

Curriculum Vitae

DR. ABID ALI (Ph.D./Postdocs.)

Tenured Associate Prof., Department of Entomology, Faculty of Agriculture,
University of Agriculture Faisalabad, Pakistan.

Adjunct Professor, College of Life Science, Shenyang Normal University-
China.

Alumni of Chinese Academy of Agricultural Sciences, China

Doctoral/Master's Degree HEC Approved Supervisor

Fellow of Talented Young Scientist Program-China

Fellow of China Postdoctoral System-China

Fellow of Chinese Government Scholarship

Focal Person International Linkages

Founder Fellow of AliBaba Club

Alumni of INRA, France

Professional Profile

Postal address :Department of Entomology, Faculty of Agriculture,
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:Publons Researcher ID: <https://publons.com/researcher/3472103/abid-ali/metrics/>
:ResearchGate ID: <https://www.researchgate.net/profile/Abid-Ali-51>
:Web of Science: <https://www.webofscience.com/wos/author/record/AAJ-5282-2020>
:Google Scholar:
https://scholar.google.com/citations?hl=en&view_op=list_works&gmla=AC6IMd-CkbsEKuzZAJp4uZyyORclHRgC41pmn1Oh8anuRH9qvWvtcRqAretvigQ9h6--qQ08Uxp6RFcHYqm86IE0QDRWFISVhfb-tSgMloGz&user=BJ6YB1EAAAAJ

Academic Qualifications:

Degree/Certificate	Institution	Passing Year
Post-Doctoral	College of Life Science, Shenyang	2020
Research Fellow	Normal University, Shenyang- China	
Post-Doctoral	Institute of Plant Protection,	2016
Research Fellow	Chinese Academy of Agricultural Sciences, Beijing China	
Ph.D. Agricultural Entomology and pest Control	The Graduate School, Chinese Academy of Agricultural Sciences, Beijing China	2014



M.Sc. (Hons.) Agri.Entomology	University of Agriculture, Faisalabad, Pakistan	2010
B.Sc. (Hons.) Agriculture	B. Z. University Multan, Pakistan	2008
Intermediate	B.I.S.E., Multan, Pakistan	2004
Matriculation	B.I.S.E., Multan, Pakistan	2001

Academic Experience:

Total Experience viz. Post PhD Research (**1Y10M21D**), Teaching (**8Y9M29D**) and Administration (**8Y7M29D**): 10Y08M20D (by December 31st, 2024)

Adjunct Professor: December 24th, 2020 to date: College of Life Sciences, Shenyang Normal University, Shenyang, Liaoning, PR China
(<https://sky.synu.edu.cn/upload/article/files/15/2f/790314bb48f685b9ceaec9f60766/12731d57-9623-4151-9bff-909092c210a3.pdf>).

Tenured Associate Professor: June 30th, 2022 to date: Department of Entomology, University of Agriculture Faisalabad, Pakistan (<https://web.uaf.edu.pk/FacultyProfile/Profile/222>).

Assistant Professor (Tenure Track System): March 3rd, 2016 to June 29th 2022: Department of Entomology, University of Agriculture Faisalabad, Pakistan.

Post-Doctoral Research Fellow (Associate Professor): December 23rd, 2019 to December 25th, 2020: College of Life Sciences, Shenyang Normal University, Shenyang, Liaoning, PR China.

Post-Doctoral Research Fellow (1Y10M21D): March 1st, 2014 to January 21st 2016: Institute of Plant Protection, Chinese Academy of Agricultural Sciences, Beijing China.

Administration Experience: up to December 31st 2024

Designation served/serving	Directorate/Department	Start Date	End Date / To date	Total experience
Deputy Director Students' Affairs	Directorate of Students Affairs	September 22 nd 2021	January 30 th 2023	1 year 4 months 8 days
Co-Tutor	Senior Tutor Office	August 27 th 2021	April 3 rd 2023	1 year 7 months 7 days
Assistant superintendent (Tariq Hall)	Chief Hall Warden Office	May 3 rd 2016	To date	8 years 7 months 29 day
Associate Senior Tutor	Senior Tutor Office	April 4 th 2023	To date	1 year 8 months 28 days
Associate Director Students' Affairs	Directorate of Students Affairs	January 31 st 2023	To date	1 year 11 months 1 day

Professional Distinction:

January 01 to 23rd 2024 "**Visiting Scientist (0Y0M23D)**" from 1st to 23rd January, 2024 under the supervision of Professor Dr. Zhaozhi Lu, Head of the team Entomology at College of Plant Health and Medicine, Qingdao Agricultural University, Shandong Province, China.

December 24th, 2020 to date: **Adjunct Professor (4Y0M8D)**, College of Life Sciences, Shenyang Normal University, Shenyang, Liaoning, PR China.

2019-20: Awarded **Postdoc fellowship (1Y0M3D) (Associate Professor)** under Talented Young Scientist

Program (TYSP-2019) with the collaboration of Ministry of Science and Technology (MoS&T) between China and Pakistan

2015: **"Visiting Scientist (0Y3M3D)"** from 23rd August to 25th November, 2015 under the supervision of Dr. Nicolas Desneux, Head of the team Community Ecology in Agroecosystems (CEA) at French National Institute for Agricultural Research (INRA), 400 Route des Chappes, Sophia-Antipolis, France.

2014-16 **Post-Doctoral Research Fellow (1Y10M21D)**: March 1st 2014 to January 21st 2016: Institute of Plant Protection, Chinese Academy of Agricultural Sciences, Beijing China.

2012 **"Excellent Athlete"** On May 13, 2012, awarded the title of "Excellent Athlete" by the Graduate Student Union of the Youth League Committee of the Graduate School of the Chinese Academy of Agricultural Sciences China for the 2012 Teacher-Student Sports Meet of the Graduate School of the Chinese Academy of Agricultural Sciences.

Academic Distinction:

2010-14: Awarded **"PhD Chinese Government Scholarship 2010-2014"**, The Graduate School, Chinese Academy of Agricultural Sciences- CAAS, Beijing 100081, P.R. China.

2013: Awarded **"Competitive Students Free Registration"** for "9th International Symposium on Aphids-9ISA", organized by Chinese Academy of Sciences-CAS, Beijing China, June 2-6, 2013.

2013: Awarded **"Competitive Student Travel Grant"** for International Symposium, Ecology of Aphidophaga 12 (IOBC)" organized by University of Belgrade, Belgrade- Serbia, September 9-13, 2013.

2008-10: **Stood First** and awarded **"Silver Medal"** in M.Sc. (Hons.) Agriculture, Department of Agri-Entomology, University of Agriculture, Faisalabad, Pakistan (Session 2008-10).

2008-10: Awarded **"Sir Roberts Williams Scholarship"** 2008-09 and 2009-10, Department of Agri-Entomology, University of Agriculture, Faisalabad, Pakistan.

2008-10: Awarded **"University Merit Scholarship"** 2008-09 and 2009-2010, Department of Agri-Entomology, University of Agriculture, Faisalabad, Pakistan.

2004-08: **Stood Third** and awarded **"Bronze Medal"** in B.Sc. (Hons.) Agriculture, University College of Agriculture, B.Z.U., Multan, Pakistan. (Session 2004-08).

2005-08: Awarded **"University Merit Scholarship"** 2005, 2006, 2007 and 2008, University College of Agriculture, B.Z.U., Multan, Pakistan.

2005-06: Awarded **"WARBLE Pvt Ltd Scholarship"** 2005 and 2006, University College of Agriculture, B.Z.U, Multan, Pakistan.

Teaching Under-and Post-graduate Courses:

ENT-301&402 (Introductory & Applied Entomology), Ent-510 (Beneficial Insects), ENT-611 (Preparation of Research Project & Scientific Writing), ENT-718 (Advances in Pest Management Research), ENT-719 (Special Problem), ENT-720 (Seminar), ENT-520 (Pest Management in Organic Farming), ENT-506 (Agricultural Pests and their Management), BBAA-302 (General Plant Protection), Range and Forest Entomology (ENT-607), ENT-715 (Insect Nutrition).

Number of M.Sc. and Ph.D. Students Supervised/under supervision.

As a major supervisor national M.Sc. (Hons.)/M.Phil.: 51

As a member of supervisory committee national M.Sc. (Hons.)/M.Phil.: 47

As a member of supervisor committee national Ph.D.: 03

As a co-supervisor of MS international: 03

As a co-supervisor of BS international: 04

Note: Out of 47 students, 15 are doing PhD or MS in different universities/organizations of China.

