

CURRICULUM VITAE

Name : **DR. TASNEEM KHALIQ**

Designation : Assistant Professor (TTS)
(HEC, Approved supervisor for Ph. D)

Father's Name : Abdul Khaliq

Date of Birth : 01-12-1972

Domicile : Faisalabad (Punjab)

N. I.C. No. : 33100-4100705-3

Nationality : Pakistani

Marital Status : Married

Permanent Address : Chak No. 100/J.B. P.O. G. M. Abad Teh. & Distt. Faisalabad, Punjab, Pakistan

Postal Address : Agro-Climatology Lab., Department of Agronomy, University of Agriculture,
Faisalabad-Pakistan.

Phone No. (Res.) : +92-41- 8560076
(Office) : +92-41- 2409494
(Cell) : +92-333-8397076

FAX : +92-41-2409494

E-mail : drtasneem@uaf.edu.pk , tasneem1056@hotmail.com,



QUALIFICATION

Degree	Marks/C.G.P.A	%age	Division	Institution
Ph. D (Agronomy)	Qualified			University of Agriculture Faisalabad
M. Sc. (Hons.) Agri. (Agronomy)	3.49/4.00 661/900	73.44	1 st	University of Agriculture Faisalabad
B. Sc. (Hons.) Agri. (Agronomy)	3.50/4.00 2925/4000	73.13	1 st	University of Agriculture Faisalabad
F. Sc. (Pre-medical)	657/1100	59.73	2 nd	Govt. College, Faisalabad (B.I.S.E. Faisalabad)
Matriculation	706/850	83.06	1 st	Lab. High School U.A.F. (B.I.S.E. Faisalabad)

SCHOLARSHIPS:

- Talent Scholarship Holder (Matric) BISE, Faisalabad.
- IRSIP Scholarship for USA offered by Higher Education Commission of Pakistan during Ph. D

EMPLOYMENT RECORD

I- From: January 01, 2010 To: Continue

Assistant Professor (TTS), Department of Agronomy,
University of Agriculture, Faisalabad

II- From: July 1, 2009 To: December 31, 2009

Senior Agronomist, National Engineering Services Pakistan (Pvt) Limited (NESPAK)

March, 2008 To: June 30, 2009

Agronomist, National Engineering Services Pakistan (Pvt) Limited (NESPAK)

III- From: March 26, 2004 To: February 12, 2007

Agricultural Officer/ Farm manager,
Department of Agriculture (Ext. & AR), Govt. of the Punjab, Pakistan.

IV- From: Jan, 2001 To: December, 2002

Agronomist / Technology Transfer Officer, M/s Pan Pacific (pvt) Ltd.

TRAINING AND COURSES

- Training on Assessing Crop Production, Nutrient Management, Climatic Risk and Environmental Sustainability with Simulation Models (DSSAT). February 15- August 9, 2007, at the University of Georgia, Griffin, GA. USA. (Awarded by Higher Education Commission of Pakistan)
- Training programme on Monitoring & Evaluation of projects. Organized by Irshad Ahmad Professional development Centre, NESPAK (pvt) Limited, Lahore from Feb 18, 2009 to Feb 19, 2009 at Lahore.
- Training programme on Project proposal development. Organized by NESPAK Human Resource Unit, Lahore from Mar 24, 2009 to Mar 25, 2009 at Lahore.
- Training programme on Project proposal development. Organized by NESPAK Human Resource Unit, Lahore from Mar 24, 2009 to Mar 25, 2009 at Lahore.

- An Intensive Training Course on Remote Sensing and digital image Processing. November 29 to December 26, 2010. Organized by Directorate of Research & Faculty of Agricultural Engineering Technology with Cooperation of the University of Western Australia.
- Diploma in computer applications (MS Word, MS Excel, Win-97, MS-DOS, MS-Power Point) offered by Computer Centre Zila Council, Faisalabad.
- Statistical Software application (Mstat-C, SAS, Minitab)

OVERSEAS VISIT

- Visited India to attend a global convention on climate security held during 12-14 June, 2009 at Palampur (HP), India. (The convention was organized by World Environment Foundation, UK)
- Visited U. S. A to study the impact of climate change on crop productivity with help of crop simulation models. February 15- August 9, 2007, at the University of Georgia, Griffin, GA. USA. (The visit was sponsored by Higher Education Commission of Pakistan)

