



Lasbela University

of Agriculture, Water & Marine Sciences

Uthal District Lasbela, Balochistan

Postcode: 90150, Tel: 0853-610770

Name:	Dr. Kashif Ali Kubar		
Designation:	Assistant Professor		
Email:	kashifkubar@yahoo.com		
Cell No.:	0342-3611874		
Research Area:	Soil Science		
QUALIFICATION			
DEGREE	PASSING YEAR	MAJORS	UNIVERSITY
Ph.D	2018	Soil Science	Huazhong Agricultural University Wuhan China.
M.SC	2012	Soil Science	Sindh Agriculture University Tandojam
B.SC	2010	Soil Science	Sindh Agriculture University Tandojam
PUBLICATIONS (NATIONAL/INTERNATIONAL)			
Kubar MS, Wang C, Noor RS, Feng M, Yang W, Kubar KA, Soomro K, Chenbo Y, Sun H, Hasan ME and Mosa WFA (2022) Nitrogen fertilizer application rates and ratios promote the biochemical and physiological attributes of winter wheat. Front. Plant Sci. 13:1011515. doi: 10.3389/fpls.2022.1011515 (IF: 6.6).			
Imran Ameer, Kashif Ali Kubar , Qurban Ali, Shahmir Ali, Tamoor Khan, Khurram Shahzad, Muhammad Riaz, Zia-ul-hassan Shah, Inayatullah Rajpar, Muneer Ahmed, Khalid Hussain Talpur. (2022). Land degradation resistance potential of a dry, semi-arid region in relation to soil organic carbon stocks, carbon management index and soil aggregate stability. Land Degradation & Development. SCI 4.3			
Muhammad Saleem Kubar, Khalid S Alshallash, Muhammad Ahsan Asghar, Meichen Feng, Ali Raza, Chao Wang, Khansa Saleem, Abd Ullah, Wude Yang, Kashif Ali Kubar , Chenbo Yang, Samy Selim, Arafat Abdel Hamed Abdel Latef, Fatmah Ahmed Safhi, Salha Mesfer Alshamrani. (2022). Improving Winter Wheat Photosynthesis, Nitrogen Use Efficiency, and Yield by Optimizing Nitrogen Fertilization. Life, 12(10), 1478. SCI 3.5			
Muhammad Afzal Chhajro, Hongqing Hu, Kashif Ali Kubar , Shahmir Ali Kalhoro, Qamar Sarfaraz, Naimatullah Koondhar, Sanaullah Magsi. (2022). Physiological and Growth Responses of Castor (Ricinus			

