
Name: Muhammad Azeem Ali, Shah (PhD)

Nationality: Pakistan

Email: azeemalishah@gmail.com

Contact: + 92 321 8856750



PROFILE SUMMARY

Dr. Muhammad Azeem Ali Shah is a strategic leader and senior water and climate governance expert with over 20 years of progressive experience across international research, donor-funded development programs, and policy engagement. He has spent around 14 years with the International Water Management Institute (IWMI) in senior leadership roles, including Chief of Party, Country Lead, Acting Country Representative, and Principal Investigator, managing complex, multi-country portfolios exceeding USD 20 million funded by the United States Agency for International Development (USAID), SDC, NSF, FCDO, CGIAR, and the World Bank. Dr. Shah has extensive experience in conducting applied research and development projects in climate-resilient WASH programming, water resources management, capacity building initiatives, stakeholder engagement, and donor relations. Dr. Shah brings deep expertise in integrated water security analysis, climate risks, livelihoods, markets, and early warning systems, with extensive field and analytical experience in Pakistan, Afghanistan, South Asia, and Central Asia. He has a proven track record of leading multidisciplinary teams, producing high-quality decision-support products, research papers, and engaging effectively with government, UN, NGO, and donor stakeholders.

EMPLOYMENT HISTORY

- **Consultant – University of Texas at Austin (March 2026 – to date)**
- **Consultant – WWF Pakistan (July 2025 – March 2026)**
- **International Water Management Institute (IWMI – Pakistan)**
 - Chief of Party and International Researcher (May 2022 – 30 June 2025)
 - Responsible for the global portfolio of projects and administrative roles in Asia, Africa, and MENA regions
 - Senior Regional Researcher (2019 – April 2022)
 - Responsible for a portfolio of projects and administrative roles in the Asia region
 - Regional Researcher (2016 – 2019)
 - Responsible for a portfolio of projects in the Asia region
 - National Researcher (2011 – 2015)
 - Responsible for a portfolio of projects in Pakistan
- Researcher- **Lahore University of Management Sciences (LUMS)**, Pakistan (2008 – 2011)
- Project Engineer, **Nestle Pakistan Limited**, Pakistan (2006 – 2008)
- Field Service Engineer, **Honda Atlas Cars Pakistan Limited**, Pakistan (2005 – 2006)

EDUCATION

- PhD, MANAGEMENT (WATER GOVERNANCE), LAHORE UNIVERSITY OF MANAGEMENT SCIENCES (LUMS), PAKISTAN (2018)
- M.Sc., ENGINEERING MANAGEMENT, UNIVERSITY OF ENGINEERING AND TECHNOLOGY (UET) LAHORE, PAKISTAN (2008)
- B.Sc. MECHATRONICS ENGINEERING, UNIVERSITY OF ENGINEERING AND TECHNOLOGY (UET) LAHORE, PAKISTAN (2004)

COUNTRIES OF EXPERIENCE: *Pakistan, Afghanistan, South Asia, Central Asia*

CORE EXPERTISE

Technical: Climate Resilience and Adaptation • WASH Programming • Institutional and Policy Analysis • Climate Change Mitigation • Climate Smart Agriculture • Information systems • Nature-based Solutions • Water Governance & Transboundary Water Management • Disaster Risk Resilience • Solar-Based Irrigation Systems • Capacity Building and Knowledge Exchange • Strategy Development

Management: Strategic Leadership • Teamwork and capacity Development of Teams • Inclusivity • Stakeholder's Engagement and managing long term relationships • Project Management • Project Design and Feasibility • Risk Management • Business Development and Proposal writing • Networking and Communication • Budgeting and Financial Reporting • Mentorship • Moderation and Public Presentations • Managing Multicultural Teams • Negotiation and Conflict Resolution • Time Management • Performance Management

LANGUAGES

Language skills	Speaking	Reading	Writing
English	Excellent	Excellent	Excellent
Urdu	Excellent	Excellent	Excellent
Punjabi	Excellent	Excellent	Excellent
Hindi	Good	No	No