Research work:

- 2019-20 Post-Doctoral work (2019-2020) “Efficacy assessment of Eulophidae (Hymenoptera) for suppression of *Liriomyza sativae* Blanchard (Diptera: Agromyzidae) in greenhouse-grown cucumber and tomato” under the kind supervision of Prof. Dr. Zheng Guo, College of Life Science, Shenyang Normal University, Liaoning, PR China.
- 2014-16 Post-Doctoral work (2014-2016) “Interaction of Aphids and Natural Enemies in Wheat, Maize and Cotton Eco-system in Northern China and Impact from Chemical Use” under the kind supervision of Prof. Dr. Kongming Wu, Vice President (CAAS), Institute of Plant Protection-IPP, The Graduate School of Chinese Academy of Agricultural Sciences-GSCAAS, Beijing PR China.
- 2010-14: Doctoral thesis (2010-2014) “Aphids and Natural Enemies Relationships in Wheat and Cotton Eco-system in Northern China” under the kind supervision of Prof. Dr. Kongming Wu, Vice President (CAAS), Institute of Plant Protection-IPP, The Graduate School of Chinese Academy of Agricultural Sciences-GSCAAS, Beijing PR China.
- 2008-10: Postgraduate Thesis (2008-2010) “Toxicity of sub lethal doses of leaf extract of datura against two coleopteran insect pests of stored rice, *Trogoderma granarium* (evets) and *Sitophilus oryzae* L. And effect on nutritional values of rice.” under the supervision of Dr. Farooq Ahmad, Associate Professor, Department of Agri-Entomology, University of Agriculture, Faisalabad, Pakistan.
- 2007-08: Graduate Work (2007-08) “Efficacy of Imidachloprid against Cotton Mealy bug *Phenococcus solinepsis* (Homoptera: Pseudococcidae)” under the supervision of Professor Dr Mushtaq Ahmad Saleem, Principal, University College of Agriculture, B.Z.U., Multan, Pakistan.

Research Interests:

Smart Plant Protection including Predator-prey dynamics; IPM of insect pests; biological control; ecosystem services; trophic interactions and intraguild predation; insect migration; side effects of pesticides on natural enemies; stored products insect pest management, Role of Tachinids and spiders in insect pests control, FAW and Locust control.

Research Achievements:

My research focuses on biology and management strategies of crop insect pests, including migratory biology, integrated pest management (IPM) strategy of soybean, corn, wheat and cotton insect pests in addition to fodder crops insect pests, impacts of Bt transgenic cotton on evolution of pest status in agricultural ecosystem, and insect resistance management (IRM) strategy of cotton bollworm / pink bollworm to Bt cotton / fall armyworm to corn fields. These IPM/IRM strategies, in applying the principle of agro-ecology and moving towards the concept of a sustainable agriculture, have been widely discussed and being adapted for insect pest management in Pakistani and Chinese agricultural system, which play very important roles in reducing the utilization of insecticides and improving economic output of cotton in Pakistan and China.

Publications (Total: 98) (Google Citations= 1432; h-index=17

1 Papers Published in SCI Journals with Impact Factor (n=64);

1. Arif MJ, Nawaz A, Sufyan M, Gogi MD, UIAbdin Z, Tayyib M, **Ali A**, Majeed W, Ali MB, Hedfi A. 2024. Impacts of abiotic factors and pesticide on the development, phenology, and reproductive biology of pink bollworm, *Pectinophora gossypiella* (Saunders) (Lepidoptera: Gelechiidae). **PeerJ** 12:e18399 DOI 10.7717/peerj.18399
2. Mirza Abdul Qayyum,**Abid Ali**, et al. 2024. Low doses of entomopathogenic matter hugely, gateway to resistance development and retarded growth in *Helicoverpa armigera*. Journal of Plant Disease and Protection. DOI: <https://doi.org/10.1007/s41348-024-00981-3>
3. Wu, Wenxian, **Abid Ali**, Jinbo Shen, Maozhi Ren, Yi Cai, and Limei He. 2024. Cell Penetrating Peptide Enhances the Aphidicidal Activity of Spider Venom-Derived Neurotoxin. *Toxins*. 16(8): 358. <https://doi.org/10.3390/toxins16080358>
4. Feng, Shiqian, Shuai Shi, Farman Ullah, Xueyan Zhang, Yiting Yin, Shuang Li, John Huria Nderitu, **Abid Ali**, Yingying Dong, Wenjiang Huang, and et al. 2024. "Intercontinental Migration Facilitates Continuous Occurrence of the Desert Locust *Schistocerca gregaria* (Forsk., 1775) in Africa and Asia" *Agronomy* 14(7): 1567. DOI: <https://doi.org/10.3390/agronomy14071567>
5. Wu, Pengfeng, Lingxu Xiang, Qiang Zhao, Shuyan Cui, **Abid Ali**, Donghui Wu, and Guo Zheng 2024. Vegetation Affects the Responses of Canopy Spider Communities to Elevation Gradients on Changbai Mountain, China. *Insects* 15 (3): 154. DOI: <https://doi.org/10.3390/insects15030154>
6. Xin, Wenpei, Chao Zhang, **Abid Ali**, Xiaoqing Zhang, Shuqiang Li, and Zhonghe Hou. 2024. Two new species of *Sarothrogammarus* (Crustacea, Amphipoda) from Swat Valley, Pakistan. *Zootaxa* 5432 (4): 509-534. <https://DOI: 10.11646/ZOOTAXA.5432.4.3>
7. Bing, xiao; Hongqiang, Dong; Yongsheng, Yao; Hongzu, Feng; **Abid, Ail**; Riaz, Muhammad; Minglu, Yang. 2024. Weed survey on cotton (*Gossypium hirsutum*) fields in the Tarim River region of southern Xinjiang. *Weed Biology and Management*. 24(1): 38-48. <https://onlinelibrary.wiley.com/doi/full/10.1111/wbm.12278>
8. Batool, Raufa; Xuelian, Gou; Hui, Dong; Xiuzhen, Long; UMER, Muhammad Jawad; Rwomushana, Ivan; **Ali, Abid**; Jingfei, Guo; Zhenying, Wang, 2024. Endophytic Fungi-Mediated Defense Signaling in Maize: Unraveling the Role of WRKY36 in Regulating Immunity against *Spodoptera frugiperda*. *Physiologia Plantarum*. 176(2), p.e14243. <https://onlinelibrary.wiley.com/doi/full/10.1111/ppl.14243>
9. Jingfei Guo, Jianqin Shi, Hailiang Han, Ivan Rwomushana, **Abid Ali**, Yeeyee Myint, Zhenying Wang, 2024. Competitive interactions between invasive fall army worm and Asian corn borer at intraspecific and interspecific level on same feeding guild. *Insect Science*. 1–13 <https://doi.org/10.1111/1744-7917.13300>.
10. Akhter, W., Shah, F.M., Yang, M., Freed, S., Razaq, M., Mkindi, A.G., Akram, H., **Ali, A.**, Mahmood, K. and Hanif, M., 2023. Botanical biopesticides have an influence on tomato quality through pest control and are cost-effective for farmers in developing countries. *Plos one*, 18(11), p.e0294775. (<https://doi.org/10.1371/journal.pone.0294775>)

11. Wakil, W., Kavallieratos, N.G., Nika, E.P., **Ali, A.**, Yaseen, T. and Asrar, M., 2023. Two are better than one: the combinations of *Beauveria bassiana*, diatomaceous earth, and indoxacarb as effective wheat protectants. *Environmental Science and Pollution Research*, 30(14): 41864-41877. DOI: 10.1007/s11356-022-25075-1
12. Zhao, F.-Y., Yang, L., Zou, Q.-X., **Ali, A.**, Li, S.-Q., Yao, Z.-Y. 2023. Diversity of Pholcus Spiders (Araneae: Pholcidae) in China's Lüliang Mountains: An Integrated Morphological and Molecular Approach. *Insects* 2023, 14, 364. DOI: <https://doi.org/10.3390/insects14040364>
13. Gao, Y., Wu, P., Cui, S., **Ali, A.** and Zheng, G., 2022. Divergence in gut bacterial community between females and males in the wolf spider *Pardosa astrigera*. *Ecology and Evolution*, 12(4), p.e8823. DOI: <https://doi.org/10.1002/ece3.8823>
14. Wang, T., Zhang, P., Ahmed, Z., Gao, G., **Ali, A.** and Lu, Z., 2022. Settling Preference of Two Coexisting Aphid Species on the Adaxial and Abaxial Surfaces of Walnut Leaves. *Environmental Entomology*, 51(6), pp.1069-1076. DOI: <https://doi.org/10.1093/ee/nvac078>
15. Wang, X., Lu, B., Shao, L., Li, Z., **Ali, A.**, Yu, F., Fu, Z. and Sun, F., 2022. Genome-wide SNPs reveal the fine-scale population structure of *Laodelphax striatellus* in China using double-digest restriction site-associated DNA sequencing. *Genomics*, 114(3), p.110329. DOI: <https://doi.org/10.1016/j.ygeno.2022.110329>
16. Du, X., Yan, J.J., Zhang, M.D., **Ali, A.**, Gao, Y.L. and Hu, X.Q., 2022. Population dynamics of eight pests on different potato cultivars in southwest China. *International Journal of Pest Management*, pp.1-10. DOI: <https://doi.org/10.1080/09670874.2022.2077467>
17. Zhang, D.W., Dai, C.C., **Ali, A.**, Liu, Y.Q., Pan, Y., Desneux, N. and Lu, Y.H., 2022. Lethal and sublethal effects of chlorantraniliprole on the migratory moths *Agrotis ipsilon* and *Agrotis segetum*: new perspectives for pest management strategies. *Pest Management Science*. DOI: <https://doi.org/10.1002/ps.7029>
18. Cui, S., Han, X., Xiao, Y., Wu, P., Zhang, S., **Abid, A.** and Zheng, G., 2022. Increase in rainfall intensity promotes soil nematode diversity but offset by nitrogen addition in a temperate grassland. *Science of The Total Environment*, 825, p.154039. DOI: <https://doi.org/10.1016/j.scitotenv.2022.154039>
19. Zhang, P., Lu, Y., Chao, W., Dong, Z., **Ali, A.**, Liu, T.X. and Lu, Z., 2022. When Does the Prey/Predator Ratio Work for the Effective Biocontrol of Cotton Aphid on Cotton Seedlings?. *Insects*, 13(5), p.400. DOI: doi.org/10.3390/insects13050400
20. Desneux, N., Han, P., Mansour, R., Arnó, J., Brévault, T., Campos, M.R., Chailleux, A., Guedes, R.N., Karimi, J., Konan, K.A.J., Lavoie, A.V., **Abid Ali** et al... 2022. Integrated pest management of *Tuta absoluta*: practical implementations across different world regions. *Journal of Pest Science*, 95, 17–39. DOI: <https://doi.org/10.1007/s10340-021-01442-8>
21. Yan, J., Zhang, M., **Ali, A.**, Du, X., Mei, X. and Gao, Y., 2022. Optimization and field evaluation of sex-pheromone of potato tuber moth, *Phthorimaea operculella* Zeller (Lepidoptera: Gelechiidae). *Pest Management Science*, 78(9), pp.3903-3911. DOI: <https://doi.org/10.1002/ps.6725>