Communis L) Under Cadmium Stressed Environment. Journal of Applied Research in Plant Sciences, 3(02), 242-247. HEC Y catogry
Muhammad Saleem Kubar, Qiang Zhang, Meichen Feng, Chao Wang, Wude Yang, Kashif Ali Kubar , Shagufta Riaz, Hina Gul, Hamz Ali Samoon, Hui Sun, Yongkai Xie, Muhammad Ahsan Asghar. (2022). Growth, Yield and Photosynthetic Performance of Winter Wheat as Affected by Co-Application of Nitrogen Fertilizer and Organic Manures. Life, 12(7), 1000. SCI 3.5
Aftab Ali Kubar, Qing Huang, Kashif Ali Kubar , Muhammad Amjad Khan, Muhammad Sajjad, Sumaira Gul, Chen Yang, Qingqing Wang, Genmao Guo, Ghulam Mustafa Kubar, Muhammad Ibrahim Kubar, Niaz Ahmed Wahocho. Ammonium and Phosphate Recovery from Biogas Slurry: Multivariate Statistical Analysis Approach. Sustainability, 14(9), 5617. (SCI 3.8)
Qurban Ali, Hongxia Zheng, Muhammad Junaid Rao, Mohsin Ali, Amjad Hussain, Muhammad Hamza Saleem, Yasser Nehela, Muhammad Aamir Sohail, Agha Mushtaque Ahmed, Kashif Ali Kubar, Shafaqat Ali, Kamal Usman, Hakim Manghwar, Lei Zhou. (2022). Advances, limitations, and prospects of biosensing technology for detecting phytopathogenic bacteria. Chemosphere, 133773. SCI IF 8.9
Muhammad Saleem Kubar, Akhtar Hussain Shar, Kashif Ali Kubar , Nadir Ali Rind, Hidayat Ullah, Shahmir Ali Kalhor, Chao Wang, Meichen Feng, Asadullah Gujar, Hui Sun, Wu De Yang, Hesham El Enshasy, Marian Brestic, Marek Zivcak, Peter Ondrisik, Bandar S. Aljuaid, Ahmed M. El-Shehawi, Mohd Ansi. 2021. Optimizing nitrogen supply promotes biomass, physiological characteristics and yield components of soybean (Glycine max L. Merr.). Saudi Journal of Biological Sciences (2021), doi: https://doi.org/10.1016/j.sjbs.2021.06.073 SCI IF = 4.5
Georges Martial Ndzana*, Louise Marie Bondje Bidjeck, Primus Azinwi Tamfuh, Alex Dortie Kolleh, Damien Henri Odigui Ahanda, Etienne Bekoa, Kashif Ali Kubar , Thierry Mamert Abodo Koa, Abdoulaye Amadou, Monique Abossolo-Angue Abane and Lucien Dieudonné Bitom. 2021. Impact of Iron and Aluminum on the Aggregate Stability of Some Latosols in Central and Southern Liberia (West Africa). International Journal of Plant & Soil Science 33(16): 11-18. SCI
Javaria Afzal, Xiukang Wang, Muhammad Hamzah Saleem, Xuecheng Sun, Shahid Hussain, Imran Khan, Muhammad Shoaib Rana, Shakeel Ahmed, Samrah Afzal Awan, Sajid Fiaz, Omar Aziz, Kashif Ali Kubar, Shafaqat Ali, Chengxiao Hu. 2021. Application of ferrous sulfate alleviates negative impact of cadmium in rice (Oryza sativa L.). BIOCELL 45(6): 1631-1649 (IF 1.5)
Georges Martial Ndzana*, Alex Dortie Kolleh, Kashif Ali Kubar , Louis Marie Bondje Bidjeck, Etienne Bekoa, Primus Azinwi Tamfuh, Damien Henri Odigui Ahanda, Thierry Mamert Abodo Koa, Emile Temgoua, Monique Abossolo-Angue Abane, Lucien Dieudonné Bitom. 2021. Studying the Application and Advances of Diffusive Gradients in-Thin Films Techniques (DGTs) to Constrain Mobility and Bioavailability of Heavy Metals in Soils. Journal of Geoscience and Environment Protection, 9, 118-137.
Adnan Mustafa, Muhammad Mohsin Abrar; Xu Hu, Muhammad Nadeem Ashraf, Kashif Ali Kubar , Syed Atizaz Ali Shah, Qudsia Saeed, Muhammad Naveed, Maqshoof Ahmad, Zhu Ping, Sun Nan, Journal of Cleaner Production. 2021. Stability of soil organic carbon under long-term fertilization in a Chinese Mollisol: Evidence from C-mineralization and 13C NMR analysis. Journal of Soils and Sediments https://doi.org/10.1007/s11368-021-02944-9 (SCI IF 3.3).

