

Qamar-uz-Zaman

Assistant Professor-Machinery System Research Chair
[Engineering Department, Nova Scotia Agricultural College](#)
39 Cox Road, PO Box 550, Truro, Nova Scotia,
B2N 5E3, Canada
Qamar_zaman1961@yahoo.com

Education:

PhD 1995 Precision Agriculture [University Newcastle upon Tyne, UK](#)
M.Sc.1990 Agricultural Engineering [University of Agriculture, Pakistan](#)
B.Sc. 1985 Agricultural Engineering [University of Agriculture, Pakistan](#)
Short course on “*Introduction to GIS Application*”, [University of Florida, USA](#).

Teaching and Research Experience:

Assistant Professor-Machinery Systems Research Chair – Engineering Department,
[Engineering Department, Nova Scotia Agricultural College](#), Dec. 1, 2006.
JSPS Post-Doc Fellow - Department of Environmental and Agricultural Engineering,
[Tokyo University of Agriculture and Technology, Japan](#), Oct. 2005- Oct. 2006
Post-Doctoral Research Associate - [Citrus Research and Education Center, University of Florida, Lake Alfred, Florida, USA](#), Feb. 2002- August, 2005.
Assistant Professor - Faculty of Agric. Engineering and Technology, [University of Agriculture Faisalabad, Pakistan](#), April 2000-Feb.2002.
Lecturer - Faculty of Agric. Engineering and Technology, [University of Agriculture, Faisalabad, Pakistan](#), Oct. 1999 to April 2000.
Postgraduate (Ph. D)- Precision Farming Project, [University of Newcastle upon Tyne, England](#), Sep. 1995 to Oct. 1999.
Lecturer - Faculty of Agric. Engineering and Technology, [University of Agriculture Faisalabad, Pakistan](#), Feb. 1987 to Sep. 1995.
Research Officer - Directorate of Water Management, [University of Agriculture, Faisalabad, Pakistan](#), Mar.1985 to Feb.1987.

Teaching Activities:

University Degree Courses Offered:

- Advanced Power and Machinery
- Tillage and Traction Dynamics
- Farm Mechanization
- Soil Mechanics
- Irrigation and Drainage
- Fluid Mechanics

Student Supervision:

	M.Sc. (Thesis Research)	B.Sc. (Technical Report Writing)
As Supervisor:	2	12
Co-supervisor	2	

Computer Skills:

1. Technical Software GIS package): UNIRAS/Unimap, ArcView 3.2, ArcGIS 8.1, MrSID, Fugawai, Sufer
2. Geostatistical Software: Geo-EAS 3.1
3. Graphics Software: SigmaPlot 8.2
4. Word processing: MS Word, Word Perfect, Power Point
5. Spreadsheets: MS Excel, Quattro Pro
6. Statistical Package: Minitab, SAS 8.2
7. HTML Web Page Development

Awards:

- [Post-Doc Fellowship, Japan Society for Promotion of Science \(JSPS\)](#)
- [Post-Doc Fellowship, University of Florida, USA](#)
- [Central Overseas Training Scholarship for Ph.D., Govt. of Pakistan](#)
- First Class Education Career and Throughout Scholarship Holder

Membership of Academic Societies:

- [American Society of Agricultural and Biological Engineers \(ASABE\)](#)
- [Pakistan Engineering Council \(PEC\)](#)
- [Florida Society of Horticultural Sciences \(FSHS\)](#)
- [Institute of Engineers Pakistan \(IEP\)](#)
- [Newcastle University, UK Alumni Association](#)
- Pakistan Society of Agricultural Engineers (PSAE)

Countries Visited:

England, Germany, France, Netherlands, Australia, Canada, Belgium, Saudi Arabia, Dubai, USA, Taiwan, Japan