22. Yasir Ali, M., Lu, Z., Ali, A., Bilal Amir, M., Afaq Ahmed, M., Shahid, S., Liu, T.X. and Pan, M., 2022. Effects of plant-mediated differences in aphid size on suitability of its parasitoid, *Aphelinus varipes* (Hymenoptera: Aphelinidae). *Journal of Economic Entomology*, 115(1), pp.74-80. DOI: <https://doi.org/10.1093/jee/toab245>
23. Liu, J., Zhao, Z., Yan, Y., **Ali, A.**, Ahmed, Z., He, D., Yu, M., Hang, J., Perven, M., Nazir, T. and Tayyib, M., 2021. Effect of alfalfa habitat change on dispersal behavior of *Harmonia axyridis* Pallas and *Hippodamia variegata* Goeze (Coleoptera: Coccinellidae). *Journal of Asia-Pacific Entomology*, 24(4), pp.997-1003. DOI : <https://doi.org/10.1016/j.aspen.2021.09.002>
24. Wang, X., Yang, X., Zhou, L., Wyckhuys, K.A., Jiang, S., Van Liem, N., Vi, L.X., **Ali, A.** and Wu, K., 2022. Population genetics unveils large-scale migration dynamics and population turnover of *Spodoptera exigua*. *Pest Management Science*, 78(2), pp.612-625. DOI: <https://doi.org/10.1002/ps.6670>
25. Zhang, M., Yan, J., **Ali, A.** and Gao, Y., 2021. Different Performance of *Phthorimaea operculella* Zeller (Lepidoptera: Gelechiidae) among Four Potato Tuber Varieties under Laboratory Condition. *Insects*, 12(7): 580. DOI: [10.3390/insects12070580](https://doi.org/10.3390/insects12070580)
26. Mengdi Zhang, Junjie Yan, **Abid Ali**, Yulin Gao, 2021. Potato plant variety affects the performance and oviposition preference of *Phthorimaea operculella* Zeller (Lepidoptera: Gelechiidae). *Pest Management Science*. 78(9), 3912-3919. DOI: 10.1002/ps.6625
27. Wei He, Xincheng Zhao, **Abid Ali**, Shishuai Ge, Haowen Zhang, Limei He, Kongming Wu, 2021. Population Dynamics and Reproductive Developmental Analysis of *Helicoverpa armigera* (Lepidoptera: Noctuidae) Trapped Using Food Attractants in the Field, *Journal of Economic Entomology*, 114(4): 1533–1541. DOI: <https://doi.org/10.1093/jee/toab113>
28. Hao Xu, Xiaoqing Zhang, Zhiyuan Yao, **Abid Ali**, Shuqiang Li, 2021. Thirty-five new species of the spider genus *Pimoo* (Araneae, Pimoidae) from Pan-Himalaya. *ZooKeys*. 1029: 1–92. DOI: [doi:10.3897/zookeys.1029.64080](https://doi.org/10.3897/zookeys.1029.64080) .
29. Asif Sajjad, Junhe Liu, Yusha Wang, Muhammad Aslam Farooqi, Zihua Zhao, Ammad Ahmad, Waseem Akram, Mudssar Ali, **Abid Ali**, 2021. Plant communities exhibit low resource partitioning for pollinator guilds under subtropical conditions of Pakistan. *Plos One*. 16(2): e0247124. DOI: <https://doi.org/10.1371/journal.pone.0247124>
30. Limei He, Shengyuan Zhao, **Abid Ali**, Shishuai Ge, and Kongming Wu, 2021. Ambient Humidity Affects Development, Survival, and Reproduction of the Invasive Fall Armyworm, *Spodoptera frugiperda* (Lepidoptera: Noctuidae), in China. *Journal of Economic Entomology*. 114(3): 1145-1158. DOI: [doi:10.1093/jee/toab056](https://doi.org/10.1093/jee/toab056).
31. Samina Jam Nazeer Ahmad, Dilawar Majeed, **Abid Ali**, Muhammad Sufian, Zubair Aslam, Mujahid Manzoor and Jam Nazeer Ahmad, 2021. Effect of Natural High Temperature and Flooding Conditions on Cry1ac Gene Expression in Different Transgenic Bt Cotton (*Gossypium Hirsutum* L.) Cultivars. *Pakistan Journal of Botany*. 53(1): 127-134. DOI: [http://dx.doi.org/10.30848/PJB2021-1\(38\)](http://dx.doi.org/10.30848/PJB2021-1(38))
32. Jam Nazeer Ahmad, Samina J.N. Ahmad, Mubashir Ahmad Malik, **Abid Ali**, Muhammad Ali, Ejaz Ahmad, Muhammad Tahir and Muhammad Ashraf, 2020. Molecular Evidence for the Association of Swarm Forming Desert Locust, *Schistocerca gregaria gregaria* (Forskål) in

- Pakistan with Highly Prevalent Subspecies in Sahara Desert of Africa. Pakistan Journal of Zoology. 52(6): 2233-2242. DOI: <https://dx.doi.org/10.17582/journal.pjz/20200501020521>.
33. Nawaz, Ahmad, Habib Ali, Muhammad Sufyan, Muhammad Dildar Gogi, Muhammad Jalal Arif, Abid Ali, Muhammad Qasim et al. 2020. "In-vitro assessment of food consumption, utilization indices and losses promises of leafworm, *Spodoptera litura* (Fab.), on okra crop." Journal of Asia-Pacific Entomology 23, no. 1 : 60-66.
 34. Tianqi Lan, Zhiyuan Yao, **Abid Ali**, Guo Zheng, Shuqiang Li, 2020. Two new species of the spider genus *pholcus* Walckenaer, 1805 (Araneae: Pholcidae) from Pakistan. Zootaxa. 4820(1): 177-185. DOI: <https://doi.org/10.11646/zootaxa.4820.1.9>
 35. Farhan M. Shah, Muhammad Razaq, Qasim Ali, **Abid Ali**, Sarfraz A. Shad, Muhammad Aslam, Ian C. W. Hardy, 2020. Action threshold development in cabbage pest management using synthetic and botanical insecticides. Entomologia Generalis. 42(2): 157-172. DOI: [10.1127/entomologia/2020/0904](https://doi.org/10.1127/entomologia/2020/0904)
 36. Ping Zhang, Zhijun Cui, Hao Xu, **Abid Ali**, Xin Zhang, Xiaoxian Liu, Yuanming Zhang, Xiaobing Zhou, Zhaozhi Lu, 2020. Thirst or malnutrition: The impacts of invasive insect *Agrilus mali* on the physiological status of wild apple tree. Forests. 11(4): 440. DOI: [doi:10.3390/f11040440](https://doi.org/10.3390/f11040440).
 37. Muhammad Asad, Sohail Ahmed, Rashad Rasool Khan, **Abid Ali**, Muhammad, Fahad Raza, Ammarah Shabbir, Faisal Munir, Anam Noreen Abbas, Mubashir Tariq 2020. Effects of soil application of two different fipronil formulations on some soil-dwelling non-target arthropods. International Journal of Tropical Insect Science. 41, 663-669 DOI: <https://doi.org/10.1007/s42690-020-00254-0>
 38. Sohail Ahmed, Muhammad Waseem Saleem, **Abid Ali**, Muhammad Shahid Nisar, Rashad Rasool Khan and Abdul Rashid 2020. Cost Benefit Analysis of Integration of Biocontrol Agents with Insecticides and Plant Extracts for the Management of *Thrips tabaci* Lin. in Bt Cotton Ecosystem. Pakistan Journal of Zoology, 53(1): 1-6. DOI: <https://dx.doi.org/10.17582/journal.pjz/20170602120635>
 39. Muhammad Tahir, Waqas Wakil, **Abid Ali**, Shahbaz Talib Sahi, 2019. Pathogenicity of *Beauveria bassiana* and *Metarhizium anisopliae* isolates against chickpea pod borer, *Helicoverpa armigera* (Hübner). Entomologia Generalis. 38(3): 225-242. DOI: [10.1127/0171-8177/2019/0460](https://doi.org/10.1127/0171-8177/2019/0460)
 40. Faheem, Muhammad, Shafqat Saeed, Asif Sajjad, Su Wang, and **Abid Ali**, 2019. Spatio-temporal variations in wheat aphid populations and their natural enemies in four agro-ecological zones of Pakistan. PloS One 14(9): e0222635. DOI: <https://doi.org/10.1371/journal.pone.0222635>
 41. **Abid Ali**, Nicolas Desneux, Yanhui Lu, and Kongming Wu, 2018. Key aphid natural enemies showing positive effects on wheat yield through biocontrol services in northern China. Agriculture, Ecosystems & Environment. 266: 1-9. DOI: <https://doi.org/10.1016/j.agee.2018.07.012>
 42. Liu, Jun-He, Yan Yan, **Abid Ali**, Ming-Fu Yu, Qi-Jie Xu, Pei-Jian Shi, and Lei Chen, 2018. Simulation of crop growth, time to maturity and yield by an improved sigmoidal model. Scientific Reports 8(1): 7030. DOI: [10.1038/s41598-018-24705-4](https://doi.org/10.1038/s41598-018-24705-4)
 43. Fiaz, M., **Ali, A.**, Ahmad, F., Hasan, M. U., Sagheer, M., Serrao, J. E., ... & Liu, J. 2018. Comparative potential of chitin synthesis inhibitors against *Trogoderma granarium* E. (Coleoptera: Dermestidae) for stored wheat management in Pakistan. Pakistan Journal of Agricultural Sciences, 55(4). DOI: [0.21162/PAKJAS/18.5307](https://doi.org/10.21162/PAKJAS/18.5307)
 44. Han, P., Bayram, Y., Shaltiel-Harpaz, L., Sohrabi, F., Saji, A., Esenali, U.T., Jalilov, A., **Ali, A.**, et al.,