KEY PROJECTS AND REGIONAL LEADERSHIP

Dr. Shah has over 14 years of experience in developing, leading, and implementing large donor-funded projects/programmes that involve stakeholders from the development sector, government, academia, and private sectors. Dr. Shah has won **USD 15.3 million grants** as Principal Investigator and has contributed to delivering more than USD 20 million in grants in his career with IWMI. A summary of the projects that he has won as Principal Investigator is included below:

INTERNATIONAL RESEARCH GRANTS/PROJECTS WON

Awarding Body	Amount	Project Title	Duration	Engagement
United States Agency for International Development (USAID)	USD 7.5 million	Water Management for Enhanced Productivity (WMfEP)	July 2018 – Mar 2025	Chief of Party / Principal Investigator
National Science Foundation (NSF USA)	USD 2 million	PEER2PEER International Convergence Research Networks in Transboundary Water Security	Jan 2022 – Sep 2026	Project Steering Committee Member and IWMI Project Lead for CA and MENA regions
Swiss Agency for Development and Cooperation (SDC)	USD 5.5 million	Solar Irrigation for Agricultural Resilience in South Asia (SoLAR-SA)	Jan 2020 – Dec 2024	Country Lead Pakistan/PI
United States Agency for International Development (USAID)	USD 300,000	Enhanced Engagement in Research for Kabul River Basin (EKaRB)	Nov 2015 – Jan 2020	Principal Investigator

Chief of Party – Water Management for Enhanced Productivity (WMfEP) 2018 – 2025 (Location – Pakistan, Afghanistan). This was a USAID-funded 7.5 million USD project that spanned 7 years (2018 – 2025). This project addressed the gap between infrastructure development and governance and management arrangements for water, food, land & labor resources in the wake of climate change to achieve four development outcomes to support achieving the strategic goal of the project. Apart from the COP position for project management, I led two Components on better water governance and Transboundary water governance between Afghanistan and Pakistan.

IWMI Team Lead for Central Asia and MENA region and Project Steering Committee Member - PEER2PEER International Convergence Research Networks in Transboundary Water Security 2022 – 2026 (Location - USA, Central & South Asia and MENA regions). PEER2PEER, an implementation-track project funded by NSF (2 Million USD), advances transboundary water & food security research, education, and outreach by catalyzing novel international and interdisciplinary cooperation. This network of networks brings together networks managed by the National Academies of Sciences, Engineering, and Medicine and partner organizations in the United States, the Middle East, North Africa, and Central Asia.

Country Lead from IWMI Pakistan- Solar Irrigation for Agricultural Resilience (SoLAR) 2019 – 2024 (Location – Pakistan, India, Nepal, Bangladesh). This has been a 6-year, 5.5 million USD project funded by SDC, which has supported climate-compatible development of energy and food systems to ensure food security in rural South Asia for resilient livelihoods

Team Member - Fostering Trust Amongst Pakistan’s Water Institutions (FTaPWI). 2020 – 2021 (Location – Pakistan). This was FCDO funded project jointly undertaken by two CGIAR Centers i.e. IWMI and IFPRI. I contributed to the interprovincial dialogue between the provinces to tackle some of the issues of mistrust and devise a mechanism for better management of the shared water resource.

Project Leader – Enhanced Engagement in Research on Kabul River Basin (EkaRB) 2015 – 2019. (Location – Afghanistan, Pakistan and Central Asia). This was a USAID-funded project that spanned 4 years (2015 - 2019). As PI of the project, I was responsible for the timely completion of all deliverables, leading the project steering committee meetings, workshops, and budgets. The project produced multiple research outputs to inform water and food security in Afghanistan and Pakistan.

Water Management Specialist - Groundwater for Drought Resilience in South Asia: Management and Adaptation Options for Sustainable Outcomes. 2017 – 2018 (Location – South Asia). This was a WB-funded project where I worked as the Lead team member from Pakistan and contributed a case study, which was published as part of the WB report. Co-authored the WB report with other colleagues from IWMI and other regions.

Team Member – Informing Change in the Indus Basin (ICIB) 2016 – 2018 (Location – India, Pakistan, China, Afghanistan). Worked as a team member on this FCDO-funded regional project and contributed to the regional component on transboundary water management challenges at the basin level as well as interprovincial water issues in Pakistan. Moreover, delivered a book chapter on Stakeholder Perspectives on Transboundary Water Cooperation in the Indus River Basin.

