CURRICULUM VITAE

Dr. Waseem Bashir

Assistant Professor (Agronomy)



Contact

[redacted]

Gender: Male | Date of birth 27/01/1986 |

District Kalat, Nationality Pakistani

Research Profile

My research background encompasses roles as a Scientific Officer at the Pakistan Agricultural Research Council (PARC) and as a Research Officer at the Coastal Agriculture Research Institute (CARI) in Bhawani, Hub, Balochistan. My doctoral research investigates the combined effects of drought and heavy metal stress on root physiology in various crop species. I have published numerous articles in reputable international journals. Currently, my research interests are centered on: 1) Unraveling the physiological mechanisms involved in drought stress in crop roots; and 2) Improving crop productivity through novel cultivation techniques.

ACADEMIC RECORDS

- **PhD in AGRICULTURE with specialization in Crops Sciences** Sep 2016 – Jun 2020

  Thesis: Interactive effects of drought and cadmium stress on Soybean root morphology and gene expression

  At College of Agronomy Shenyang Agriculture University, China
- **Msc in AGRICULTURE** Nov 2010–Dec 2012
  Department of Agronomy, Sindh Agriculture Unversity (SAU), Tandojam
  Pakistan
  BACHELOR OF SCIENCES Feb 2006–April 2010
  Sindh Agriculture Unversity (SAU), Tandojam
  Pakistan

PRESENT ACADEMIC AND LEADERSHIP POSITIONS

(More than 11 years of Teaching, Research, and Administrative Experience)

1. **Assistant Professor of Agriculture** ***(09th March 2022… continued to date (03 years)***
   FACULTY OF AGRICULTURE, LASBELA UNIVERSITY OF AGRICULTURE, WATER AND MARINE SCIENCES (LUAWMS), UTHAL, LASBELA, BALOCHISTAN, PAKISTAN.

2. **COORDINATOR, Faculty of Agriculture** ***(26th May 2022… continued to date (03 years)***
3. FACULTY OF AGRICULTURE, LASBELA UNIVERSITY OF AGRICULTURE, WATER AND MARINE SCIENCES (LUAWMS), UTHAL, LASBELA, BALOCHISTAN, PAKISTAN.

4. **Chairman, Department Review Committee (DRC)** ***(2022… continued to date)***

FACULTY OF AGRICULTURE, LASBELA UNIVERSITY OF AGRICULTURE, WATER AND MARINE SCIENCES (LUAWMS), UTHAL, LASBELA, BALOCHISTAN, PAKISTAN.

5. **CHAIRMAN, Classroom Observation Committee (COC)** ***(2022… continued to date)***
   FACULTY OF AGRICULTURE, LASBELA UNIVERSITY OF AGRICULTURE, WATER AND MARINE SCIENCES (LUAWMS), UTHAL, LASBELA, BALOCHISTAN, PAKISTAN.

6. **COORDINATOR, MS/PhD Scholars** ***(2022… continued to date)***
   FACULTY OF AGRICULTURE, LASBELA UNIVERSITY OF AGRICULTURE, WATER AND MARINE SCIENCES (LUAWMS), UTHAL, LASBELA, BALOCHISTAN, PAKISTAN.
7. **CHAIRMAN, Coordination Committee (CC)** ***(2022… continued to date)***
   FACULTY OF AGRICULTURE, LASBELA UNIVERSITY OF AGRICULTURE, WATER AND MARINE SCIENCES (LUAWMS), UTHAL, LASBELA, BALOCHISTAN, PAKISTAN.

8. **SECRETARY, Pre-ISAC Committee** ***(2022)***
   FACULTY OF AGRICULTURE, LASBELA UNIVERSITY OF AGRICULTURE, WATER AND MARINE SCIENCES (LUAWMS), UTHAL, LASBELA, BALOCHISTAN, PAKISTAN.

