

# KASHIF MEHMOOD

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## PROFILE

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Committed and enthusiastic graduate student of Agricultural Engineering from University of Agriculture-Faisalabad, with a strong teaching and research aptitude in the field of water resources management and Hydrology, having over six years hands on experience as Lecturer and Assistant Executive Engineer with capability of making consolidated decisions.

## RESEARCH INTEREST

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- Climate change and water resources
- Surface and Groundwater Hydrology
- Groundwater modeling
- Remote sensing and GIS applications in water resources management
- Integrated urban water management

## EDUCATION

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11/2018–Cont.	<b>PhD Student/Junior Researcher</b>	<b>In Progress</b>
<b>Area of Specialty</b>	Hydrology and Water Resources Management <i>ZEF, University of Bonn, Germany</i>	
09/2010–10/2013	<b>Master of Science in Agricultural Engineering</b>	<b>CGPA: 3.91/4.00, 81.38%</b>
<b>Area of Specialty</b>	Water Resources Management <i>University of Agriculture, Faisalabad-Pakistan</i>	
09/2006–06/2010	Bachelor of Science in Agriculture Engineering	<b>CGPA: 3.65/4.00, 76.47%</b>
	<i>University of Agriculture, Faisalabad-Pakistan</i>	
09/2003– 08/2005	Higher Secondary School Certification	<b>Cumulative Grade: A</b>
	<i>Government College University, Faisalabad, Pakistan</i>	

## MASTER THESIS

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01/2013– 10/2013 Satellite Based Regional Scale Actual Evapotranspiration Estimation in Lower Chenab Canal System, Punjab-Pakistan”

**Supervisor:** Prof. Dr. Allah Bakhsh

## PROFESSIONAL EXPERIENCE

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09/2014– To-date

### **Lecturer**

*University of Agriculture (UAF), Pakistan*

### **Responsibilities**

- Teaching different courses to bachelor engineering class related to water resources engineering and management.
- Conducting research experiments

06/2012–09/2014

### **Assistant Executive Engineer (Lab. Engineer)**

*University of Agriculture (UAF), Pakistan*

### **Responsibilities**

- Assistance in research activities at Department of Irrigation and Drainage department, UAF. In addition, incharge of hydraulics and flow systems lab.

03/2012–06/2012

### **Research Fellow**

German funded Project, “Improving Irrigation Water Use in the Punjab Province Of Pakistan by Raising Flexibility and Integrating Surface and Ground Water Resources” at *University of Agriculture (UAF), Pakistan*

### **Responsibilities**

Assistance in research activities of project, conduct field survey, data collection and digital images processing

## Writer of Book Chapter/Practical Manual

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A Chapter on “Irrigation Pumping Systems” in the multi-authored Book of Department of Irrigation & Drainage, Faculty of Agricultural Engineering & Technology, University of Agriculture, Faisalabad- Pakistan 2017. The book entitled “Applied Irrigation Engineering” is available Online available at [onlinebooks@uaf.edu.pk](mailto:onlinebooks@uaf.edu.pk)

## Research Publications

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Zaman, M., Fang, G., **Mehmood, K.**, & Saifullah, M. (2015). Trend change study of climate variables in Xin’anjiang-Fuchunjiang watershed, China. *Advances in Meteorology*, 2015

Chauhdary, J. N., Bakhsh, A., Ahmad, N., & **Mehmood, K.** (2015). Optimizing chlorine use for improving performance of drip irrigation system under biologically contaminated water source. *Pak. J. Agri. Sci*, 52(3), 829-835.

## **Courses Taught at University**

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- Irrigation Engineering
- Drainage Engineering
- Fundamental and Applied fluid Mechanics
- Water Quality Management
- Groundwater Hydrology
- Irrigation and Drainage Practices for Agriculture
- Surface Water Hydrology
- Irrigation Pumping System

## **ACHIEVEMENTS**

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- DAAD/HEC scholarship Awardee for PhD studies
- Overall 5<sup>th</sup> Position in the session 2006-2010
- Merit scholarship holder throughout in bachelors and master degree program

## **LINGUISTIC PROFICIENCY**

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- English: Speaking, Reading, Listening and Writing(Excellent)

## **M.Sc. (Hons.) STUDENTS SUPERVISED**

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1. Adeel Ahmed Nadeem. 2017. GRACE-based groundwater storage measurement over Rachna Doab. Regd. No. 2011-ag-2709
2. Ashir Roman. 2018. Investigation of Flood Management Options in Jhang District by Integrated Flood Hazard Mapping. Regd. 2012-ag-23763

## **ACADEMIC REFERENCES**

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1. Prof. Dr. Allah Bakhsh, Professor/Dean, Faculty of Agricultural Engineering and Technology, University of Agriculture Faisalabad. Email: [bakshsh\\_uaf@yahoo.com](mailto:bakshsh_uaf@yahoo.com)
2. Prof. Dr. Muhammad Arshad, Professor/Chairman, Department of Irrigation and Drainage, University of Agriculture Faisalabad. Email: [arsmrz@yahoo.com](mailto:arsmrz@yahoo.com)
3. Dr. Muhammad Jehanzeb Masud Cheema, Assistant Professor, Department of Irrigation and Drainage, University of Agriculture Faisalabad. Email. [mjm.cheema@gmail.com](mailto:mjm.cheema@gmail.com)
4. Dr. Berherd Tischbein. Senior Researcher, Centre for Development Research, University of Bonn, Germany. Email. [uls203@uni-bonn.de](mailto:uls203@uni-bonn.de)