Team Leader - Assessing options for effective water governance in Pakistan’s Indus Basin Irrigation System. (IBIS-Watgov) 2013 – 2015 (Location – Pakistan). I have worked on designing of manual as well as automated systems for the measurement of canal flow at the head and outlet level. I also worked on the design of experimental games and choice experiments to investigate the farmers’ willingness to pay for increased reliability of irrigation services delivery and their preferences for use of surface vs. groundwater.

Component Leader - Enhancing Provisioning Ecosystems Services through Farmer Institutions (EProvESS) CGIAR WLE funded Project 2015 - 2016 (Location – Pakistan). Delivered credible,

timely and accessible information and developed capacity of farmer institutions to better manage irrigation infrastructure i.e. outlets, watercourses etc.

Team Member – Revitalizing Irrigation in Pakistan (ReVIIP) 2011 – 2014 (Location – Pakistan). This was a Dutch Government funded project where I worked in components 4 & 5 of the project. In component 4 I worked on canal telemetry systems at secondary canal level and installed two automatic weather stations. In component 5 I worked on institutional reforms in the irrigation sector.

FORMAL TRAININGS/CERTIFICATE COURSES FOR PERSONAL DEVELOPMENT

- Training on “International Water Law (IWL) Improving water governance and climate resilient investment” by UNECE, December 8 -11, 2025, Bangkok, Thailand
- “Agriculture Research Leadership and Management Master Class”, Nov 4 – 10, 2023 at Bangkok arranged by the Crawford Fund, Australia
- Training on Transboundary Water Governance. Sep 2020 organized by IUCN (online)
- Training on “Open Data Kit” organized by USAID/NAS Oct 23 – 24, 2019, Tashkent, Uzbekistan
- Training on “Water Accounting” Apr 20 – 21, 2019 organized by IWMI, Tashkent, Uzbekistan
- “Negotiation Skills and Flash Talks” Mar 13 – 16, 2018 organized by USAID/NAS in Amman Jordan.
- Training on “QGIS” Dec 5, 2018 organized by USAID/NAS in Almaty, Kazakhstan
- Training on “Effective Writing Skills” Mar – Jun 2018 organized by IWMI
- “Infographic Design Training” Sep 4 – 5, 2018 organized by USAID, Islamabad, Pakistan
- Short Course on “Water Resources Assessment” Feb 10 – 28, 2014 at UNESCO IHE, Netherlands
- “Data Logger Programming” Nov 4 – 7, 2013 organized by Campbell Scientific, Utah, USA
- Discrimination and Harassment Prevention – Humentum Online
- Unconscious Bias in CGIAR's Workplaces - Humentum Online
- An introduction to Gender, Diversity and Inclusion in CGIAR's Workplaces - Humentum Online
- 2021 Kevin Mitnick Security Awareness Training – online
- People Management - Managing Through Meaningful Conversations – Humentum Online
- A Civil and Respectful Workplace: Building a Strong, Affirmative Culture - Humentum Online
- COVID-19: What You Need to Know - Humentum Online
- Fighting Fraud in NGOs - Humentum Online
- CGIAR -Gender, Diversity and Inclusion E-learning – Humentum Online
- Information Security - Humentum Online
- HLA - Safeguarding Essentials Learning Path - Humentum Online
- Workplace Harassment and Bullying: Managing Threats to a Respectful Work Culture - Humentum Online

SELECT KEY PUBLICATIONS

SR #	PUBLICATION TYPE	COUNT
1	BOOKS	1 (published as lead editor)
2	BOOK CHAPTERS	07

3	PEER-REVIEWED INTERNATIONAL IMPACT FACTOR JOURNAL ARTICLES	12
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BOOK

1. **Shah, M.A.A.**, Lautze, Jonathan; Meelad, A. (Eds.). 2023. *Afghanistan–Pakistan shared waters: state of the basins*. Wallingford, UK: CABI. 184p. [doi: <https://doi.org/10.1079/9781800622371.0000>]