<p>Aftab Ali Kubar , Huang Qing *, Muhammad Sajjad , Yang Chen , Faqin Lian , Junfeng Wang , Kashif Ali Kubar. 2021. Recovery of phosphate and ammonium from the biogas slurry as value added fertilizer by biochar and struvite co-precipitation. Sustainability 2021, 13, 3827. https://doi.org/10.3390/su13073827 IF 3.2</p>
<p>Kashif Ali Kubar, Saddam Hussain, Juvaria Afzal, Muhammad Afzal Chajjro, Muhammad Shaaban, Saqib Bashir, Muhammad Saleem Kubar, and Aftab Ali Kubar. 2021. Role of tillage and straw management on SOC sequestration: a sustainable approach of soil conservation. Pure and Applied Biology 10(1): 160-181. HEC Y category.</p>
<p>Kashif Ali Kubar, Li Huang*, Bin Xue, Jianwei Lu, and Xiaokun Li. 2020. Straw management stabilizes the chemical composition of Soil Organic Carbon (SOC): the relationship with aggregate-associated C in a rice-rape cropping system. Land Degradation and Development, 1–16. DOI: 10.1002/ldr.3727. SCI IF =4.9</p>
<p>Li Huang, Bin Xue, Yanan Huang, KASHIF ALI KUBAR, Xiaokun Li, Jianwei Lu. 2020. Straw management influences the stabilization of organic carbon by Fe (oxyhydr) oxides in soil aggregates. Geoderma 358 : 113987 (SCI IF = 6.2)</p>
<p>Muhammad Saleem Kubar, Wang Chao, Feng Meichen, Gao Hong Wei, Zhao Chun Qi, Kashif Ali Kubar, Punhoon Khan Korai, Asadullah Gujar and Wude Yang*. 2020. Nitrogen application improved nitrogen-use-efficiency, photosynthetic characteristics and yield components of field grown winter-wheat. Frencsiuis environmental bulletin (SCI IF = 0.8)</p>
<p>Ghulam Mustafa Kubar, Khalid Hussain Talpur, Muhammad Nawaz Kandhro, Shahneela Khashkhali, Mir Muhammad Nizamani, Muhammad Saleem Kubar, Kashif Ali Kubar and Aftab Ali Kubar. 2019. Effect of potassium (K+) on growth, yield components and macronutrient accumulation in the Wheat crop. Pure and Applied Biology. http://dx.doi.org/10.19045/bspab.2018.700183. (HEC Y category)</p>
<p>Bin Xue, Li Huang, Yanan Huang , Fangliang Zhou , Feng Li , Kashif Ali Kubar , Xiaokun Li, Jianwei Lu, Jun Zhu. 2019. Role of soil organic carbon and iron oxides on aggregate formation and stability in two paddy soils. Soil & Tillage Research, 187: 161-171. (SCI IF 5.3)</p>
<p>Kashif Ali Kubar, Li Huang*, Jianwei Lu, Xiaokun Li, Bin Xue and Zhiyao Yin. 2018. Long-term tillage and straw returning effects on organic C fractions and chemical composition of SOC in the rice-rape cropping system, Archives of Agronomy and Soil Science, DOI:10.1080/03650340.2018.1490726. (SCI IF = 3.1)</p>
<p>Muhammad Shaaban, Lukas Van Zwieten, Saqib Bashir, Aneela Younis, Avelino Núñez-Delgado, Muhammad Afzal Chhajro, Kashif Ali Kubar, Umeed Ali, Muhammad Shoaib Rana, Mirza Abid Mehmood, Ronggui Hu. 2018. A concise review of biochar application to agricultural soils to improve soil conditions and fight pollution. Journal of Environmental Management 228: 429–440. (SCI IF = 6.7)</p>
<p>Kashif Ali Kubar, Li Huang*, Jianwei Lu, Xiaokun Li, Bin Xue and Zhiyao Yin. 2018. Integrative effects of no-tillage and straw are returning on soil organic carbon and water stable aggregation under rice-rape rotation. Chilean Journal of Agricultural Research 78(2) APRIL -JUNE 2018 (SCI IF = 1.6)</p>
<p>Asadullah Gujar, Mahmooda Buriro, Muhammad Saleem kubar, Kashif Ali Kubar*, Muhammad Kamran, Muhammad Afzal chajro, and Abdul Majid Narejo. 2018. Agronomic performance of sunflower (Helianthus annuus L.) against different sources and rates of potassium fertilization. Journal of Environmental and Agricultural Sciences (JEAS) 15: 18-27. HEC</p>