2018. *Tuta absoluta* continues to disperse in Asia: damage, ongoing management and future challenges. Journal of Pest Science, 1-11. DOI: <https://doi.org/10.1007/s10340-018-1062-1>
45. Khan, Rashad R., Rameesha A. Ali, **Abid Ali**, Muhammad Arshad, Shahid Majeed, Sohail Ahmed, and Sajid A. Khan, 2018. Compatibility of entomopathogenic nematodes (Nematoda: Rhabditida) and the biocide, spinosad for mitigation of the armyworm, *Spodoptera litura* (F.) (Lepidoptera: Noctuidae)." Egyptian Journal of Biological Pest Control. 28(1): 58. DOI: <https://doi.org/10.1186/s41938-018-0063-y>
 46. Farhan Ahmad, Muhammad Waris Sanjrani, Shah Nawaz Khuhro, Asif Sajjad, **Abid Ali**, Rashad Rasool Khan, Farooq Ahmed, and Junhe Liu, 2018. Spatial Field Survey of Cotton Whitefly and its Pupal Parasitism in Relation to Temperature and Humidity in Southern Pakistan. Pakistan J. Zool., 50(4): 1231-1236. DOI: <http://dx.doi.org/10.17582/journal.pjz/2018.50.4.1231.1236>
 47. Abd Allah A. H. Mohammed, Nicolas Desneux, Fan Yinjun, Peng Han, **Abid Ali**, Xi-Wu Gao, 2017. Sole and combined effects of imidacloprid and natural enemies on cereal aphids in North China. Entomologia Generalis. 37(1):47–61. DOI: [10.1127/entomologia/2017/0471](https://doi.org/10.1127/entomologia/2017/0471).
 48. Chun-Li Xiu, Hong-Sheng Pan, **Abid Ali** and Yan-Hui Lu, 2017. Extrafloral nectar of *Hibiscus cannabinus* promotes adult populations of *Harmonia axyridis*. Biocontrol Science and Technology. 13(3): 1-5. <http://dx.doi.org/10.1080/09583157.2017.1364697>.
 49. Junhe Liu, Yan Yan, **Ali Abid**, Ningtao Wang, Zihua Zhao, Mingfu Yu, 2017. Effects of Wheat-Maize Intercropping on Population Dynamics of Wheat. Sustainability. 9 (8):1390. [doi:10.3390/su9081390](https://doi.org/10.3390/su9081390)
 50. Junhe Liu, Yan Yan, **Abid Ali**, Peng Han, Farooq Ahmad, Mingfu Yu, 2017. Contrasting arthropod communities in wolfberry orchards of different management regimes in Northwestern China. Pakistan Journal of Agricultural Sciences. 54 (3): 595-605. [DOI: 10.21162/PAKJAS/17.5324](https://doi.org/10.21162/PAKJAS/17.5324)
 51. Farhan Mahmood Shah, Muhammad Razaq, **Abid Ali**, Peng Han, Julian Chen, 2017. Comparative Role of Neem Seed Extract, Moringa Leaf Extract and Imidacloprid in the Management of Wheat Aphids in Relation to Yield Losses in Pakistan. PLoS One 12(9): e0184639. <https://doi.org/10.1371/journal.pone.0184639>
 52. Zhuoya Zhao, Yunhe Li, Yutao Xiao, **Abid Ali**, Khalid Hussain Dhilloo, Wenbo Chen Kongming Wu, 2016. Distribution and metabolism of Bt-Cry1Ac toxin in tissues and organs of the cotton bollworm, *Helicoverpa armigera*. Toxins. 8, 212; DOI:[10.3390/toxins8070212](https://doi.org/10.3390/toxins8070212)
 53. XiaoYang Zhang, Xiaowei Fu, **Abid Ali**, Wilson Ken, Kongming Wu, 2016. Is *Heliothis virescens* (Lepidoptera: Noctuidae) a long-distance migrant? Bulletin of Entomological Research. 106(6): 740-748. <http://dx.doi.org/10.1017/S000748531600047X>
 54. **Abid Ali**, Nicolas Desneux, Yanhui Lu, Bing Liu, Kongming Wu, 2016. Characterization of the natural enemy community attacking cotton aphid in the Bt cotton ecosystem in northern China. Scientific Reports. 6(1), p.24273. DOI:[10.1038/srep24273](https://doi.org/10.1038/srep24273)
 55. Junhe Liu, MingFu Yu, **Abid Ali**, JiaYang Liu, Keming Li and Niaz Hussain Khuhro 2016. Density estimation of ground-dwelling predators in wheat field of Northwest China. Pakistan Journal of Zoology, 48(2): 481-487.
 56. Yongqiang Liu, Bing Liu, **Abid Ali**, Shuping Luo, Yanhui Lu, Gemei Liang, 2015. Insecticide Toxicity to *Adelphocoris lineolatus* (Hemiptera: Miridae) and Its Nymphal Parasitoid *Peristenus spretus* (Hymenoptera: Braconidae). Journal of Economic Entomology, 108(3): 1-7. DOI: [10.1093/jee/tov144](https://doi.org/10.1093/jee/tov144)
 57. Xiaowei Fu, Xiaoyang Zhao, Bingtang Xie, **Abid Ali**, Kongming Wu, 2015. Seasonal pattern of

Spodoptera litura (Lepidoptera: Noctuidae) migration across the Bohai Strait in Northern China. Journal of Economic Entomology, 108(2): 1-14. DOI: [10.1093/jee/tov019](https://doi.org/10.1093/jee/tov019)

58. Bing Liu, Haiqiang Li, **Abid Ali**, Haobing Li, Jian Liu, Yizhong Yang, Yanhui Lu, 2015. Effects of temperature and humidity on immature development of *Lygus pratensis* L. (Hemiptera: Miridae). Journal of Asia Pacific Entomology, 18: 139-143.
59. Junhe Liu, **Abid Ali**, Fengyun Zhu, Mingfu Yu, Dawit Kidane, 2015. Risk Evaluation and control strategies of Chinese wolfberry, *Lycium barbarum* in different agro-farming systems. Pakistan Journal of Zoology 47(1): 21-29.
60. Xiaowei Fu, Zhenlong Xing, Zhongfang Liu, **Abid Ali**, Kongming Wu, 2014. Seasonal pattern of diamond back moth, *Plutella xylostella*, migration over the Bohai Sea in Northern China. Crop Protection, 64: 143-149.
61. Xiaowei Fu, Yongqiang Liu, Yunhe Li, **Abid Ali**, Kongming Wu, 2014. Does *Athetis lepigone* (Lepidoptera: Noctuidae) take a long-distance migration? Journal of Economic Entomology, 107(3): 995-1002.
62. Chao Li, Xiaowei Fu, Hongqiang Feng, Chuanren Li, **Abid Ali**, Kongming Wu, 2014. Seasonal Migration of *Ctenoplusia agnata* (Lepidoptera: Noctuidae) Over the Bohai Sea in northern China. Journal of Economic Entomology, 107(3): 1003-1008.
63. Keming Li, Shangning Wang, Kang Zhang, Liyan Ren, **Abid Ali**, Jingjiang Zhou, Yuyuan Guo, Yongjun Zhang, 2014. Odorant-binding characteristics of three recombinant odorant-binding proteins in *Microplitis mediator* (Hymenoptera: Braconidae). Journal of Chemical Ecology. 40(6): 541-548.
64. **Abid Ali**, Farooq Ahmad, Antonio Biondi, Yusha Wang, Nicolas Desneux, 2012. Potential for using *Datura alba* leaf extracts against two major stored grains pests, the rice weevil *Sitophilus oryzae* and Khapra beetle *Trogoderma granarium*. Journal of Pest Science, 85(3): 359-366.

