

CURRICULUM VITAE

ZOHAIB UR REMAN BUGHIO

College of Resources and Environmental
Sciences Nanjing Agricultural University
China

1. PERSONAL

Birth date: February 25, 1994
Citizenship: Pakistan
Religion: Islam
Languages Known: English, Urdu, and Sindhi,
Email Address: zohaib.bughio1@gmail.com
Cell: 00923422864257

2. QUALIFICATION

DEGREE	PASSING YEAR	INSTITUTION	%	DIVISION/ GRADE
PhD (Soil and Environmental Sciences)	Continue	Nanjing Agricultural University China	--	--
M.Sc. (Agri.) Hons. (Soil Science)	2019	Sindh Agriculture University Tandojam Pakistan	88.03	1 st Division (1 st Position)
B.Sc. (Agri.) Hons. (Soil Science)	2016	Sindh Agriculture University Tandojam Pakistan	87.81	1 st Division (1 st Position)
Intermediate	2011	Public School Hyderabad	72.90	1 st Division/ A grade
Matriculation	2009	St. Bonaventure's High School Hyderabad	80.82	1 st Division/ A1 grade

3. AWARDS/ DISTINCTIONS

(05)

- 1. Chancellor's Silver Medal** for securing **1st position** in M.Sc. (Agri.) Hons.
- 2. Chancellor's Gold Medal** for securing **1st position** B.Sc. (Agri.) Hons.
- 3. Merit Scholarship** for M.Sc. (Agri.) Hons. From Pakistan Atomic Energy Commission (PAEC)
- 4. A-1 Achiever's award** for securing A-1 grade in Matriculation examination by St.

Bonaventure's High School Hyderabad

5. **Student Talent Awards** for best performance in 1st, 2nd, 3rd year of B.Sc. (Agri.) Hons. by Student Aid Foundation (SAF)

4. EMPLOYMENT HISTORY

Jan 2020 to date **Principal Lab Technician**, National Pesticide Residues Monitoring System in Pakistan (PARC)

May 2015 to March 2019 **Master Trainer**, under the project “Prime Minister Youth Skill Development Program” at Sindh Agriculture University Tandojam Pakistan

5. RESEARCH EXPERIENCE

- **M.Sc. Research:** Zinc biofortification in selected rice (*Oryza sativa* L.) genotypes through zinc application methods

6. TRAININGS

(05)

1. Attended the “Hands-On Training in Pesticide Residue Analysis” held at National Agricultural Research Centre Islamabad, during 17-28 August 2020.
2. Attended the “Hands-On Workshop on Use of HEC National Digital Library” held at Sindh Agriculture University Tandojam, on 15th May 2020.
3. Attended the 6th national workshop on “Practical approaches for identification of stress tolerant plants”, held at Nuclear Institute of Agriculture (NIA) Tandojam, during 14-16 February 2018.
4. Attended the training on “Promoting the Democratic and Human Right Education in the Pakistan” held at Sindh Agriculture University Tandojam, on 15th May 2020
5. Attended the 4th national workshop on “Nutrient Management for Better Crop Production”, held at Nuclear Institute of Agriculture (NIA) Tandojam, during 30-31 December 2015.

PUBLICATIONS

JOURNAL PUBLISHED ARTICLES

(03)

1. S. M. Bhatti, A. K. Gadehi, I. Rajpar, M. N. Kandhro, M. K. Soothar, and **Z. R.**

- Bughio**. 2021. Effect of saline water on growth, yield and ions content in spinach genotypes. *Journal of Innovative Sciences*, 7(1): 78-87.
2. J. A. ABBASI, A. W. GANDAH, M. SALEEM, S. M. BHATTI, and **Z. R. BUGHIO**. 2019. Growth and development of guava (*Psidium guajava* L.) seedlings against sodium chloride salinized water. *Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences*, 35(2): 81-85.
 3. Bhatti, S.M., M.A. Panhwar, **Z.R. Bughio**, M.S. Sarki, A.W. Gandahi, and N.A. Wahocho. 2021. Influence of foliar application of zinc on growth, yield and zinc concentration in strawberry. *Pakistan Journal of Agricultural Research*, 34(2): 486-493.

JOURNAL SUBMITTED ARTICLES (In Review Process)

(03)

1. **Z. R. Bughio**, S. M. Bhatti, N. Depar, I. Rajpar, M. S. Sarki, H. R. Bughio. Enhancement of zinc concentration and bioavailability in rice grains by zinc application methods. Submitted to *Pakistan Journal of Agricultural Sciences*. (Manuscript ID: PJAS-2020-771, Submitted on 1/06/2021, Current Status: Accepted for publication currently with publisher).
2. Saleem Maseeh Bhatti, Afzal Kandhro, **Zohaib ur Rehman Bughio**, Inyatullah Rajpar, Javaid Ahmed Shah, Muhammad Mithal Lund, Ali Akbar Maitlo, Hafeez ur Rehman Bughio. Relative performance of various composts and NPK fertilizer on upgrowth and quality of fodder maize. (Manuscript ID: IJROWA-2104-1230, Submitted on 10/06/2021, Current Status: Accepted for publication currently with publisher).
3. S. M. Bhatti, G. A. Dal, I. Rajpar, N. Depar, Z. R. Bughio. Human health risk assessment for cadmium in irrigated lettuce (*Lactuca sativa* L.). Submitted to *Journal of Animal and Plant Sciences*. (Manuscript ID: AG-20-0299, Submitted on 10/11/2020, Current Status: Under Review).