<p>Saqib Bashir, Abdus Salam, Muhammad Afzal Chhajro, Qingling Fu, Muhammad Jamal Khan, Zhu Jun, Muhammad Shaaban, Kashif Ali Kubar, Umed Ali and Hu Hongqing. Comparative efficiency of rice husk-derived biochar (RHB) and steel slag (SS) on cadmium (Cd) mobility and its uptake by Chinese cabbage in highly contaminated soil. International Journal of Phytoremediation.</p> <p>https://doi.org/10.1080/15226514.2018.1448364. (SCI IF = 3.2)</p>
<p>Muhammad Afzal Chhajro, Qingling Fu, Muhammad Shaaban, Muhammad Shahid Rizwan, Jun Zhu, Abdus Salam, Kashif Ali Kubar, Saqib Bashir, Hongqing Hu & Ghulam Murtaza Jamro (2017): Identifying the functional groups and the influence of synthetic chelators on Cd availability and microbial biomass carbon in Cd contaminated soil, International Journal of Phytoremediation, DOI: 10.1080/15226514.2017.1337412 (SCI IF = 3.2)</p>
<p>Muhammad Saleem Kubar, Mahmooda Buriro, Kashif Ali Kubar, Asadullah Gujar, Muhammad Afzal Chhajro, and Abdul Majid Narejo. 2017. Determining the best rate and time of nitrogen fertilization for sustainable production of sunflower. Science International (Lahore), 29(3), 703-706. (HEC recognized)</p>
<p>Muhammad Afzal Chhajro, Muhammad Shahid Rizwan, Huang Guoyong, Zhu Jun, Kashif Ali Kubar, Hu Hongqing. 2016. Enhanced accumulation of Cd in Castor (<i>Ricinus Communis</i> L.) by soil-applied chelators. International journal of Phytoremediation. 18 (7), 664-670. (SCI IF = 3.2)</p>
<p>Zia-ul-Hassan, Kashif Ali Kubar, Muhammad Afzal Chhajro, Muhammad Nawaz Kandhro, Ghulam Murtaza Jamro, Khailid Hussain Talpur and Naheed Talpur. 2016. Response of Tomato (<i>Lycopersicon esculentum</i> L.) at Varying Levels of Soil Applied Potassium. Journal of Basic & Applied Sciences 12, 198-201.</p>
<p>Chhajro, M. A., Zia-ul-hassan, A. N. Shah, K.H.Talpur and Kashif Ali Kubar.2014. Response of two hybrid sunflower genotypes to applied different levels of soil potassium. Persian Gulf Crop Protection, 3(2): 45-52.</p>
<p>Kashif Ali Kubar, Zia-ul-hassan, Inayatullah Rajpar, Shamsuddin Tunio, Ahmed Naqi Shah, Javed Ahmed Shah and Ali Akbar Maitlo. 2014. Evaluating potassium-use efficiency of five cotton genotypes of Pakistan. Pakistan Journal of Botany 46(4): 1237-1242. (SCI IF = 0.7)</p>
<p>Chhajro, M. A., Zia-ul-hassan, I. Rajpar, A. N. Shah and Kashif Ali Kubar.2013. Sunflower hybrids differentially accumulate potassium for growth and achene yield. Pak. J. Agri., Agril. Engg., Vet. Sci., 29 (1): 31-43. (HEC Y category)</p>
<p>Muhammad Afzal Chhajro, Qingling Fu, Muhammad Shaaban, Muhammad Shahid Rizwan, Jun Zhu, Abdus Salam, Kashif Ali Kubar, Saqib Bashir, Hongqing Hu & Ghulam Murtaza Jamro (2017): Identifying the functional groups and the influence of synthetic chelators on Cd availability and microbial biomass carbon in Cd contaminated soil, International Journal of Phytoremediation, DOI: 10.1080/15226514.2017.1337412 (SCI IF = 3.2)</p>
<p>Kashif Ali Kubar, Zia-ul-hassan and I. Rajpar. 2012. Potassium requirement of Bt and non-Bt cotton genotypes. LAP Lambert Academic Publishing, Germany. pp. 62 + VI. (BOOK)</p>