2 Other Papers Published in International Journals (n=10):

65. Umm-E- Rumman, Ahmad, N., Gogi, M.D., Ejaz, A., Khan, A., **Ali, A.**, Saeed, A., Munawar, A., Atiq, M., Arif, M.J. 2024. Population Dynamics of Aphid Pests of Wheat and Their Natural Enemies. Indian Journal of Entomology, 86(2): 530-534. DoI. No.: 10.55446/IJE.2024.1433 (**Y-category**).
66. **Abid Ali**, WANG Qiao, YANG Long, ZANG Hongyan, Lu Zhaozhi, 2023. Major cotton pests and their comprehensive management in Pakistan[J]. Plant Protection, 49(1):82-88. (Y-category)
67. **Abid, Ali.** and Ahmed, Z., 2021. Revival of Cotton Pest Management Strategies in Pakistan. Outlooks on Pest Management, 32(4), pp.144-148. DOI: https://doi.org/10.1564/v32_aug_02. (**Y-category**).
68. Pengfeng Wu, Shuyan Cui, **Ali Abid**, Guo Zheng, 2021. Advances in spider ballooning research[J]. Biodiversity Science. 29(4): 517-530. DOI: 10.17520/biods.2020301
69. Rana, Naureen, Saira Javed, Muhammad Zafar Iqbal, Ushna Bashir Rana, **Abid Ali**, Sadia Maalik, and Somia Afzal, 2017. Pest vs. predator communities in citrus orchards under ecological conditions of district Toba Tek Singh (Punjab), Pakistan. Journal of Entomology and Zoology Studies, 5(6): 481-489.
70. Wang Yusha, Zou Xiaowen, Liang Licheng, **Abid Ali**, Huang Xiuzhi, Xian Zhenhua, 2015. Toxicity and synergistic activity of different types of insecticides against *Nilaparvata lugens* (Stal). Plant Protection 41(2): 210-215. (**Y-category**).
71. Li KeMing, Li Jia, **Abid Ali**, Jin ZhiQiang, Pen ZhengQiang, 2014. Activity of Adult *Odoiporus*

longicollis in Banana Plantation. Journal of Environmental Entomology, 36(6): 1054-1058.

72. Wang Yusha, Liang Licheng, **Abid Ali**, Xian Zhenhua, 2014. Influential factors on niclosamide ethanolamine and application techniques, Agrochemicals 53(5): 369-371.
73. Zhang Xiaoman, Xu Hongxing, Wang Su, **Abid Ali**, Zhang Fan, 2013. Molecular and iso-enzymatic identification of the nymphal parasitoid, *Encarsia sophia* (Hymenoptera: Aphelinidae) of the whitefly, *Bemisia tabaci* Genn. (Homoptera: Aleyrodidae). Journal of Environmental Entomology, 35(2): 190-197.
74. Junhe Liu, Mingfuyu, Wenyi Cui. Li Song, Zihua Zhao and **Abid Ali**, 2013. Association between patterns in agricultural landscapes and the abundance of wheat aphids and their natural enemies. European Journal of Environmental Sciences. 3(2): 101-108. **(Y-category)**.

3 Book Chapters(n=07):

75. Muhammad Dildar Gogi, Muhammad Jalal Arif, Rabia Ramzan, Ahmad Nawaz, Muhammad Hamid Bashir, **Abid Ali**, Muhammad Sufian, Oscar Emanuel Liburd, Ashfaq A Sial, 2023. Insect Pests of Summer Fodder Crops. In: ul Haq, I., Ijaz, S., & Ali, H. (Eds.). (2023). Sustainable Summer Fodder: Production, Challenges, and Prospects (1st ed.). CRC Press. <https://doi.org/10.1201/b23394> (ISBN: 9781003265801)
76. Mirza Abdul Qayyum, Shafqat Saeed, Waqas Wakil, Muhammad Yasin, Ahmad Nawaz, Abid Ali, Habib Ali, Unsar Naeem-Ullah, Umer Sharif, Hasan Taha, Aiman Khalid, Iqra Maryum, Zeeshan Shahid and Wania Hasan Zubairi. 2024. Integrated Pest Management in Cotton. In: Best Crop Management and Processing Practices for Sustainable Cotton Production. IntechOpen (ISBN 978-0-85014-010-1). <https://www.intechopen.com/chapters/89374>
77. Ahmed, Z., Gui, D., Qi, Z., Liu, J., **Ali, A.**, Murtaza, G., Shabbir, R.N., Tariq, M., Shareef, M., Zafar, S. and Khan, M.S., 2023. Greenhouse Gas Emissions and Mitigation Strategies in Rice Production Systems. In Global Agricultural Production: Resilience to Climate Change (pp. 237-265). Cham: Springer International Publishing. ISBN: 978-3-319-45654-6 DOI: 10.1007/978-3-031-14973-3_8. https://link.springer.com/chapter/10.1007/978-3-031-14973-3_16
78. **Abid Ali**, Zeeshan Ahmed and Zheng Guo, 2022. Cotton Growing in Pakistan, Bangladesh and Myanmar. In: Matthews, G. A. and Miller A. T. 2022. In Pest management in cotton: a global perspective (pp. 53-79). Wallingford UK: CABI. <https://doi.org/10.1079/9781800620216.0004> (ISBN: 978-1-84593-873-4)
79. Lu Zhaozhi, Li Xueyue, Zhang Wangfeng, Zheng Juyun, Liang Fei, Yang Desong, Tian Jingshan, Gao Guizhen, Wang Juneduo and **Abid Ali**, 2022. Growing Cotton in China. In: Matthews, G. A. and Miller A. T. 2022. In Pest management in cotton: a global perspective (pp. 80-100). Wallingford UK: CABI. <https://doi.org/10.1079/9781800620216.0005>
80. Arif, M.J., M. Sufyan, M. D. Gogi, A. Nawaz and **A. Ali**, 2018. Insect Pest Management. In: Arif, M.J., Foster, J.E. and Molina, J. (Eds.). (2017). Sustainable Insect Pest Management. ISBN 978-969-8237-91-2. University of Agriculture Faisalabad Press, Pakistan. Pp. 1-16.
81. Arif MJ., W. Wakil, MD. Gogi, RR. Khan, M. Arshad, M. Sufyan, A. Nawaz, **A. Ali** and S. Majeed, 2018. Trends in Sustainable Management of Emerging Insect Pests. In: Khan, I.A., and Khan, M.S. (Eds.). (2018). Developing Sustainable Agriculture in Pakistan (1st ed.). CRC Press. Taylor & Frances Group, Boca Raton, Press, London New York Pp.: 418-459. <https://doi.org/10.1201/9781351208239> (EBook ISBN: 9781351208239)