RESEARCH ACTIVITIES

- Combined effect of organic and inorganic fertilizers on the Agro-physiological traits of two maize hybrids [During **M. Sc.(Hons) Agriculture** in Dept. of Agronomy, University of Agriculture, Faisalabad, under dynamic supervision of Dr. Tariq Mahmood, Associate Professor]
- Modeling the Impact of Climate Change on maize Productivity in the Punjab. [During **Ph.D.** degree, in Dept. of Agronomy, University of Agriculture, Faisalabad, Under dynamic supervision of Dr. Ashfaq Ahmad, Associate Professor]
- Assessing crop production, Nutrient management, Climatic risk and Environmental sustainability with simulation models (**6 month fellowship** under vivacious supervision of Dr. Gerrit Hoogenboom, Professor, Crop growth Modeling, Dept. of Biological & Agricultural Engineering, The University of Georgia, Griffin, GA., USA).

RESEARCH GRANTS/ PROJECTS

1. "Redefining of the cropping pattern in the mixed cropping zone of Punjab" (Rs. 1.046 million) Funded **By:** Endowment Fund Secretariat, University of Agriculture, Faisalabad (01/06/2010 - 31/05/2011)
Dr. Ehsanullah Dr. Allah Bakhsa, **Dr. Tasneem Khaliq**, Dr. Sarfraz Hassan

RESEARCH PUBLICATIONS

(A) Publications in Foreign Journals

1. Nasim, W., A. Ahmad, A. Bano, R. Olatinwo, M. Usman, **T. Khaliq**, A. Wajid, H. M. Hammad, M. Mubeen, M. Hussain. 2012. Effect of nitrogen on yield and oil quality of sunflower (*helianthus annuus* L.) hybrids under sub humid conditions of Pakistan. *American Journal of Plant Sciences* 3, 243-251. **(10)**
2. Munis , M. F. H., A. Bano, M. A. Chowdhry, A. Ahmad, H. J. Chaudhary, Muhammadi1, F. Rasul, S. Ahmad, **T. Khaliq** and W. Nasim. 2012. Inheritance pattern of vital post-emergence morphometric and meristic traits of spring wheat. *J. Med. Plants Res.* 6(16), 3246-3253 **(Impact Factor = 0.879 for 2010)---(10)**
3. Nasim, W., A. Ahmad, **T. Khaliq**, A. Wajid, M.F.H. Munis, H. J. Chaudhry, M. M. Maqbool, S. Ahmad and H.M. Hammad. 2012. Effect of organic and inorganic fertilizer on maize hybrids under agro-environmental conditions of Faisalabad-Pakistan. *Afr. J. Agric. Res.* 7(17): 2713-2719 **(Impact Factor = 0.263 for 2010) ---(9)**
4. Ahmad, I., **T. Khaliq**, A. Ahmad, S. M. A. Basra, Z. Husnain and A. Ali. 2012. Effect of seed priming with ascorbic acid, salicylic acid and hydrogen peroxide on emergence, vigor and antioxidant activities of maize. *Afric. J. Biotechnol.*, 11(5): 1127-1132 **(Impact Factor = 0.573 for 2010)----(6)**
5. Usman, M., A. Ahmad, S. Ahmad, M. Arshad, **T. Khaliq**, A. Wajid, K. Hussain, W. Nasim, T. Mehmood Chattha, R. Trethowan and G. Hoogenboom. 2009. Development and application of crop water stress index for scheduling irrigation in cotton (*Gossypium hirsutum* L) under semiarid environment. *J. Food, Agric. Environ.*, 7(3&4): 386-391 **(Impact Factor = 0.517 for 2011)---(11)**
6. Shakeel A., A. Ahmad, M. Zia-ul-Haq, H. Ali, **T. Khaliq**, M. A. Anjum, M. A. Khan, A. Hussain and G. Hoogenboom. 2009. Resources use efficiency of field grown transplanted rice (*Oryza sativa* L.) under irrigated semiarid environment. *J. Food, Agric. Environ.*, 7(2): 487-492. **(Impact Factor = 0.517 for 2011)----- (9)**

(B) National Publication

(a) HEC Approved Journals (W-category)