Kubar, M.S., Mahmooda Buriro, **Kashif Ali Kubar**. 2014. Response of sunflower to nitrogen application timing. LAP Lambert Academic Publishing, Germany. pp. 50+ VI. (**BOOK**)

PAPER PRESENTATIONS IN NATIONAL CONFERENCES

- **Kashif Ali Kubar**, Li Huang, Lu Jianwei, Li Xiaokun, Xue Bin, Yin Zhiyao, Georges nidazana, M.A.Chhajro and Juvaria Afzal. 2017. Response of soil organic carbon and its labile fractions to no-tillage and straw return under rice-rape rotation in paddy fields of central China. Presented in 3rd International conference on Agriculture, Food and Animal Sciences 10- 11 January, 2017 Sindh Agriculture University, Tandojam, Pakistan.
- M.S.Kubar, Mahmooda Buriro, **Kashif Ali Kubar**, A. Gujar, M.A.Chhajro, A.M. Narejo and Wude Yang. 2017. Determining the best rate and time of nitrogen fertilization for sustainable production of sunflower. 18th China Agricultural ecology and ecoagricultural symposium at Yanan, Shaanxi China.
- **Kashif Ali Kubar**, Li Huang, Bin Xue and Zhiyao Yin, Muhammad Rashid, Punhoon Khan Korai, Saqib Bashir, Muhammad Shaaban, Shahmir Ali Kalhoro, Muhammad Afzal Chhajro. Soil organic carbon stocks and C fractions under no-tillage and straw return management in rice-rape rotation. 1st International Conference on Sustainable Agriculture: Food Security Under Changing Climate Scenarios. 2019, **April 3-5**, Ghazi University, Dera Ghazi Khan, Pakistan. pp:193
- Saqib Bashir, Muhammad Yousaf, Shahbaz Khan, Javaid Iqbal, Allah Bakhsh Gulshan, Safdar Hussain, Muhammad Abdul Qayyum, **Kashif Ali Kubar**, Rana Muhammad Ammar Asghar. Role of biochar for cadmium bioavailability and enhances the microbial activity in contaminated. 1st International Conference on Sustainable Agriculture: Food Security Under Changing Climate Scenarios. **2019, April 3-5**, Ghazi University, Dera Ghazi Khan, Pakistan. pp:200
- Punhoon Khan Korai, Muhammad Rashid, Kazi Suleman Memon, Shahmir Ali Kalhoro, **Kashif Ali Kubar**, Saqib Bashir, Mehrunisa Memon, Shakal Khan Korai. Nutrient availability and maize growth in soil amended with mineral fertilizer and pressmud **2019** biocompost. 1st International Conference on Sustainable Agriculture: Food Security Under Changing Climate Scenarios., **April 3-5**, Ghazi University, Dera Ghazi Khan, Pakistan. pp:202-203
- Muneer Sabzal, **Kashif Ali Kubar***, Muhammad Rashid, Shahmir Ali Kalhoro, Punhoon Khan Korai, Abdul Wahab, Imran Ameer and Mukhtiar Qadir. 2020. Dry stable aggregates and aggregate stability in diverse cultivation system of Balochistan. 18th International Congress of Soil Science, **11-13 February 2020**, organized by Soil Science Society of Pakistan and Sindh Agriculture University Tandojam.
- **Kashif Ali Kubar***, Li Huang, Bin Xue, Xiaokun Li, Jianwei Lu, Muhammad Shaaban, Muhammad Afzal chhajro and Saqib Bashir. Straw management affects soil organic matter of aggregates and association of SOC with chemical composition. 2020. 18th International Congress of Soil Science, **11-13 February 2020**, organized by Soil Science Society of Pakistan and Sindh Agriculture University Tandojam.
- Muhammad Afzal Chhajro, Hu Hongqing, Qingling Fu, Inayatullah Rajpar, Zia-ul-hassan Shah, Ghulam Murtaza Jamro, Zhu Juna, Kashif Ali Kubar, Abdul Majid Narejo, Muhammad Shabaan, Muhammad Shahid Rizwan. Cadmium (Cd) accumulation and response of antioxidant enzymes in castor (*Ricinus Communis* L.) grown under Cd- contaminated soil. 18th International Congress of Soil Science, **11-13 February 2020**, organized by Soil Science Society of Pakistan and Sindh Agriculture University Tandojam.
- Punhoon Khan Korai, Shakal Khan Korai, Muhammad Rashid, Shahmir Ali Kalhoro, Ghulam Murtaza Jamro, Kashif Ali Kubar. Effect of two straw biochar amendments on a reduction of soil salinity, improving soil fertility and growth, yield of winter wheat. 18th International Congress of Soil Science,