4 Manuals(n=04):

82. **Abid Ali**, Shafqat Saeed, Wang Ling, Muhammad Jalal Arif, Wan Peng, et al., 2018. Laboratory Manual for mass rearing of pink bollworm (*Pectinophora gossypiella*) on artificial diet. University of Agriculture Faisalabad Press, Pakistan.
 83. Muhammad Jalal Arif, Muhammad Dildar Gogi, Muhammad Ahsan Khan, Ahmad Nawaz, Muhammad Sufyan and **Abid Ali**, 2020. Desert Locust (*Schistocerca gregaria*): Early and subsequent monitoring in uncultivated sandy soils is very important for designing an IPM program for locust control. University of Agriculture Faisalabad Press, Pakistan.
 84. Arif., M.J., Gogi, M.D. and **Abid Ali**, 2022. Manual for Pink Bollworm Management (in English language). Press of University of Agriculture Faisalabad, Pakistan.
 85. Arif., M.J., Gogi, M.D. and **Abid Ali**, 2022. Manual for Pink Bollworm Management (in Urdu language). Press of University of Agriculture Faisalabad, Pakistan.
- 5 Abstract Proceedings (n=02):**
86. Editor of abstracts proceeding for “International Entomological Congress (One Exclusive Day on Current Scenario and Management of Pink Bollworm)” held on December 16-18, 2016 jointly organized by Pakistan Entomological Society and University of Agriculture Faisalabad (UAF), Pakistan.
 87. Editor of abstracts proceeding for “International Entomological Congress-2019 Conversing Emerging Entomological Challenges and Their Solutions” held on April 8-10, 2019 jointly organized by Pakistan Entomological Society and Department of Entomology, University of Agriculture Faisalabad (UAF), Pakistan.
- 6 Popular/magazine/news/digest articles (n=10):**
88. Norman Javed Gil, Javed Nazir Gil, Arif Shah Kakar, **Abid Ali**, Waqas Wakil, Rashad Raool Khan, 2017 Khajor ki Ahmiyat, Paidawar, aur Zarrasan Hashrat ka Tudarik. Zaraii Digest - University of Agriculture, Faisalabad, Pakistan. 52(6): 28-30. ISSN: 2521-0416.
 89. Qurat ul ain Nasir, Ayesha Zahid, Misbah Perven, **Abid Ali**, Zeeshan Ahmad, Rashad Rasool Khan, Muhammad dildar Gogi, 2018 Gandum k nuqsan de kiry awr in ka ghir kimiyaai saddi baab. April 2018. Zari Digest - University of Agriculture, Faisalabad, Pakistan. ISSN: 2521-0416. Pp.15-16
 90. Misbah Perven, Mateen Nawaz, Bushra, Ifrah Batool, Zeshan Ahmad, Muhammad Kashif, **Abid Ali**, Farooq Ahmad, Shahid Majeed, Muhammad Arshad, Hasnain Arshad, 2018 Jaded technology k tnazar mn gandum k kashtkaron k aham msyal ka hal. Zari Digest during October 2018. University of Agriculture Faisalabad, Pakistan. Pp16-17.
 91. Ifrah Batool, Mateen Nawaz, **Abid Ali**, Zeeshan Ahmad, Misbah Perven, 2019 Nano technology k zary faslo k pidawari awr hifazati masyl ka hal. February 2019. Zari Digest, University of Agriculture Faisalabad, Pakistan. ISSN: 2521-0416
 92. Sidra Razzaq, **Abid Ali**, Muhammad Jalal Arif, Muhammad Dildar Gogi, 2019. Zaraat mye nuksanda kiroon KY tadarak key lye push and pull hikmat -e- amli Ka kirdar. Zarii Digest. Pp. 55. July to September 2019 (In Urdu language) ISSN 2521-0416. University of Agriculture, Faisalabad, Pakistan.

93. Sidra Razzaq, **Abid Ali**, Muhammad Jalal Arif, Muhammad Dildar Gogi, 2021 Masnuei gazaa pe bary pymany per gulabi sondi (*Pectinophora gossypiella*) ko laboratory ma palny k liy rasala-e-kutb. Under review with authors for Zari Digest during 2021. University of Agriculture Faisalabad, Pakistan. ISSN: 2521-0416. (In Urdu)
94. **Abid Ali**, Naryrah Munir, Hooria Zaib, et al. 2021. Suggested future pest management strategies for cotton revival in Pakistan. Zrai Digest (July 2021). (In Urdu)
95. **Abid Ali** et al. 2022. Fall Armyworm ki Makaye ki fasal mai nuqsan aur sad e bab. Zraii Digest (April to June 2022). P.26-28 University of Agriculture Faisalabad, Pakistan. ISSN: 2521-0416. (In Urdu)
96. Arif, M.J., S. Majeed, Gogi, MD, **Abid Ali**, 2022. Tidi Dil ki maoujoodgi aur rowk tham kelye iqtedamat. Zraii Digest (April to June 2022). P.22-25. University of Agriculture Faisalabad, Pakistan. ISSN: 2521-0416. (In Urdu)
97. Gogi, M.D., Arif. M.J., Nawaz. A., **Abid Ali**, et al, 2022. Dhan ke nuksan deh keery aur unka tudaruk. Zraii Digest (April to June 2022). P.32 University of Agriculture Faisalabad, Pakistan. ISSN: 2521-0416. (In Urdu).
98. Burhan. M, I. Kainat, M.S. Khan, R. Kanwal, S. Ikram, **Abid Ali**, et al, 2024. Punjab ke nehri elako mai chany ki kasht aur fasal ki nashunuma ke mukhtalif mrahil mai hashrat ki shinakht. Zraii Digest (July to September 2024). P.58-60 University of Agriculture Faisalabad, Pakistan. ISSN: 2521-0416. (In Urdu).
99. **Abstract Published in national or international academic and scientific meetings (n=50)**

Research Projects:

International/Foreign Research Fundings (Total: 6 Ongoing:4 Completed: 2)

1. As team member/team scientist (national coordinator) in an International Science and Technology Cooperation Program Project of Liaoning Province funded project "Protection and Utilization Technology of Natural Enemy Banker Plant System in Southeast Mountainous Area of Liaoning Province" with Prof Dr. Zheng Guo from College of Life Sciences, Shenyang Normal University, Shenyang, PR China during 20241220 to 20261220 (On Going).
2. As national coordinator in Ministry of Agriculture and Rural Affairs and Syngenta Pvt. Ltd. China Group China funded project on "Pakistan-China Joint Lab on Sustainable Pest Management of Major field Crops" based at university of agriculture Faisalabad- Pakistan with an amount of 100,0000/RMB with Prof Dr. Du Xiongbing from Institute of Plant Protection, Chinese Academy of Agricultural Sciences, Beijing PR China during July 2023 to July 2026 (on going).
3. As team member/team scientist (national coordinator) in Yunnan Provincial Government of Science and Technology Department, China (202303AP140018) funded project on "Yunnan International Joint Laboratory of Fruits and Vegetable Invasive Insect Pest Management (FVF-IPM Yunnan Joint Lab)" based at Yunnan University, China with an amount of 250,0000/RMB with Prof Dr. Han Peng from Yunnan University, Kunming, PR China during July 2023 to July 2026 (on going).
4. As team member/team scientist (national coordinator) in Ministry of Science and Technology of China funded project on "high-end foreign experts from Central Asia to participate in

scientific research on modern cotton planting technology in China” amount of 286500/RMB with Prof Dr. Haibing xiao from Tarim University, Xinjiang, PR China during March 2023 to December 2024 (Completed).

5. As team member/team scientist (national coordinator) in Ministry of Science and Technology of China funded project on “Ecology of invasive insect pests and rational management alongside the silk road” amount of 300,000/RMB with Prof Dr. Zhaozhi Lu from Qingdao Agriculture University, Shandong, PR China during 20211101 (Completed).
6. As team member/team scientist (national coordinator) in National Natural Science Foundation of China (NNSFC) funded project “Response Mechanism of Insect spider diversity in grassland under changing environment” amount of 61,00000/RMB with Prof Dr. Zheng Guo from College of Life Sciences, Shenyang Normal University, Shenyang, PR China during 20200101 to 20231231 (Completed).

National/Local Research Fundings (Total: 4 Ongoing:0 Completed: 4)

1. Working as a team scientist/team member in an Endowment Fund Secretariat funded Project “Popularization of home gardening in urban and peri urban areas of Punjab” amount of 8.03 Million PKR during 20211020 to date in Department of Entomology, UAF (completed).
2. Worked as a team scientist/team member (= Co-PI) in a PARB# 888 funded Project “A comprehensive integrated scientific approach for the development of sustainable management strategies of Pink Bollworm (*Pectinophora gossypiella*)” amount of 36.139 million PKR during 20170908 to 20220907 in Department of Entomology, UAF (completed).
3. Worked as a team scientist/team member (= Co-PI) in a PARB# 889 funded Project “Management of whitefly by integrated strategies and development of resistant cotton germ plasm through genetic engineering” amount of 39.167 million PKR during 20170908 to 20220907 in Department of Entomology, UAF (completed).
4. As team scientist/team member (= Co-PI) in a PARB# 960 funded Project “Efficient Management of fruit fly (*Bactrocera* spp.) by nano-based pheromones traps techniques” amount of 7.56 million PKR during 20170301 to 20200228 in Department of Entomology, UAF (completed).

Invited/ Guest Speaker Talk:

1. Delivered an invited talk as scientific activity in International Conference on Biodiversity Conservation and Ecological Security on “Insect Community Ecology in Pakistani Agroecosystem with reference to Belt and Road Initiative” jointly organized by Shenyang Normal University and University of Agriculture Faisalabad-Pakistan on 20-23 October 2023 in Shenyang, China.
2. Delivered an invited talk as scientific activity in Seminar entitled Methods and Standards of Crop Pest Management in China and Pakistan (online) on “Standard system and current situation of pest control of major crops in Pakistan” jointly organized by International Standardization Talent Training Base (Chengdu- China) and University of Agriculture Faisalabad-Pakistan on September 2023.
3. Delivered an invited talk as scientific activity in Crop Pest Management International Symposium on “Insect community ecology in Pakistani agroecosystem” jointly organized by Institute of Entomology Guizhou University and College of Plant Health & Medicine, Qingdao Agricultural University on 2nd September 2023 in Guiyang, China.
4. Delivered an invited talk as scientific activity in 2nd International symposium on “IPM of *Tuta absoluta*” organized by Yunnan University, Chinese Academy of Agricultural Sciences and INRA

France on 28-29 June 2022 in Beijing, China.

