 (11): 7085-7095., Jan 01, 1999.21

Sherif, M.A.; T.R. EL-Beshbeshy and C. Richter (1997). Response of some Egyptian varieties of wheat (*Triticumaestivum* L.) to salt stress through potassium application. .Bull. Fac. Agric. Univ. Cairo, 49 : 129-152, Dec 12, 1997

EL-Beshbeshy T.R.; M.A. Sherif, and C. Richter (1997). Greenhouse .22

- evaluation of extractants of available phosphorus, potassium, calcium, and magnesium in some soils from Egypt and Germany. First Annual Symposium, Egyptian Society of Plant Nutrition and Fertilization the National Research Center, Dokki- Cairo, sept. 1-2, 1997, Sep 01, 1997.
- Richter, C. ; Abd El-Haleem, A.A. EL-Beshbesy, T.R. and M.A. Shrif .23 (1997). Hydroponic Split-Root nutrition of mono and dicotyledon plants. II- Effect of the addition of micronutrients to monovalent nutrients. First Annual Symposium, Egyptian Society of Plant Nutrition and Fertilization. The National Research Center, Dokki- Cairo, sept. 1-2, 1997, Sep 01, 1997.
- Sherif, M.A.; T.R. EL-Beshbeshy ; C. Richter and B. Heiligttag (1997). .24 Evaluation of some methods for Multi-Nutrients extraction in som soils from Egypt and Germany.Zagazig J. Agric. Res. Vol.24 No (5), 861-874, Jun 01, 1997
- EL-Sayed, A.A.; M.K. Aly and T.R. EL-Beshbeshy (1994). Response .25 of Borage (*Borago officinalis* . L.) plants grown in two differrent soils to sources and levels of nitrogen fertilization. - Minia J. Agric. Res. & Dev., Vol. 16 A, No. 4: 1227 - 1248.1. 16 A, No. 4: 1227 - 1248., Dec 12, 1995
- salem, M.A. and T.R. EL-Beshbeshy (1995). Response of wheat "GIZA .26 164" plants to spraying with some micronutrients grown in new reclaimed sandy soils. Egyptian. J. Appl. Sci., Vol. 10 (3): 386 -402., Dec 12, 1995.
- Sherif, M.A.; T.R. EL-Beshbeshy and I. Zanouny (1995). Economics .27 of potassium fertilizer use in newly reclaimed soils cultivated with wheat. Egyptian. J. Appl. Sci. , 10 (8) : 444-460, Dec 12, 1995
- Beshbeshy, T.R. (1994). Effect of Ca-silicate slag on yield and uptake of .28 -phosphorus by barley plants grown in newly reclaimed soils. - Alex. Sci. Exch. Vol. 15, No. 4: 465-479. Jan 01, 1994.
- Zanouny, I.; T.R. EL-Beshbeshy and M.A. Sherif (1994). Profitability of .29 using Ca-silicate slag for production of corn. Minia J. Agric. & Dev., Vol. 16, No. 4: 1397-1408 ., Jan 01, 1994
- Abdel-Ati, Y.Y.; M.A. Sherif, and T.R. EL-Beshbeshy (1994). Residual .30 effect of Ca-Silicate slag and phosphorus on growth and yield of pea. Minia J. Agric. & Dev., Vol. 16 A, No. 4: 1083-1101., Jan 01, 1994.
- Sherif, M.A. and T.R. EL-Beshbeshy (1993). Relationship between .31 Olsen-extractable phosphorus and phosphorus uptake by sorghum and wheat plants in some soils of Egypt. African Journal of Agricultural Sciences Vol.20, No. 1: 103-113, Jan 01, 1993
- EL-Beshbeshy, T.R.; M.A. Sherif and T.M. Mosalem (1993). The effect .32 of Ca-silicate slag, sulfur and poultry manure on the availability of

phosphorus from superphosphate added to alluvial and highly calcareous soils. Egypt. J. Appl. Sci., Vol. 8, No. 7: 315-329, Jan 01, 1993

Abdel-Ati Y.Y. and T.R. EL-Beshbeshy (1993). Effect of Ca-Silicate .33 slag and phosphorus supply on growth, P- Uptake and yield of cucumber cultivar " BEIT ALPHA".. Minia J. of Agric. Res. & Dev. ,special issue (Minia first conference for horticultural crops) Vol. 15: 301 - 317., Jan 01, 1993

Mosalem, T.M.; T.R. EL-Beshbeshy and M.A. Sherif (1992). Effect of .34 rates and soil placement of basic slag with and without superphosphate on berseem (Trifoliumalexandrium). J.Agric. Sci. Mansoura Univ. 17(3):635 - 639., Jun 03, 1992.

32.Sherif, M. ; H.A. Hassan; M.A A.. Kishk and T.R. EL-Beshbeshy .35 (1992). Static deep water culture on open field. Eighth International Congress On Soilless Culture. Hunters Rest , proceedings, 391 - 398.

Sherif, M. A; O.H. Darwish and T.R. EL-Beshbeshy (1991). The use of .36 double pot technique for evaluating soil micronutrients defeciency. II- Mn Alex. Sci. Exch., Vol.12, No.4, 665-685, Dec 01, 1991

2. الأنشطة والخبرات في مجال ضمان الجودة والاعتماد

ورش العمل المتخصصة في مجال جودة وتطوير التعليم

1. المشاركة في مشروع تدريب أعضاء هيئة التدريس بكليات جامعة طنطا على تصميم وإنتاج وتطوير المقررات التي يقومون بتدريسها على هيئة وسائط متعددة تفاعلية للتعليم والتعلم من خلال الإنترنت. الممول من صندوق خدمة مشروعات تطوير التعليم العالي (HEEPF). بتطوير وتصميم ونشر مقرر تغذية النبات والمقرر على طلبة الكلية وذلك ضمن المشاركين

1. المشاركة بصفتي كوكيل الكلية لشئون التعليم والطلاب من الفترة 18 يناير 2009 حتى 17 يناير 2015م

2. المشاركة بصفتي كقائم بعمل عميد الكلية من الفترة أول اغسطس 2014 حتى نوفمبر 2014م

دورات مشروع تنمية قدرات أعضاء هيئة التدريس والقيادات

2. المشاركة في مشروع تدريب أعضاء هيئة التدريس بكليات جامعة طنطا على تصميم وإنتاج وتطوير المقررات التي يقومون بتدريسها على هيئة وسائط متعددة تفاعلية للتعليم والتعلم من خلال الإنترنت. الممول من صندوق خدمة مشروعات تطوير التعليم العالي (HEEPF).
3. المشاركة في مشروع تنمية قدرات أعضاء هيئة التدريس والقيادات بجامعة طنطا بحضور الدورات الآتية:

1 – الجوانب المالية (قيادات) في الفترة من 19 / 4 / 2005 حتى 21 / 4 / 2005

2 – إدارة البشر (قيادات) في الفترة من 6 / 6 / 2005 حتى 9 / 6 / 2005

3 = الجوانب القانونية (قيادات) في الفترة من 19 / 6 / 2005 حتى 21 / 6 / 2005

4 = الساعات المعتمدة (قيادات) في الفترة من 24 / 5 / 2006 حتى 25 / 5 / 2006

السيرة الذاتية لأعضاء هيئة
التدريس
قسم



جامعة طنطا
كلية الزراعة
وحدة ضمان

5 – إتخاذ القرار وحل المشاكل (قيادات) فى الفترة من 2006 / 8 / 1 حتى 2006 / 8 / 3

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