PEER-REVIEWED IMPACT FACTOR JOURNAL ARTICLES

1. Arshad, A., Mirchi, A., He, C. **Shah, M.A.A.**, Agklouchak, A., (2025) Anthropogenic and climatic drivers of the 2022 mega-flood in Pakistan. *Nature Portfolio Journal Natural Hazards* 2, 57 <https://doi.org/10.1038/s44304-025-00109-z> (HEC: W, Impact Factor = 3.3, Scopus Quartile = Q1)
2. Bell, A., Akbar, Z., **Shah, M.A.A.**, Buisson, M.C. and Mukherji, A. (forthcoming, 2026) Irrigation Efficiency Paradox in solar irrigation farming: evidence 1 from behavioral experiments in Pakistan. *Water Resources Research* (ABDC: A, Impact Factor = 5, Scopus Quartile = Q1)
3. Bell, A. **Shah, M.A.A.**, Anwar A., and Sam, T. (2022). Crafting spaces for good water governance in Pakistan. *Water Resources Research* 58, e2021WR031265 <https://doi.org/10.1029/2021WR031265> (ABDC: A, Impact Factor = 5, Scopus Quartile = Q1)
4. A., Bharucha, Z. P., Biemans, H., **Shah, M.A.A.**, et al. (2022). Knowledge priorities on climate change and water in the Upper Indus Basin: A horizon scanning exercise to identify the top 100 research questions in social and natural sciences. *Earth's Future*, 10, e2021EF002619. <https://doi.org/10.1029/2021EF002619> (Impact Factor = 7.3, Scopus Quartile = Q1)
5. **Shah, M.A.A.**, Bell, A, Anwar, A., (2021) Enabling volumetric flow measurement in a South Asian irrigation scheme: perceptions and conflict reduction. *Water Resources Research* (ABDC: A, Impact Factor = 5, Scopus Quartile = Q1)
6. Bhatti, M.T, Anwar, A., **Shah, M.A.A.** (2019) Revisiting Telemetry in Pakistan's Indus Basin Irrigation System. *Water*, 11, 2315; doi:10.3390/w11112315 (Impact Factor = 3)
7. Pavelic, P, Shah, T, Verma, S, Karen G. V, **Shah, M.A.A.**, and Makin, I. (2019) Groundwater for Drought Resilience in South Asia: Management Options for Sustainable Outcomes, *The World Bank*
8. Bhatti, M.T, Ahmad, W. **Shah, M.A.A.** & Khattak, M.S. (2018) Climate change evidence and community level autonomous adaptation measures in a canal irrigated agriculture system of Pakistan, *Climate and Development*, DOI: [10.1080/17565529.2018.1442803](https://doi.org/10.1080/17565529.2018.1442803) (ABDC: B, Impact Factor = 3.8, Scopus Quartile = Q1)
9. Bell, A. **Shah, M.A.A.**, and Ward, P. (2016). Increased water charges improve efficiency and equity in an irrigation system. *Ecology and Society* 21 (3): 23 (Impact Factor = 4.4 Scopus Quartile = Q1)
10. **Shah, M.A.A.**, Anwar, A, Bell, A, Ul Haq, Z. (2016) Equity in a Tertiary Canal of the Indus Basin Irrigation System. *Agricultural Water Management* 178 pg. 201 – 214 (ABDC: B, ABS: 3, Impact Factor = 6.5, Scopus Quartile = Q1)
11. Bell, A. **Shah, M.A.A.**, Anwar, A, and Ringler, C. (2015). What role can information play in improved equity in Pakistan's irrigation system? Evidence from an experimental game in Punjab. *Ecology and Society* 20(1): 51 (Impact Factor = 4.4 Scopus Quartile = Q1)
12. Bell, A. **Shah, M.A.A.**, and Ward, P. (2014). Re-imagining cost recovery in Pakistan's irrigation system based on willingness-to-pay estimates from a discrete choice experiment. *Water Resources Research*, 50, pp 6679-6695 (ABDC: A, Impact Factor = 5, Scopus Quartile = Q1)