5. Delivered an invited talk as scientific activity in The 2nd International conference on "Mountainous agriculture and green plant protection" organized by Guizhou University on 26 August 2022.
6. Delivered an invited talk as scientific activity of Orientation Lecture Entitled "CPEC-China Pakistan Economic Corridor: an avenue for agriculture revolution" on Feb. 16, 2022 at Department of Entomology, UAF
7. Delivered an invited talk as scientific activity in 2nd International Conference on "Smart Plant Protection" organized by MNS University of Agriculture Multan on March 09, 2022.
8. Delivered an invited talk as scientific activity in 1st International conference on Plant protection sciences as "Emerging entomological challenges and their green plant control technology transfer under BRI in agriculture sector of Pakistan: role of Chinese organizations Alumni from Pakistan" organized by Sindh Agri. University, Tandojam on 29th March 2022.
9. Delivered an invited talk as scientific activity in "Annual meeting of Liaoning Society of Zoology" on "Prospects of Zoology and Entomology in Pakistan: A case study for potential impact of biocontrol agents attacking aphids in field crops" organized by Shenyang Normal University, Shenyang Liaoning, China during Oct 31- Nov 1, 2020.
10. Delivered an invited talk as scientific activity "Scientific Writing" for the postgraduate students on Nov. 20, 2020 in College of Life Science -Liaoning University-China.
11. Delivered an invited talk as scientific activity "Scientific Writing" for the postgraduate students on "Preparation of Research Projects" on Nov. 27, 2020 in College of Life Science -Liaoning University- China.
12. Delivered an invited scientific talk to Middle school students for "Spiders diversity in relation to climate change during September 2020 in Erguna Forest-Steppe Ecotone Research Station, Institute of Applied Ecology, Chinese Academy of Sciences, China.
13. Delivered talk as invited speaker in a Three Days Academic Conference during 5-7 September 2017 organized by Key Laboratory of Integrated Pest Management in Central China, Ministry of Agriculture, PR China, Institute of Plant Protection and Soil Science, Wuhan, Hubei PR China.
14. Delivered talk as invited speaker on "Major plant protection issue in Pakistan: aphids in wheat and pink bollworm in cotton as potential threat" during April 16-18th 2017 in Xinjiang Institute of Ecology and Geography, Chinese Academy of Sciences, PR China.
15. Delivered talk as invited speaker on "Economic and agricultural importance of university of Agriculture, Faisalabad (UAF) under the umbrella of China Pakistan Economic corridor (CPEC)" during April 16-18th 2017 in Xinjiang Institute of Ecology and Geography, Chinese Academy of Sciences, PR China.
16. Delivered talk as invited speaker on "Aphids and their natural enemies interaction in Pakistan and China" during April 20, 2017 in College of Biological Engineering, Huanghuai University of Zhumadian, Henan Province, PR China.
17. Delivered talk as invited speaker on "Introduction of Pakistani agriculture sector with special focus on natural enemies attacking wheat aphids in Pakistan" during April 27th 2017 in CABI East Asia Centre, Beijing PR China.
18. Delivered talk as invited speaker on "Natural Enemies Attacking Wheat Aphids in Pakistan" during 26th April 2017 in Department of Plant and Environmental Protection, Beijing Academy of Agriculture Forestry Sciences, Beijing PR China.

19. Oral Presentation in International Conference entitled "Biological Control of cotton insect pests: A case study from Northern China" in the International Conference on Biological Control of Pests and diseases: Progress and Prospects by Department of Agriculture and Agribusiness Management, University of Karachi, Pakistan.

Conferences/Symposium-Oral Presentations:

20. Presented oral talk on "International Conference on multidisciplinary research" held on 1-3 November 2022 at University of Jhang, Pakistan.
21. Presented oral talk in "7th International conference on Climate Smart Agriculture Innovations and adaptations on June 15-17, 2022 at University of Poonch Rawalakot, Azad Jamu Kashmir, Pakistan.
22. Delivered oral presentation as scientific activity on "Role of Pakistani students graduated from Chinese Institutes in the Transfer of technology under BRI with respect to Emerging Entomological Challenges and their Green Control in Agriculture in the 3rd BRI Sino-Pakistan Agriculture forum" in Cross-Border E-commerce and Digital agricultural Technology cooperation on December 15, 2021.
23. **Abid Ali**, Muhammad Faheem, Shafqat Saeed, Asif Sajjad, Muhammad Jalal Arif, Junhe Liu, 2016. Aphids, potential threat to stagnant wheat yield in Pakistan: a case study for the population dynamics of natural enemies attacking wheat aphids in major agro-ecological zones of Pakistan. In: Abstracts from International Symposium Ecology of Aphidophaga 13, August 29th to September 1st, 2016, Freising, Germany.
24. **Abid Ali**, Nicolas Desneux, Yanhui Lu, Kongming Wu, 2014. Aphids and natural enemies relationships in wheat and cotton eco-system in northern China" in "34th Pakistan Congress of Zoology (International) February 25 – 27th, 2014, BZ University, Multan, Pakistan.
25. **Abid Ali**, Yanhui Lu, Kongming Wu, Nicolas Desneux 2013. Impact of natural enemies on wheat and cotton aphids in northern China. International Symposium, Ecology of Aphidophaga 12, September 9-13th, Belgrade, Serbia.
26. **Abid Ali**, Yanhui Lu, Nicolas Desneux, Kongming Wu 2013. Effects of different natural enemies on population dynamics of wheat aphids. 9th International Symposium on Aphids, June 2-6th, Beijing, PR China.
27. **Abid Ali**, Nicolas Desneux, Yanhui Lu, Kongming Wu, (2013). Impact of natural enemies on population dynamics of wheat grain aphid, *Sitobion avenae* F. (Homoptera: Aphididae) in northern china. National conference on Agriculture in Arid Environment, March 25-26th, BZ University College at Layyah Campus, Punjab, Pakistan.
28. **Abid Ali**, Yanhui Lu, Kongming Wu, Nicolas Desneux (2011). Impact of Natural enemies on population dynamics of wheat aphids in northern China. International Workshop "The Role of Landscape Structure in Ecosystem Services Provision: Theory, Methods, and Case Studies", July 5-8th, Institute of Plant Protection (IPP-CAAS) Beijing, PR China.
29. Hammad Ahmad, Farooq Ahmad, Muhammad. Sagheer, **Abid Ali**, Muhammad Fiaz, 2010. Insecticidal activity of *Allium sativum* (Garlic), *Zingiber officinale* (Ginger) and *Nigella sativa* (Kalwanji) extracts against *Trogoderma granarium* (E.): (Coleoptera: Dermestidae)" in "30th Pakistan Congress of Zoology (International) March 2 – 4th, 2010 University of Agriculture, Faisalabad, Pakistan.

Professional seminars delivered:

30. One-day seminar entitled "Aphids and Natural Enemies Relationships in Wheat and Bt Cotton Ecosystem in Northern China". Invited talk under title of "Bilateral Cooperation and Technology Transfer" on 21st April, 2015 in Institute of Environmental and Plant Protection, Beijing Academy of Agriculture and Forestry Sciences, Beijing of PR China.
31. Introductory talk on "Aphids and natural relationships in wheat and cotton ecosystem in northern China" delivered at February 26th, 2015 in National Institute for Biotechnology and Genetic Engineering (NIBGE) Faisalabad, Pakistan.
32. One-day seminar entitled "Aphids and Natural Enemies Relationships in Wheat and Bt Cotton Ecosystem in Northern China". Invited talk under title of "Bilateral Cooperation and Technology Transfer" on 26th January, 2015 in Department of Biological Engineering of Huanghuai University, Zhumadian, Henan Province of PR China.
33. One-day seminar entitled "Aphids and natural relationships in wheat and cotton ecosystem in northern China" delivered at March 13th, 2014 in Department of Plant and Environmental Protection, National Agricultural Research Center (NARC) Islamabad, Pakistan.
34. One-day seminar entitled "Top-down control of aphid pests by natural enemies in wheat and cotton fields in northern China and potential side effects of insecticides on their biocontrol services" delivered at March 12th, 2014 in Bahadur sub-campus Layyah, Bahauddin Zakariya University, Multan, Punjab, Pakistan.

Trainings/ Workshops/Internships/Short Courses:

35. An online Course on agricultural Remote Sensing (Online, 4 Class hours) on July 4-5, 2022 organized by Association of Science and Technology Professionals, Deqing Geospatial information Town, China.
36. Farmer day for popularization of home gardening in urban and peri-urban areas of Punjab (Zone-01: Lahore & Okara) on 18-19th October 2022 by PI of Kitchen Gardening, UAF.
37. "Refresher webinar course on Fall armyworm management in south Asia" on July 21, 2022 by CIMMYT.
38. International Training course on "Beekeeping and Honey Processing Technology for Developing countries (Online)" during Aug 16-Sept 14, 2022 by Ministry of Commerce, China.
39. International training on "Animation creation and short video production" held on June 18, 2022 jointly organized by HIIBE, China and MNSUAM, Pakistan.
40. International training "Research data management-Why it matters and how to manage" on 14 July 2022 organized by Research Academy on Campus Elsevier.
41. International workshop on "Diversification, value addition supply chain management of floriculture industry" held on March 24-25, 2022 organized by IHS at UAF.
42. Training workshop on "Aflatoxin biocontrol an innovative approach: Regulatory harmonization in Pakistan for MRLs and Biopesticides" on December 20, 2022 at UAF.
43. Two Days training sessions "Career counseling in shrinking Borders of contemporary world" on 29-30 August, 2022 organized by Department of Humanities and Linguistics, UAF.
44. **2021:** Sept 06 to Sept 17, 2021 "Training Course on Agricultural Pest and Diseases Control Technology for Pakistan" organized by international cooperation division, National Agro-technology extension and service center, Ministry of Agriculture, the People's Republic of China.
45. **2021:** August 10- 30, 2021 Training Course on Cultivation of Oil Crops for Pakistan (Rapeseed, Peanut, etc.) organized by Hunan Agricultural Group Co., Ltd. Changsha, Hunan province, of PR

China.