PREVIOUS POSITIONS

1. **Scientific Officer (2012 to 2020)**
Pakistan Agricultur Research Council (PARC)
2. **RESEARCH OFFICER (2016 to 2020)**

COASTAL AGRICULTURE RESEARCH INSTITURE (CARI), BHAWANI, HUB, BALOCHISTAN

MS STUDENTS' SUPERVISION/RESEARCH THESES COMPLETED/ONGOING

S	Thesis Title	Program	Supervisee	Status
1	Influence of nitrogen and phosphorus on qualitative and quantitative of Sunflower	BS-Agronomy	Tania Rafique	Completed
2	Estimating effect of viral diseases on yield and related traits in soybean	BS-Agronomy	Muhammad Arshad	Completed
3	Nitrogen fertilizer management in wheat crop	BS-Agronomy	Aman Ullah	Completed
4	Sugar fuzz nursery development , planting techniques & analysis	BS-Agronomy	Sabir Ali	Completed
5	Effect of NP fertilizers and FYM on herb lemon grass yield and essential oil yield under climatic condition of Quetta Balochistan	BS-Agronomy	Waseem Sadiq	Completed
6	Evaluation of elite exotic lines of groundnut	BS-Agronomy	Muhammad Khan Magsi	Completed
7	Optimizing Phosphorus application for enhanced wheat growrh and yield in Lasbela District	BS-Agronomy	Muhammad Sadiq	Completed

LIST OF RESEARCH PUBLICATIONS

1. **Bashir, Waseem**, Sumera Anwar, Qiang Zhao, Iqbal Hussain, and Futi Xie. "Interactive effect of drought and cadmium stress on soybean root morphology and gene expression." *Ecotoxicology and environmental safety* 175 (2019): 90-101.
2. **Waseem Bashir**, et al , 2014. Influence of Different Sowing Intervals and Seedling Methods on the Germination, Growth and Yield of Wheat Variety T.D-1, Persian Gulf Crop Protection.volume 3 Issue 2,
3. Abdullah Notani, Shahbaz Khan Baloch, Ayoub Baloch, **Waseem Bashir**, Arain. A.R. And Suliman A. Ibrahim

Ali 2014, Effect Of Pruning Intervals On The Quality AndProduction Of Rose ,(RosaIndica L.)Persian Gulf Crop Protection Volume 3 Issue 2, \ 3. S.K.Baloch,Yang Yang, Sanaullah Baloch, Sunying,Waseem Bashir,.2014. The Effect of Different Irrigation Regimes on the Yield of Fodder Maize (Zea Mays) Assessment in District Washuk (Balochistan) ., Journal of Natural Sciences Research., Vol.4, No.20.