7. Aown, M., S. Raza, M. F. Saleem, S. A. Anjum, **T. Khaliq** and M. A. Wahid. 2012. Foliar application of potassium under water deficit conditions improved the growth and yield of wheat

- (*triticum aestivum* l.). The J. Animal & Plant Sci. 22(2); 431-37 (**Impact Factor = 0.585 for 2011**) -----(6)
8. Hammad, M. H, A. Ahmad, F. Azhar, **T. Khaliq**, S. A. Wajid, W. Naseem and W. Farhad. 2012. Optimization water and nitrogen requirement in maize (*Zea mays* L.) under semi arid conditions of Pakistan. Pak. J. Bot., 43(6): 2919-2923 (**Impact Factor = 0.836 for 2011**) ---(7)
 9. Saleem, M., M. Maqsood, A. Javed, M. Hssan, and **T. Khaliq**. 2010. Optimum irrigation and integrated nutrition improves the crop growth and net assimilation rate of cotton (*Gossypium hirsutum* L.). Pak. J. Bot., 42(5): 3659-3669. (**Impact Factor = 0.836 for 2011**)---(5)
 10. Usman, M., M. Arshad, A. Ahmad, N. Ahmad, M. Zia-ul-haq, A. Wajid, **T. Khaliq**, W. Naseem, H. Ali and S. Ahmad. 2010. Lower and upper baselines for crop water stress index and yield of *gossypium hirsutum* l. Under variable irrigation regimes in irrigated semiarid environment. Pak. J. Bot., 42(4): 2541-2550(**Impact Factor = 0.836 for 2011**)----(10)
 11. Wajid, A., A. Ahmad, **T. Khaliq**, S. Alam, A. Hussaun, K. Hussain¹, W. Naseem, M. Usman and S. Ahmad. 2010. Quantification of growth, yield and radiation use efficiency of promising cotton cultivars at varying nitrogen levels. *Pak. J. Bot.*, 42(3): 1703-1711(**Impact Factor = 0.836 for 2011**)-----(9)
 12. Shakeel, A., M. Zia-ul-Haq, H. Ali, A Ahmad, **T. Khaliq**, M. A. Khan, A. Hussain and G. Hoogenboom. 2009. Morphological and quality parameters of *Oryza sativa* L. as affected by population dynamics, nitrogen fertilization and irrigation regimes. Pak. J. Bot, 41(3): 1259-1269. (**Impact Factor = 0.836 for 2011**)----(8)
 13. Ashfaq, A. S. Iqbal, S. Ahmad, **T. Khaliq**, W. Nasim, A. Hussain, M. Zia-ul-Haq, and G. Hoogenboom. 2009. Seasonal growth, radiation interception, its conversion efficiency and aerial dry biomass production of *Oryza sativa* L. under diverse agro-environments in Pakistan. Pak. J. Bot, 41(3): 1241-1257. (**Impact Factor = 0.836 for 2011**)----- (8)
 14. **Khaliq, T.**, A. Ahmad, A. Hussain, M. A. Ali. 2009. Maize hybrids response to nitrogen rates at multiple locations in semiarid environment. Pak J. Bot., 41 (1): 207-224. (**Impact Factor = 0.836 for 2011**)----- (4)
 15. Iqbal, S., A. Ahmad, A. Hussain, M. A. Ali, **T. Khaliq** and S. A. Wajid. 2008. Influence of transplanting date and nitrogen management on productivity of paddy cultivars under variable environments. *Int. J. Agri. Biol.*, 10 (3): 288-292. (**Impact Factor = 0.93 for 2011**)--- (6)

16. **Khaliq, T.**, T. Mahmood, and A. Masood.2004. Effectiveness of Farmyard manure, Poultry manure and Nitrogen for Corn (*Zea mays* L.) Productivity. Int. J. Agri. Biol., 6(2): 260-263. **(Impact Factor = 0.93 for 2011)----(3)**
17. **Khaliq T.**, T. Mahmood, A. R. Goheer and J. Kamal. 2003. Reduction of chemical fertilizers through organic matter supplement for maize production. The J. Animal & Plant Sci., 13(4): 186-189. **(Impact Factor = 0.54 for 2010)----(4)**

(b) HEC Approved Journals (Y-category)