PAPERS AND ABSTRACTS IN CONFERENCE PROCEEDINGS

(10)

1. M. A. Kandhro, S. M. Bhatti, I. Rajpar, J. A. Shah, **Z. R. Bughio** and M. M. Lund (2020). Comparative performance of composts and NPK fertilizer on growth and quality of maize fodder. In: *Abstract Book of 18th International Congress of Soil Science (11-13 February 2020)*, Sindh Agriculture University Tando Jam, Pakistan (Page 138).

2. **Z. R. Bughio**, S. M. Bhatti, I. Rajpar, N. Depar, H. R Bughio, and I. A. Odhano (2020).“Assessment of zinc fertilization techniques for effective Zn biofortification in rice crop”. In: Abstract Book of 18th International Congress of Soil Science (11-13 February 2020) Sindh Agriculture University Tando Jam, Pakistan (Page 186).
3. N. K. Katyar, S.A. Qureshi, M. S. Sarki, N. A. Deho, and **Z. R. Bughio** (2020) Stimulation effects of amino acids application on growth and yield of wheat crop. In: Abstract Book of 18th International Congress of Soil Science (11-13 February 2020), Sindh Agriculture University Tando Jam, Pakistan (Page 159).
4. Z. A. Mari, S. M. Bhatti, I. Rajpar, N. Depar, and **Z. R. Bughio** (2020). Appraisal of chelated Iron in enhancing growth yield and iron concentration in bread wheat grains. In: Abstract Book of 18th International Congress of Soil Science (11-13 February 2020), Sindh Agriculture University Tando Jam, Pakistan (Page 188).
5. A. Syed, Z. A. Khan, S. H. Chatta, **Z. R. Bughio**, and I. A. Sheikh (2020) Efficiency and performance of hydroponic unit for spinach cultivation. In: Abstract Book of 18th International Congress of Soil Science (11-13 February 2020), Sindh Agriculture University Tando Jam, Pakistan (Page 254).
6. S. Arain, M. Saleem, S. M. Bhatti, **Z. R. Bughio**, and Z. A. Lashari (2020). Influence of organic and inorganic fertilization on growth and yield of bottle gourd. In: Abstract Book of 18th International Congress of Soil Science (11-13 February 2020), Sindh Agriculture University Tando Jam, Pakistan (Page, 460).
7. Z. A. Lashari, M. Saleem, A. W. Gandahi, **Z. R. Bughio**, and S. Arain. (2020). Growth and yield of onion as influenced by organic and inorganic fertilization. In: Abstract Book of 18th International Congress of Soil Science (11-13 February 2020), Sindh Agriculture University Tando Jam, Pakistan (Page, 473).
8. A. Bughio, A. L. Qureshi, R. K. Soothar and **Z. R. Bughio** (2019). Development of crop coefficient for wheat crop under various soil moisture depletion levels. In: Abstract book, of 1st International Conference Agricultural Engineering and Technologies (5-6 November 2019) Sindh Agriculture University Tando Jam, Pakistan (Page, 25).
9. S. M. Bhatti, M. S. Khokhar, I. Rajpar, Q. A. Panhwar, and **Z. R. Bughio** (2019). Recycling of banana plant residues for nutrient rich compost”. In the abstract book of 3rd Young Researchers National Conference on Water and Environment (5-6 September 2019) Mehran Univesrity of Engineering and Technology Jamshoro, Pakistan. (Page, 27).

10. **Z. R. Bughio**, S. M. Bhatti, I. Rajpar, N. Depar, H. R. Bughio and M. A. Akram (2019). Can agronomic biofortification of rice alleviate zinc malnutrition?" In abstract book of 4th International Conference on Agriculture, Food and Animal Sciences (21-22 January 2019) Sindh Agriculture University Tando Jam, Pakistan.

8. CONFERENCES/ WORKSHOPS/ SEMINARS PARTICIPATION

NATIONAL/INTERNATIONAL (where oral/poster presentations were made) **(04)**

1. **18th International Congress of Soil Science**, (11-13 February 2020), Sindh Agriculture University Tando Jam, Pakistan.
2. **1st International Conference Agricultural Engineering and Technologies**, (5-6 November 2019) Sindh Agriculture University Tando Jam, Pakistan
3. **3rd Young Researchers National Conference on Water and Environment**, (5-6 September 2019), U.S-Pakistan Center for Advanced Studies in Water, MUET Jamshoro, Pakistan.
4. **4th international conference on "Agriculture, Food and Animal Sciences"** at Sindh Agriculture University Tandojam (21-22 January 2019).

NATIONAL/INTERNATIONAL (Attended only) **(04)**

1. Participation in the Special Seminar on "**Alternative Plant Nutrient Sources for Higher Crop Yields under Changing Climate**" on September 10, 2018 at Sindh Agriculture University Tandojam.
2. Attended 17th International Congress of Soil Science, "**Soil: Ultimate Solution of Food Security and Climate Change**" held during 13-15 March 2018 at Faisalabad Pakistan
3. Participation in the Special Seminar on "**Soil and Nutrients Management for Sustainable Agriculture**" on December 04, 2017 at Sindh Agriculture University Tandojam
4. Attended International Seminar on "**Potassium for sustainable crop production in Pakistan**", on 19 April 2017, at Sindh Agriculture University Tandojam.

9. PROFESSIONAL AFFILIATION

(03)

1. Soil Science Society of Pakistan
2. Professional member of American Society for Microbiology

3. Life time member of Scientific and Technical Research Association (STRA