4. Salih A. I. Sabiel, Awadalla A. Abdelmula, Elfadil M. A. Shahbaz Khan Baloch, **Waseem Bashir** ,Sana Ullah Baloch, ,2014, Genetic variation of flowering trait in Maize (Zea mays L.) under drought stress at vegetativeand reproductive stages, Journal of Biology, Agriculture and Healthcare.Vol.4, No.20,
5. Baber Sultan, **Waseem Bashir**,Shahbaz Khan Baloch, Sanaullah Baloch and A.R Shawani: 2014. Response of Weeds and Wheat (Triticum aestivum) Crop to Allopathic Weeds., Persian Gulf Crop Protection., Volume 3 Issue 4,
6. Jahangeer Baloch, Sana Ullah Baloch, Shahbaz Khan Baloch, Sunyyingying, **Waseem Bashir**, Hafeez Noor Baloch, Salih I L Sabiel, Shabeer Ahmed Badini, Rahim Dad,2014:"Economics of Date Palm (Phoenix dactylifera L.) Production and Its Development in District Kech, Balochistan Province of Pakistan" Journal of Economics and Sustainable Development, Vol.5, No.22,
7. Salih A. I. Sabiel, **Waseem Bashir**, Awadalla A. Abdelmula ,Elfadil M. A. Bashir,Shahbaz Khan ,SunYingying, Sana Ullah Baloch, 2014 Genetic Variation of Plant height and stem diameter Traits in Maize (Zea mays L.) Under Drought Stress at Different Growth Stages,Journal of Natural Sciences Research www.iiste.org ISSN 2224-3186 (Paper) ISSN 2225-0921 (Online), (Accepted)
8. Fida Hussain, **Waseem Bashir**, Farid Akber, S.K Baloch, Akram Salah, Sanaullah and Nadil Shah. 2014, GROWTH AND YIELD RESPONSE OF MUNGBEAN (VIGNA RADIATA L.) TO DIFFERENT LEVELS OF POTASSIUM. Persian Gulf Crop Protection., Volume 3 Issue 4, \
9. Rameez Ahmed Baloch, Sana Ullah Baloch, Shahbaz Khan Baloch, Hafeez Noor Baloch,**Waseem Bashir**,Allah Bakhsh Baloch and Jehangeer Baloch,.2014. Economic Analysis of Onion (Allium cepa L.) Production and Marketing in District Awaran, Balochistan. Journal of Economics and Sustainable Development. Vol.5, No.24.
10. AR. Shawani, Shahbaz Khan Baloch, **Waseem Bashir**, Sanaullah Baloch: 2014,Influence of Seed size on Germinablity and Grain Yield of Wheat(Triticum aestivum) , Persian Gulf Crop Protection., Volume 3 Issue 4, \3
11. Abdul Sattar Khetran, Sana Ullah Baloch, **Waseem Bashir**, Bilal Huasain, K.M Malghani, Muzzafar Ahmed, Shair Azum and Waseem Bashir. 2014. INFLUNCE OF TEMPERATURE REGIMES ON GERMINATION OF COTTON (Gossypium hersutum L.) Vrieties.Persian Gulf Crop Protection., Volume 3 Issue 4,
12. **Waseem Bashir**, 2012 Effect of Drought Tolerance in growth and Yield of various wheat varities ,Persian Gulf Crop Protection Available online on: www.cropprotection.ir ISSN:2251-9343 (online),Accepted
13. Muzaffar Ahmed,Yingying Sun ,**Waseem Bashir**, Shahbaz Khan,Sanaullah BalochYangYang,Abdul Hafee ,Aman Jan Baloch and Shabeer Ahmed., 2014. Influence of Integrated Levels of Potassium and Zinc on the Green Fodder Yield of Miaze (Zea mays L.) , Journal of Biology, Agriculture and Healthcare. Vol.4, No.25.
14. Muhammad Rafiq Kethran, YingYing Sun,Shahbaz Khan, SanaUllah Baloch, L.L. Wu\, T.T Lu,Yang Yang, Zhan Hu,Abdul Salam1 ,Sohil Iqbal, Sakhwat Aliand **Waseem Bashir** 2014,Effect of Different Sowing Dates on Insect Pest Population of Chillies (Capsicum annuam L) Journal of Biology, Agriculture and Healthcare. Vol.4, No.25.

CONFERENCE PRESENTATIONS ATTENDED/CONTRIBUTIONS AND ASSIGNMENTS/TRAINING

1. Dynamic human environment games and peri urban Agriculture organized by joint Cornell university - and UAF Faislabad Pakistan.
2. Participated in Four days' Training workshop on "Transforming English Language Skills (TELS) Programme Pilot Roll out" jointly organized by the Department of English and Quality Enhancement Cell (QEC), LUWAMS,Uthal from September10th,2012 to September 14th 2012.
3. Participated in Three days' Training workshop on "Teaching Methodology" jointly organized by the Department of English and Quality Enhancement Cell (QEC), LUWAMS, Uthal from October 16th 2012 to October 18th,2015.
4. Participated in One day Training workshop " Secrets of Successful Entrepreneurship" jointly organized by SMEDA and Quality Enhancement Cell (QEC), LUWAMS, Uthal on December 12th, 2012.
5. Participated in Two Months Training workshop on "Professional Development for Teaching through the Medium of English" jointly organized by Department of English and Quality Enhancement Cell (QEC), LUWAMS, Uthal from February 4th ,2013 to April 4th,2013.
6. Participated in Four days' Training workshop on " Research Tools, Techniques and Proposal Development" jointly organized by F/O Water Resource Management and Higher Education Commission,

Islamabad from May 20th ,2013 to May 23rd, 2013.