11-13 February 2020, organized by Soil Science Society of Pakistan and Sindh Agriculture University Tandojam.

TEACHING EXPERIENCE

Designation	From	To	Organization
Research fellow	December 18, 2010	June, 2012	Sindh Agriculture University Tandojam
Assistant Professor	January 3, 2019	Continued	Lasbela University of Agriculture Water and Marine Sciences Uthal Balochistan

Workshops/Seminars/Trainings Attended and Conducted:

Workshops/Seminars/Trainings Attended and Conducted:

TRAININGS

- **One day training workshop on Statistical Package for Social Sciences (SPSS)**, organized by SZABIST Marketing Society held at SZABIST Hyderabad on Saturday, 13th April, 2019.
- **One day Training of Trainers (TOT) in Biosaline Agriculture**, held on 9th March 2010, at Dr. A.M Sheikh Auditorium Hall, Sindh Agriculture University Tandojam, held by Caritas Pakistan Hyderabad & Centre for Biosaline Agriculture, Sindh Agriculture University, Tandojam.
- Three months Internship Training Workshop on **Soil, Water, Fertilizer analysis and Data Interpretation** from December 2009 to February 2010 held at Agriculture Chemistry (S.F) Section Agriculture Research Institute, Tandojam, Sindh.
- Webinar Training on Land Use land Cover classification with satellite imagery from 19th December 2020 to 20th December 2020 at online plat form. Ranchi (Jharkhand).

WORKSHOPS

- International decades of soils (2015-2024). **A special seminar on Alternative plant nutrient sources for higher crop yields under changing climate**, September 10, 2018. Jointly organized by Soil Science Society of Pakistan and Sindh Agriculture University Tandojam.
- International workshop on **Global Status of Transgenic Crops**, October 16-17 2014, Wuhan, P.R.China.
- Two days 1st National Workshop on **“Screening Techniques for Stress Tolerance”** October 5th-6TH, 2011 organized by Pakistan Atomic Energy Commission Nuclear Institute of Agriculture, Tandojam.
- Two days 1st National Workshop on **Nutrient Management for Better Crop Production** July 26-27, 2011 organized by Pakistan Atomic Energy Commission Nuclear Institute of Agriculture, Tandojam.
- Two days 2nd National Workshop on **“Screening Techniques for Stress Tolerance”** November 6th-8th, 2012 organized by Pakistan Atomic Energy Commission Nuclear Institute of Agriculture, Tandojam.

- Measures of Soil Carbon Cycling and Storage, August 14, 2020, Soil Science Society of America
- World Soil Day Celebrations held on 5th December, 2020 jointly organized, Pakistan Academy of Sciences, University of Agriculture Faisalabad, Fauji Fertilizer Company, Wageningen UR, Global Soil Partnership of the FAO, University of the Cape Town, Muhammad Nawaz Sharif University of Agriculture, Multan and Pir Mehr Ali Shah University of Arid Agriculture Rawalpindi Pakistan.
- Sulfur: Nutrient Cycling and Fertilization Management in Row Crops, February 19, 2021, American Society of Agronomy and Soil Science Society of America