46. **2021:** July 14 -28, 2021 “International Training Workshop on Advanced Methods in Green Control of Major Plant Pests” jointly organized by Department of International Cooperation, MOST-China and IPP-CAAS, China.
47. **2020:** Oct 15 to Nov 19, 2020 “Scientific Writing” held at College of Life Science-CoLS in Shenyang Normal University China in collaboration with university of agriculture, Faisalabad-Pakistan.
48. **2020:** Nov 20 to 27, 2020 “Scientific Writing” held at College of Life Science-CoLS in Liaoning University China in collaboration with University of Agriculture, Faisalabad-Pakistan.
49. **2019:** December 03-05, 2019 “2nd International Cross -Border e-Commerce Forum-2019” held at University of Agriculture Faisalabad – Pakistan.
50. **2012:** 15 Days, 11-25th November 2012 “An international workshop on plant molecular breeding techniques” held at Institute of Crop Sciences with collaboration of IRRI, the Graduate School of Chinese Academy of Agricultural Sciences, Beijing, PR China.
51. **2012:** 3 Days, 24-26th October 2012. First International CSPP / IAPPS Symposium “Current Challenges and Future Directions in Insect and Disease Management in Rice Production” held at State Key Laboratory for Biology of Plant Diseases and Insect Pests (SKLBPI), Institute of Plant Protection-IPP, Chinese Academy of Agricultural Sciences-CAAS, Beijing, PR China.
52. **2012:** 15 Days, 17th Sept-24th Dec 2012, a special training on “Experimental design and statistical analysis” held at the Graduate School of Chinese Academy of Agricultural Sciences, Beijing, PR China.
53. **2012:** 1 Day, 19th July 2012 “Ecosystem Services for Poverty Alleviation Program (ESPA) Project Workshop” held at Center for Chinese Agricultural Policy, Institute of Geographical Sciences and Natural Resources Research, Chinese Academy of Sciences, Beijing, PR China.
54. **2011:** 10 Days, 27th June-6th July 2011 Special Course “Science Communication” delivered by Dr. Han Yu, Kansas State University, USA, organized by the Graduate School of Chinese Academy of Agricultural Sciences, 27 June-6 July 2011, Beijing, PR China.
55. **2008:** An internship of 90 Days, 12th Feb-12th May 2008, requirement for the Degree of B.Sc. (Hons.) Agriculture, “Biological Control of Cotton Mealy bug and Fruit Flies” under the supervision of Prof. Dr Mushtaq Ahmad Saleem and Dr Riaz Mehmood at CABI South Asia, Multan Unit, Cotton Research Station, Multan, Pakistan.
56. **2008:** 90 Days, 26th Jan-12th May 2008, a short course “Community Development” conducted by “Division of Education and Extension” at University of Agriculture, Faisalabad, Pakistan.
57. **2007-08:** 6 Months, 2nd Sept-2nd March 2007, a short course “Beekeeping” under the supervision of Dr Shafqat Saeed Assistant Professor, Department of Entomology, conducted by NAVTEC at University College of Agriculture, B.Z.U., Multan, Pakistan.
58. **2007:** 45 Days, 1st July-15th Aug 2007, internship at “Bukhari Mango Farm” Chak 5-Faiz, Bahawal Pur Road, Multan under the Supervision of Prof. Dr Mushtaq Ahmad Saleem, Principal, University College of Agriculture, B.Z.U., Multan, Pakistan.
59. **2007:** 2 Days, 7-8th Aug 2007, training of Agriculture Sector Linkage Program “Development of Integrated Crop Management Practices to Increase Sustainable Yield and Quality of Mango in Pakistan and Australia” held at University College of Agriculture, B.Z.U., Multan, Pakistan.

Community services/Advocacy

1. Industry services for Allah Din Group of Companies Research Farm, Multan on April 14, 2022.

2. Third party evaluation /survey of the cotton IPM blocks laid by Agriculture department with DFA No.10569 dated December 19, 2022.
3. <https://academiamag.com/2022/05/su-uaf-vice-chancellors-agree-joint-research/>
4. <http://uaf.edu.pk/EventDetails.aspx?eventnum=723>
5. <http://www.uaf.edu.pk/EventDetails.aspx?eventnum=705>
6. http://en.ce.cn/Insight/202203/24/t20220324_37431797.shtml
7. <https://islamabadpost.com.pk/expert-calls-for-enhanced-pak-china-cooperation-in-smart-plant-protection/>
8. http://en.ce.cn/Insight/202207/14/t20220714_37867739.shtml

Reviewing: I have reviewed manuscripts for:

- 1- African Journal of Biotechnology.
- 2- African Journal of Microbiology Research.
- 3- Pakistan Journal of Agricultural Sciences.
- 4- Sarhad Journal of Agriculture, PAU, Pakistan.
- 5- Sindh University Research Journal (Science Series), SU, Pakistan.
- 6- Pakistan Journal of Zoology, PU, Pakistan.
- 7- Academic Assistant Editor, Institute of Plant Protection, Chinese Academy of Agricultural Sciences-IPPCAAS, Beijing, PR China.
- 8- Editor for the journal of “Applied Sciences and Business Economics” issued by sub-campus Layyah, Bahauddin Zakariya University, Multan.
- 9- Associate Editor for journal “Pakistan Entomologist” UAF, Pakistan.
- 10- Psyche- A Journal of Entomology, by Cambridge Entomological Club.
- 11- Journal of Integrative Agriculture, CAAS, China.
- 12- 3 Biotech, Elsevier Publishing Group.
- 13- Pakistan Entomologist
- 14- Journal of Food Protection
- 15- Plant Protection Sciences
- 16- Science of the Total Environment
- 17- Journal of Asia Pacific Entomology
- 18- Frontiers in Plant Sciences
- 19- Entomologia Generalis
- 20- The Journal of Animal and Plant Sciences
- 21- PloS One
- 22- Journal of Economic Entomology
- 23- Journal of Cotton Research

Professional Memberships:

- 1- Member of “Pakistan Entomological Society”, Pakistan.
- 2- Member of “Chinese Society of Plant Protection” PR China.
- 3- Member of “Entomological Society of America” USA
- 4- Member of “International Organization for Biological Control (IOBC)”, Switzerland.
- 5- Member of “Foreign Students Association”, Graduate School CAAS, China.
- 6- Founding member for Ali-Baba Club, a consultative insect pest management group of leading

scientists from all over the world.

- 7- Member of **Liaoning Society of Zoology**
- 8- Member of **Shenyang Society of Plant Protection**
- 9- Member of **"Entomological Society of China"** China

Internationalization

Serving as Contact person in MoUs/Lols with:

1. College of Agriculture and Biotechnology, Zhejiang University, Hangzhou, China and UAF.
2. Institute of Plant Protection and Soil Science, Hubei Academy of Agricultural Sciences, Wuhan, China and UAF.
3. College of Life Sciences, Shenyang Normal University, Liaoning, China and UAF and BZU.
4. Hebei Institute of International Business and Economics (HIBE), Qinguangdao, China and MNSUAM.
5. Wuhan Guoying Seed Co., Ltd, Wuhan, China with MNSUAM.
6. University of Southern Queensland, Australia and UAF.
7. Liaoning University China and UAF.
8. College of Plant Protection, Henan Agricultural University and UAF.
9. College of Plant Health and Medicine, Qingdao Agricultural University and UAF.
10. Institute of Plant Protection of Chinese Academy of Agricultural Sciences and UAF.

Collaborations and consultancy:

1. Work as Joint Research Collaborator with Chinese Experts on joint research project on the insect pests Colorado potato beetle, "*Leptinotarsa decemlineata*" with Chao Li from Xinjiang Agriculture University, PR, China (Since 2018).
2. Work as Joint Research Collaborator with Chinese Experts on joint research project on the insect pests "Beet army worm, *Spodoptera exigua*" with Kongming Wu from Chinses Academy of Agricultural Sciences PR China and Xingya Wang from Shenyang Agriculture University, PR, China (Since 2018).
3. Work as Joint Research Collaborator with Chinese Experts on joint research project on the insect pests "Melon thrips, *Trips palmi*" with Wei from Beijing Academy of Agricultural and Forestry Sciences PR China (since 2018).
4. Work as Joint Research Collaborator with Chinese Experts on joint research project on the insect pests "Spiders" with Zheng Guo from Shenyang Norma University PR China (2018).
5. Work as Joint Research Collaborator with Chinese Experts on joint research project on the insect pests "*Tua absoluta*" with Han Peng from Chinses Academy of Sciences PR China (since 2018).

Academic and scientific foreign visits

China, Germany, Serbia, France

Language Skills

Urdu, English, Chinese

Dr. Abid Ali