7. Attended "Former's" Day Seminar Organized by Pakistan Agricultural ResearchCouncil(PARC)'s Institute of Plant introduction (IPI) SARC Karachi and International Centre forAgricultural Research in the Dry Areas (ICARDA) have jointly arranged a Farmers Day forProgressive farmers to demonstrate drip irrigation and solar pumping system technology at IPIFarm located at Saleh Muhammad Village, Bin Qasim Landhi Karachi under the project titled"Watershed Rehabilitation and Irrigation Improvement in Pakistan".
8. One day Internal Workshop for Partners on Improved Mungbean Production was held on May 22, 2014 at NARC, Islamabad, Pakistan. Mungbean research stakeholders vigorously Improvements. Future work plan has been major focus of the participants' discussion. The
9. Ongoing activities of the season have been prioritized by each organization. Dr. M. Shahid Masood, Member (Plant Sciences) PARC graced the occasion, and appreciated the efforts made by partner organizations, and AVRDC for the promotion / improvement in pulses sector of the country.
10. One Day training programme (29-30 April, 2014) on "Solar Pumping and Drip IrrigationSystem"was held under a joint activity of PARC and ICARDA under the project of"Watershed Rehabilitation and Irrigation Improvement in Pakistan" at Institute of Plantintroduction (IPI) farm located at Saleh Muhammad Village, Bin Qasim Landhi Karachi,Sindh.
11. Six Months Training on Land Management and Yield Management of Wheat Cro**p** at ARI Quetta

KEY ACHIEVEMENTS

1. Appointed **Coordinator**, Faculty of Agriculture, Lasbela University of Agriculture, Water and Marine Sciences, Lasbela, 26th May 2022 to date.
2. Member, **Academic Council**, LUAWMS, Uthal.
3. Approved PhD Supervisor of the **Higher Education Commission** (HEC) of Pakistan.
4. Member, **Institutional Scholarship Award Committee** (ISAC), LUAWMS, Uthal.
5. Chairman, **Departmental Review Committee** (DRC) for Affiliated Colleges LUAWMS, Uthal.
6. Coordinator, **MS/PhD Students' Supervision of Research Activities** at Faculty of Agriculture, LUAWMS, Uthal.
7. Chairman, **Classroom Observation Committee** (COC) for the quality enhancement of **teaching and learning** at the Faculty of Agriculture.
8. Chairman, **Coordination Committee** (CC) at the Faculty of Agriculture for the coordination with Quality Enhancement Cell (QEC) and Institution Performance Evaluation Committee (IPE-HEC).
9. Nominated as Subject Specialist of the Scholar Management Committee (SMC), "**Establishment of University College of Dera Murad Jamali**", LUAWMS, Uthal.
10. Member, **Admission Committee for MS-Agronomy** at Faculty of Agriculture, LUAWMS, Uthal.
11. Member, **Examiners' Board as an Internal Examiner**, Graduate Studies, LUAWMS, Uthal.
12. Nominated as a team member for the preparation of a **Self-Assessment Report** (SAR) on the recommendation of the **Quality Assurance Agency** (QAA), Higher Education Commission (HEC).
13. Received **PhD Equivalence Certificate** from the Higher Education Commission (HEC) Pakistan.
14. Member, **Board of Advanced Studies, and Research** (BASR), LUAWMS, Uthal.
15. Chairman, **Pre-ISAC Committee** for the EHSAS Scholarship at the Faculty of Agriculture.
16. Successfully supervised **04 MS-Agronomy scholars**.
17. Presently supervising **12 MS Scholars** at the Faculty of Agriculture, LUAWMS, Uthal.
18. Authored and co-authored more than 15 research articles at the national and international level.
19. Serving as a **Member and Reviewer** of national and international prestigious educational journals.

SKILLS AND INTERESTS

LANGUAGES:	**INFO TECHNOLOGY:**
• English • Chinese (Fair) • Urdu • Balochi • Brahvi	• Microsoft Word • Microsoft Excel • Microsoft PowerPoint • SPSS, SEM, SAS Analysis, • Thematic Analysis

• Sindhi • Pashto	
MULTICULTURAL SKILLS: Born in Balochistan, acquainted with various local languages. Went to study at SYAU-China, having familiarity with Chinese culture and language.	**INTERESTS:** • Research activities • Book/Articles Reading • Networking with the scholarly community • Badminton player

REFEREES

Dr. Ismail Khan – Researcher, Jiangsu University, China