1. Anjum, S.A. M.F. Saleem, M.A. Cheema, M.F. Bilal and **T. Khaliq**. 2012. An assessment to vulnerability, extent, characteristics and severity of drought hazard in Pakistan. Pak. J. Sci., 64(2): Accepted Available on line.------(5)
2. Ali, A., A. Ahmad, **T. Khaliq**, J. Akhtar. 2012. Phenology and yield of sunflower (*Helianthus Annus* L.) hybrids as affected by varying plant spacing and nitrogen levels under semiarid conditions of sargodha, Punjab. Pak. J. Sci., 64(2):98-102.------(4)
3. Asghar, A., A. Ali, W. H. syed, M. Asif, **T. Khaliq**, A. A. Abid. 2010. Growth and yield of maize (*Zea mayse* L.) cultivars affected by NPK application in different proportions. Pak. J. Sci., 62(4):211-215.------(5)
4. **Khaliq, T.**, A. Ahmad, A. Hussain, M. A. Ali. 2008. Impact of nitrogen rates on growth, yield, and radiation use efficiency of maize under varying environments. Pak. J. Agri. Sci., 45(3): 1-7.------(4)
5. Wajid, A. K. Hussain, M. Maqsood, **T. Khaliq**, and A. Ghaffar. 2007. Simulation modeling of growth, development and grain yield of wheat under semiarid conditions of Pakistan. Pak. J. Agri. Sci., 44(2):194-199.------(5)

(c) HEC Approved Journals (Z-Category)

1. A. Ali, A. Ahmad, W. H. Syed, T. Khaliq, M. Asif, M. Aziz, M. Mubeen. 2011. Effects of nitrogen on growth and yield components of wheat (Report). Sci. Int., 23:331-332. -----(7)

(d) Non HEC Approved

1. Husnain, M., M A H.A. Bukhsh, J. Iqbal, **T. Khaliq** and S.I. Zamir. 2011. Agro-economic response of two wheat varieties under different tillage practices. *Crop Environ.* 2: 1-7

2. Nasim, W, A. Ahmad, A. Wajid, S. Ahmad, **T. Khaliq**, S. R. Sultana, M. M. Maqbool, M. A. Mudassir, M. F. H. M, H. J. Chaudhary, H. M. Hammad, M. Sajjad, M. M. and T. Abbas. Wheat productivity in arid and semi-arid environment of Pakistan using crop simulation model. *Inter. Poster J. Sci. Technol.* 2 (1): 28-35
3. Mushtaq, T., S. Hussain¹, M.A.H.A. Bukhsh, J. Iqbal and **T. Khaliq**. 2011. Evaluation of two wheat genotypes performance of under drought conditions at different growth stages. *Crop Environ.* 2: 20-27
4. Anwar, J., A. Ahmad, **T. Khaliq**, M. Mubeen, H. M. Hammad. 2011. Optimization of sowing time for promising wheat genotypes in semiarid environment of Faisalabad. *Crop Environ.*, 2: 24-27
5. Hammad, H.M., A. Ahmad, **T. Khaliq**, W. Farhad and M. Mubeen. 2011. Optimizing rate of nitrogen application for higher yield and quality in maize under semiarid environment. *Crop Environ.*, 2: 38-41
6. Hammad, H.M., A. Ahmad, A. Khaliq, M. Aslam, **T. Khaliq**, S.A. Wajid, A. Hussain, W. Nasim, W. Farhad and R. Sultana. 2010. Influence of organic manures on weed dynamics and wheat productivity under low rainfed area. *Crop Environ.*, 1: 13-17
7. Nasim, W., A. Ahmad, S.A. Wajid, A. Hussain, **T. Khaliq**, M. Usman, H.M. Hammad, S.R. Sultana, M. Mubeen and S. Ahmad. 2010. Simulation of different wheat cultivars under agro-ecological condition of Faisalabad-Pakistan. *Crop Environ.*, 1: 44-48
8. Qureshi, M. I., **T. Khaliq** and Ehsanullah. 2003. Response of Basmati-385 to ZnSO₄ application under field conditions. *Ind. J. Plant Sci.*, 2(3): 106-111.