CONFERENCES

- **18th International Congress of Soil Science, 11-13 February 2020**, organized by Soil Science Society of Pakistan and Sindh Agriculture University Tandojam.
- **1st International Conference on Sustainable Agriculture: Food Security Under Changing Climate Scenarios**. 2019, April 3-5, Ghazi University, Dera Ghazi Khan, Pakistan.
- **1st International Conference on Theoretical and Applied Linguistics**, 28th January, 2019. Lasbela University of Agriculture, Water and Marine Sciences, Uthal, Balochistan.
- Two days **4th International conference on Agriculture, Food and Animal Sciences** 21- 22 January, 2019 Sindh Agriculture University, Tandojam, Pakistan.
- January 6th 2018, First annual academic symposium for international students. International College, Huazhong Agricultural University Wuhan China.
- Two days **3rd International conference on Agriculture, Food and Animal Sciences** 10- 11 January, 2017 Sindh Agriculture University, Tandojam, Pakistan.
- Five days **20th International Soil Tillage Research Organization conference**, 1418th September, 2015, Nanjing, P.R. China.
- Three days **12th National and 3rd International conference of Botany**, held on 13 September, 2012 at Quaid-i-Azam University, Islamabad, Pakistan organized by Pakistan Botanical Society & Quaid-i-Azam University.
- Three days International conference on **Sustainable Water Management** September 15-17, 2010 organized by Mehran University of Engineering & Technology, Jamshoro, Sindh.

Short Biography:

I did B.Sc and M.Sc. from Sindh Agriculture University in Soil Science during 2010 and 2012. I also joined as research fellow from December 2010 to June 2012 at Sindh Agriculture University Tandojam under competitive Agriculture Research Grants funded by Sindh Government. Later I perused for the PhD and I completed PhD degree from Huazhong Agricultural University P.R. China under Chinese Government Scholarship during 2018, after completion of PhD degree I joined as Assistant Professor at Lasbela University of Agriculture Water and Marine Sciences Uthal under IPFP program and currently working as Assistant Professor on regular basis. I received Gold and Silver medal in M.Sc and B.Sc., respectively. I have published 21 SCI, 9 HEC, 2 ISI and 2 books, I also published 9 conference paper.

I am a Soil Scientist with specialization in Soil Chemistry and Fertility. I work in the fields of conservation tillage for sustainable crop production and soil health management. My research is focused up on soil organic carbon management, nutrients management, NMR and FTIR techniques for molecular characteristics of SOM, Dry and water stable aggregation, different fractions of SOC and organic fertilizers. I am also working on potassium dynamics of different soils, potassium-use-efficient genotypes and integration of potash fertilizer with long-term straw returning practices.

Supervised Thesis:

- Assessments of soil organic carbon stocks, carbon management index and stability of soil aggregates under different land use system. Faculty of Agriculture, Department of Soil Science, LUAWMS Uthal Balochistan, (Mr. Imran Ameer, 2021).
- Effects of diverse land use practices on soil fertility status of Lasbela district, Balochistan. Faculty of Agriculture, Department of Soil Science, LUAWMS Uthal Balochistan, (Mr. Abdul Wahab, 2022).
- Influence of the banana derived biochar and straw residues incorporation on the growth and yield components of maize (Zea Mays l.) crop. Faculty of Agriculture, Department of Soil Science, LUAWMS Uthal Balochistan. (Mr. Bakhtiyar Ali, 2022)
- Evaluating the soil salinity distribution among different soil depths in district Panjgur, Balochistan. Faculty of Agriculture, Department of Soil Science, LUAWMS Uthal Balochistan, (Mr. Qambar Baloch, 2022)
- Influence of cropping system and land use conversion on soil organic carbon characteristics and aggregate size distribution. Faculty of Agriculture, Department of Soil Science, LUAWMS Uthal Balochistan, (Mr. Muneer Ahmed, 2023)
- Impact of diverse cropping system on soil ecological and physicochemical properties under sub-tropical conditions. Faculty of Agriculture, Department of Soil Science, LUAWMS Uthal Balochistan, (Mr. Mukhtiar Ahmed, 2023).