

SYED IFTIKHAR HUSSAIN SHAH KAZMI'S CURRICULUM VITAE



Junior Research Specialist

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PERSONAL BACKGROUND

Born: July07, 1973, Citizenship: Pakistan, Un-married

RESEARCH INTEREST

Surface and groundwater management for irrigation, drainage, water quality, efficient use of water, crop water requirement, water harvesting

EDUCATION:

2007-to date	PhD (in progress) Water Resources Management (Civil Engineering and Geosciences) Technical University Delft, the Netherlands
1997-1999	M.Sc. (Hons) Water Management NWFP Agricultural University, Peshawar, Pakistan 3.94/4.00 Thesis Title: Performance evaluation of composite pipe drainage system at Kalpani pilot project area of Swabi SCARP
1993-1997	B.Sc. (Hons) Water Management NWFP Agricultural University, Peshawar, Pakistan 3.86/4.00

TRAININGS/SHORT COURSES COMPLETED:

Name and Place	Type of Training	Duration	
		From	To
HYDRUS short course: Prague, Czech Republic	Hydrus 1D use for simulation of water flow and chemicals transport through porous media.	March 6, 2012	March 8, 2012
Groundwater Governance in Asia, "Theory and Practice". India, Pakistan and Nepal	1 month theory and 3 months research in the domain of groundwater including its use and management for agriculture	Nov, 2007	March, 2008
Spatial tools in ground water resources. Technical University Delft. The Netherlands	The course discussed several Geographical Information System (GIS) and Remote Sensing (RS) tools relevant for analysis of (problems in and aspects of) water systems	April, 2007	July, 2007
Computer course Agricultural University	Dos/Windows, Lotus, word perfect, FoxPro	Oct, 1997	Dec, 1997
WAMA Project, Agricultural University Peshawar	Field Measurement Techniques for Water Management	July, 1996	August, 1996

DISTINCTIONS/AWARDS:

Ph.D Scholarship (2007-2011), Higher Education Commission, Islamabad, Govt. of Pakistan

Second Position in M.Sc. (Hons) (1999), Dept. of Water Management, NWFP Agricultural University, Peshawar, Pakistan

COMPUTER SKILLS:

- During the graduate study, worked with Fortran Programming, Presently working with Windows XP, Microsoft Office, CROPWAT, ArcGIS, Hydrus 1D, Modflow

INSTRUMENTS USED:

- Sprinkler and drip Irrigation systems, automatic weather station, infiltrometers, GPS, HPLC, GCMS

LANGUAGES:

- Fluent in English, Urdu, Hindko, Punjabi and Fair in Pushto.

Co-CURRICULAR:

- Served in the *National Cadet Corps* from 1990-92

PROFESSIONAL EXPERIENCE:

Nov. 2005 - Present **Junior Research Specialist**, Dept. of Water Management, NWFP Agricultural University Peshawar, Pakistan

Jul. 2003 – Jul. 2004 **Field Coordinator**, Micro Irrigation, Engro Asahi Polymers an Chemicals, Karachi

Nov.1999 – Feb. 2002 **Consultant**, PRME, SUNGI Development Foundation, Abbottabad.

PUBLICATIONS:

A. Publications in Refereed Journals:

- Usman, M., I. Kazmi, T. Khaliq, A. Ahmad, M. F. Saleem and A. Shabbir. 2012. Variability in water use, crop water productivity and profitability of rice and wheat in Rechna Doab, Punjab, Pakistan. *The Journal of Animal & Plant Sciences*, 22(4): 998-1003.
- Kazmi, S. I., M. W. Ertsen and M. R. Asi .2012. The impact of conjunctive use of canal and tube well water in Lagar irrigated area, Pakistan. *Physics and Chemistry of the Earth*, Vol 47-48, 86-98.
- Sarwar, T., S. I. Hussain and M. J. Khan. 2001. Performance evaluation of a composite pipe drainage System of Swabi SCARP. *Sarhad Journal of Agriculture*. 17(4): 595 – 600.

B. Publications in Workshop Proceedings:

- Kazmi, SIHS & Ertsen, MW (2011). *Changes in tube wells count in two decades in area under conjunctive irrigation in Pakistan*. In s.n. (Ed.), Proceedings of the 25th ICID European Regional Conference; Deltas in Europe (pp. 1-13). Groningen: NETHCID. (TUD)
- Kazmi S.I.H.S. and M.W. Ersten 2011. *Potential estimation of groundwater recharge using pesticides as tracer* Oral presentation at the European Geosciences Union, General Assembly 2011, Vienna, Austria
- Ertsen M.W. and S.I. Kazmi 2010 *Irrigation and groundwater in Pakistan*, Poster at the European Geosciences Union, General Assembly 2010, Vienna, Austria

REFERENCES

1. Prof. Dr. Muhammad Jamal Khan (Employer), Chairman, Dept. of Water Management, NWFP Agricultural University, Peshawar, 25130, Pakistan Phone (Office): 92-91-9216544
Email: dr_jamal_aup@yahoo.com
2. Prof. Dr. Tahir Sarwar. Department of Water Management NWFP Agricultural University, Peshawar, Pakistan Phone: 92-91-9216544, 92-91-9216509 Email: tahir@aup.edu.pk
3. Prof. Dr. ir. Nick van de Giesen, (Ph.D. Supervisor) Chair, Water Resources Management, TU Delft, the Netherlands. email: n.c.vandegiesen@tudelft.nl Phone # +31 15 2781646
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