BOOK CHAPTERS

1. **Shah, M.A.A.**, Lautze, Jonathan; Meelad, A. 2023. *Introduction*. In Ali Shah, Muhammad Azeem; Lautze, Jonathan; Meelad, A. (Eds.). *Afghanistan–Pakistan shared waters: state of the basins*. Wallingford, UK: CABI. pp.1-8. [doi: <https://doi.org/10.1079/9781800622371.0001>]
2. Meelad, A.; **Shah, M.A.A.**, Lautze, Jonathan. (2023). *Methodology: co-production of knowledge for ownership and sustainability*. In Ali Shah, Muhammad Azeem; Lautze, Jonathan; Meelad, A. (Eds.). *Afghanistan–Pakistan shared waters: state of the basins*. Wallingford, UK: CABI. pp.9-19. [doi: <https://doi.org/10.1079/9781800622371.0002>]
3. **Shah, M.A.A.**; Nabeel, F. (2023). *Institutions and governance*. In Ali Shah, Muhammad Azeem; Lautze, Jonathan; Meelad, A. (Eds.). *Afghanistan–Pakistan shared waters: state of the basins*. Wallingford, UK: CABI. pp.120-142. [doi: <https://doi.org/10.1079/9781800622371.0008>]
4. Lautze, Jonathan; Meelad, A.; **Shah, M.A.A.**, (2023). *Conclusions and recommendations*. In Ali Shah, Muhammad Azeem; Lautze, Jonathan; Meelad, A. (Eds.). *Afghanistan–Pakistan shared waters: state of the basins*. Wallingford, UK: CABI. pp.162-166. [doi: <https://doi.org/10.1079/9781800622371.0010>]
5. Sattar, E. & **Shah, M.A.A.**, (2023) *Water Treaties: National and international*. In Mahmood, A. *Water Policy in Pakistan: Issues and Options*. Springer ISBN 978-3-031-36130-2
6. **Shah, M.A.A.** and Panchali, S. (2017) Book Chapter: Stakeholder Perspectives on Transboundary Water Cooperation in the Indus River Basin. *Water Governance and Collective Action: Multi-scale Challenges*. Routledge ISBN-10: 1138040541
7. **Shah, M.A.A.** (2012) Book Chapter: The Effects of Modernity and Development on Water Management. *Perspectives on water: constructing alternative narratives*, Academic Foundation New Delhi, ISBN: 8171889700

PROCEEDINGS/PRESENTATIONS IN INTERNATIONAL CONFERENCES

1. Arshad, A., Mirchi, A., **Shah, M.A.A.**, Agklouchak, A (2024) Natural and Anthropogenic Drivers of the 2022 Mega-Flood in Pakistan. *American Geophysical Union conference, Washington D.C. 9 – 13 December 2024 USA*
2. **Shah, M.A.A.**, Lautze, J. (2024) Start small: Key Prospects and Impediments for Transboundary Water Cooperation between Afghanistan and Pakistan. *American Geophysical Union conference, 9 – 13 December Washington D.C., USA*
3. **Shah, M.A.A.**, (2024). Developing Stronger Institutional Partnerships and Capacity Building. 2024 Annual Crawford Fund Conference, 12 – 13 August, Parliament House, Canberra, Australia
4. **Shah, M.A.A.**, (2024). Strategies for fostering collaboration. AccelNet PEER2PEER Workshop Learning Resilience – Lessons for Managing Transboundary Water Resource Vulnerabilities. National Academies of Sciences, Engineering and Medicine, *University of California, Irvine 24 – 25 June 2024 USA*
5. **Shah, M.A.A.**, (2024). Partnerships for Enhanced Engagement in Research (PEER) Closing Meeting National Academy of Science, Washington, D.C. June 27, 2024 USA
6. **Shah, M.A.A.**, (2024). Designing effective and inclusive policies and policy tools for solar energy transitions. Global Science – Policy Forum: Socially Inclusive Solar Irrigation Systems. Kathmandu, 24 – 26 April 2024 Nepal
7. **Shah, M.A.A.**, (2023) “Governance as a Triple Loop Learning Process – Tool to realise Conjunctive Water Management”. Global Workshop on Conjunctive Management of Surface Water and Groundwater: National to Transboundary Level – United Nations Economic Commission for Europe *UNECE Geneva 16 – 17 October 2023 Switzerland*
8. **Shah, M.A.A.**, Lautze, J. (2023) “Afghanistan – Pakistan Shared Waters: State of the Basins”. Global Workshop on Conjunctive Management of Surface Water and Groundwater: National to Transboundary Level – United Nations Economic Commission for Europe *UNECE Geneva 16 – 17 October 2023 Switzerland*
9. **Shah, M.A.A.**, (2023). “Vulnerability and Social and Environmental Equity”. *PEER2PEER 2023*