PROCEEDINGS

1. Ahmad, A., S. Iqbal, A. Hussain, S. A. Wajid, K. Hussain, **T. Khaliq**, S. Ahmad and G. Hoogenboom. 2009. Modeling responses of fine rice growth and yield to increased CO₂ Accepted for “2009 International Symposium on Environmental Science and Technology” Donghua University, Shanghai, China. June 2-5, 2009.

PRESENTATIONS

1. **T. Khaliq**, A. Ahmad, A. Wajid, S. Iqbal, L. Ali, M. Mubeen. 2010. Combined effect of organic and inorganic fertilizers on maize productivity under semiarid environment of Pakistan. The 12th

- International Conference of Agronomy. 20-22 September 2010 Suez Canal University, EL-Arish, Arab Republic of Egypt.
2. **Khaliq, T.**, A. Ahmad, A. Hussain and W. Nasim. 2009. Climate change and maize productivity: Impact assessment and mitigation strategies development using the CSM-CERES-MAIZE model. International seminar entitled “Compatible with climate change” organized by Shah Abdul Latif University, Khairpur, Sindh, Pakistan. March 10-12, 2009. (Abstract).
 3. Ahmad, A., **T. Khaliq**, S. A. Wajid, W. Nasim, and A. Husaain. 2009. Responses of wheat crop to changing climate in semiarid conditions of Pakistan. International seminar entitled “Compatible with climate change” organized by Shah Abdul Latif University, Khairpur, Sindh, Pakistan. March 10-12, 2009. (Abstract).
 4. **Khaliq, T.**, A. Ahmad and A. Hussain. 2008. Climate change endangering Maize productivity in semiarid Areas of Punjab, Pakistan. International Seminar on “Modern Approaches and Techniques in Agriculture to Ensure Food Security in Pakistan” organized by University of Agriculture, Faisalabad, Pakistan. Oct. 13-14, 2008. (Abstract).
 5. Ahmad, A., **T. Khaliq**, S. A. Wajid, W. Nasim, and A. Husaain. 2008. Responses of wheat crop to changing climate in semiarid conditions of Pakistan. International Seminar on “Modern Approaches and Techniques in Agriculture to Ensure Food Security in Pakistan” organized by University of Agriculture, Faisalabad, Pakistan. Oct.13-14, 2008. (Abstract).
 6. Ali, L., Ehsanullah, A. Ahmad and **T. Khaliq**. 2008. Water saving percentage in various planting methods of cotton crop at multiple sites. International Seminar on “Modern Approaches and Techniques in Agriculture to Ensure Food Security in Pakistan” organized by University of Agriculture, Faisalabad, Pakistan. Oct.13-14, 2008. (Abstract).
 7. Ghaffar, A., A. Wajid, **T. Khaliq** and M. A. Shahbaz. 2008. Modeling the Effect of different nitrogen levels on growth, development and yield of maize hybrids. International Seminar on “Modern Approaches and Techniques in Agriculture to Ensure Food Security in Pakistan” organized by University of Agriculture, Faisalabad, Pakistan. Oct.13-14, 2008. (Abstract).
 8. **Khaliq T.**, A. Ahmad., A. Hussain and G. Hoogenboom. 2007. Modeling nitrogen use efficiency of maize cropping system in Pakistan. Annual International meeting of American Society of Agronomy, New Orleans, Louisiana, U.S.A. Nov 4-8, 2007. (Abstract #36884, <http://a-c-s.confex.com/a-c-s/2007am/index.htm>)
 9. A. Ahmad, **T. Khaliq**, A. Hussain, A. Wajid, S. Iqbal. 2006. Modeling growth, radiation use efficiency and yield of Maize under non limiting conditions of growth. International Symposium

on Sustainable Crop improvement and integrated management, Univ. of Agri. Faisalabad, Pakistan.
Sep.14-16.

MEMBERSHIP OF LEARNED SOCIETIES

- American Society of Agronomy
- Crop Science Society of America
- Soil Science Society of America
- Pakistan Society of Agronomy

Extra Activities

- Diploma in computer applications (MS Word, MS Excel, Win-97, MS-DOS, MS-Power Point)
- National Cadet Corps
- Basic Unit Leader Certificate (Punjab Boy Scouts Association)

LANGUAGE CAPABILITY

English:	Excellent in speaking, reading and writing
Urdu:	Excellent in speaking, reading and writing
Punjabi:	Excellent in speaking, reading and writing

Date:

Signature