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- Workshop: Opportunities for Building Resilience in the Face of Transboundary Water Resource Vulnerabilities - A Focus on Central Asia. November 1 - 3, 2023 Samarkand, Uzbekistan
10. **Shah, M.A.A.**, (2023). Successful Practices for Climate Advocacy, Governance and Adaptation in Support of Vulnerable Communities. Morocco Climate Action Consultative Workshop March 20 - 21, 2023 Rabat, Morocco
 11. **Shah, M.A.A.**, (2022). "Interdisciplinary research priorities". PEER2PEER Inception Workshop: Interdisciplinary Research in Transboundary Water Security. September 3 – 4. Bishkek, Kyrgyzstan
 12. **Shah, M.A.A.**, (2022). Leadership and mentoring. Mentoring Orientation Workshop under the Gender Researchers' Leadership and Mentoring Program. October 15 – 21, Naivasha, Kenya
 13. **Shah, M.A.A. and Anwar, T.**, (2020) "Grid-connected solar irrigation potential in Pakistan". Solar Irrigation for Agricultural Resilience in South Asia. January 21 – 22. Colombo, Sri Lanka
 14. **Shah, M.A.A.**, (2019). Potential Areas for Cooperation on Areas Leading to Enabling Environment under Changing Climate. Consultation workshop on Integrated Basin wide Approach for Kabul River Basin. January 7 – 8, Dubai, UAE
 15. **Shah, M.A.A.**, (2019). Enhanced Engagement in Research on Kabul River. International Workshop on Enhanced Engagement in Research on AF-PAK Transboundary Water Management. 22 – 24 April 2019, Tashkent, Uzbekistan
 16. **Shah, M.A.A.**, (2019), Background of transboundary water management - The Pakistan experience. Transboundary collaboration in water resource management. August 26 – Sep 02. Pretoria, South Africa
 17. **Shah, M.A.A.**, (2019), Benefit sharing between Afghanistan and Pakistan - Pakistan-Afghanistan Stakeholders Consultation: The Way Forward for Benefit Sharing in Kabul River Basin. October 16 – 17, Dubai, UAE
 18. **Shah, M.A.A.**, (2019), Transboundary Water Research in Central Asia - Priorities and Challenges, Perspective from Kabul River Basin. 2019 PEER Forum - Transboundary Water Research in Central Asia. October 21 – 22, 2019 Tashkent, Uzbekistan
 19. **Shah, M.A.A.**, (2018). Panelist in the International Conference on "Managing systems under stress: Science for solutions in the Indus Basin" May 31 – June 2, Vienna, Austria
 20. **Shah, M.A.A.**, (2018). Reflections on the Kabul River Basin and Information Availability at the International Conference on Decision Making Amidst Complexity in the Kabul River Basin: Refining a decision support tool. June 25 – 26 Kathmandu, Nepal
 21. **Shah, M.A.A.**, (2018) Water Governance and food security issues in Pakistan. International Conference by Australian Center for International Agricultural Research (ACIAR) in collaboration with University of South Australia. November 12 – 14, Bangkok, Thailand
 22. **Shah, M.A.A.**, (2018) Enhanced Engagement in Research on Kabul River Basin (EKaRB). Central Asia PEER Forum. December 3 – 5, Almaty, Kazakhstan
 23. **Shah, M.A.A.**, (2017). "The Potential of Precision Surface Irrigation in the context of the Indus Basin Irrigation System". International Scientific and Practical Conference on Water Resources in Central Asia. April 20 – 21. Almaty, Kazakhstan
 24. **Shah, M.A.A.**, (2017). Experience and Lessons from IWMI's Work in Pakistan. Sustainable Water Resources Management: Innovative Approaches and Policy Options. November 27 – 29. Qingdao, China
 25. **Shah, M.A.A.**, (2017) Policy framework for water governance and integrated water resources management to produce more nutritious food with less water. International Workshop "Innovations in Marginal Water Resource for Resilient Agriculture and Food Security" December 10 – 14 Tashkent, Uzbekistan
 26. **Shah, M.A.A.**, (2017) Enhanced engagement in research on Kabul River Basin. PEER Kabul River Basin Forum, July 3rd 2017, Colombo, Sri Lanka
 27. **Shah, M.A.A.**, (2016) The Art of Flash Talk. USAID MENA Research Partnerships Forum. March 13 – 16 Amman, Jordan
 28. **Shah, M.A.A.**, (2016) Transboundary water management in South Asia – challenges and opportunities – 19th International River Symposium. September 12 – 14, New Delhi, India
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29. **Shah, M.A.A.** and Nair, N., (2016) "Water Management and Hydrological Research Issues in Lower Indus Basin". Knowledge Exchange on Climate Change and Glaciers. October 11 – 15, Zurich, Switzerland
30. **Shah, M.A.A.**, (2015). "Enhanced Engagement in Research on Kabul River Basin (EKaRB)" PEER Central Asia Transboundary Water Research Forum. September 13th – 16th, Astana, Kazakhstan
31. Anwar, A, **Shah. M.A.A**, Aslam, M (2014). "Modernizing a public irrigation scheme. A case study of Pakistan's Hakra canal scheme". Reforms in management of public irrigation system. 30 – 31 Oct. 2014, Bengaluru, India
32. Bell, A. **Shah, M.A.A.** Anwar, A. and Ringler, C. (2013). "Is information the key to improved equity in Pakistan's irrigation system? Evidence from an experimental game in Punjab", IASC 2013, Japan
33. **Shah. M.A.A. (2013)** Rains or Reigns: A post-colonial critique of 2010 Floods in Pakistan, "Politics of Water Resources Governance in the Indus Basin" Lahore, 9 – 10 January 2013,
34. **Shah, M.A.A. (2011)** The impact of technological change on working relationships in large organizations. 3rd International Conference in Business and Management Education (ICBME), Bangkok Jan. 2011, ISBN: 978-0-9864591-7-8

COUNTRIES TRAVELLED For WORK

USA, China, Netherlands, France, India, Thailand, United Arab Emirates, Sri Lanka, Germany, Belgium, Austria, Turkey, Kenya, South Africa, Jordan, Uzbekistan, Kazakhstan, Kyrgyzstan, Nepal, Switzerland, Czech Republic, Saudi Arabia, Morocco, Azerbaijan, Bangladesh

SOFTWARE SKILLS

Well conversant with the following software packages and applications:

MaxQDA, Zotero, CR Basic, Loggernet, MS Office Suite, Mendeley, Databases

AWARDS AND FELLOWSHIPS

1. Fully Funded Ph.D. Scholarship from **Suleman Dawood School of Business, Lahore University of Management Sciences** worth about US \$50,000 for the period 2008-12.
2. Fully Funded M.Sc. Engineering Management Scholarship from the **National Engineering and Scientific Commission** 2005 – 2007
3. Received B.Sc. Engineering degree in Mechatronics from the **University of Engineering and Technology Lahore** with **Honors** 2001 – 2004
4. Appointed **Mentor** by the **CGIAR African Women in Agricultural Research and Development (AWARD) program for 2022 – 23**
5. Received the **Top Downloaded Article certificate** from **WILEY** for the research article titled, "Knowledge Priorities on Climate Change and Water in the Upper Indus Basin: A Horizon Scanning Exercise to Identify the Top 100 Research Questions in Social and Natural Sciences" published in the Journal **Earth's Future** for the year 2022
6. Became the youngest **Chief of Party** for the USAID-funded project "Water Management for Enhanced Productivity" worth **USD 7.5 million** at the International Water Management Institute (IWMI – Pakistan Office)
7. Was invited by **Columbia University, NYC**, to lecture postgraduate students on water governance challenges in Pakistan in 2013.
8. **Member of the Industrial Advisory Board** for the Department of Geography, Lahore College for Women University, Lahore.