

INFORMAZIONI PERSONALI

Abid Ali



Sesso maschile | Data di nascita 8 Dic 1988 | Cittadinanza PAKISTAN

OCCUPAZIONE DESIDERATA

Precision Agriculture/Remote Sensing

ESPERIENZA PROFESSIONALE

Mag 2020 - Nov 2020

Post-graduate research activity

Creating management zones using crop yields, soil, remote and meteorological data.

Università di Bologna - Facoltà di Agraria - BOLOGNA (BO) ITALIA

Attività o settore R&D e brevetti , agricoltura, foreste, caccia, pesca

Mar 2018 - Giu 2018

PhD Visiting Scholar

I acquired the knowledge on how to access the field scale variability and site specific management zones, I am confident on work with big data set by using GIS software, cluster analysis, technical skill on how to delineate the management zones using spatiotemporal variability or cluster analysis of variables data set, expertise on production technology of grain crops, confident to work on ECA directed to soil sampling or grid soil sampling technique, Landsat remote data, precision agriculture.

Soil Salinity Lab USDA Riverside - RIVERSIDE STATI UNITI D'AMERICA

Attività o settore R&D e brevetti , agricoltura, foreste, caccia, pesca

Feb 2013 - Gen 2014

Researcher

During work period in NARC Islamabad, I involved in all field operations from land preparation to crop harvesting, layout of experiment, data collection of required parameters from Wheat, Maize, Sorghum and Millet crops, statistical analysis and final report writing. Moreover, worked out on supplemental irrigation on various wheat genotype, foliar application of potassium on maize crop, worked on the funded project namely hybrid seed production technology.

Wheat Programme, NARC Islamabad, Pakistan - ISLAMABAD PAKISTAN

Attività o settore R&D e brevetti , agricoltura, foreste, caccia, pesca

Mag 2011 - Lug 2011

Internee

Effect of Supplemental Irrigation on Wheat Crop

National Agriculture Research Center, Islamabad, Pakistan , Shak Shehzad Roas - ISLAMABAD

PAKISTAN

Attività o settore R&D e brevetti , agricoltura, foreste, caccia, pesca

ISTRUZIONE E FORMAZIONE

2016 - 2020

SCIENZE E TECNOLOGIE AGRARIE, AMBIENTALI E ALIMENTARI

Livello QEQ 8

Alma Mater Studiorum - Università di Bologna

Dottorato di ricerca

Principali tematiche/competenza professionali possedute:

-Retrieving of satellite remote data and image processing, etc

-Handling of big georeferenced dataset

-Delineation of management zones by integrating the multi-year crop yields, soil, weather and remotely sensed data

-Geostatistical analysis

- Fuzzy c-means clustering technique

-ECA directed to soil sampling technique (ESAP software)

-Production technology of field crops

-Yield prediction models

-GPS

-Spatio-temporal variability of crop yields and soil data

2013 - 2014	AGRONOMY PMAS ARID AGRICULTURE UNIVERSITY RAWALPINDI, PAKISTAN - FACULTY OF CROP AND FOOD SCIENCES Titolo equiparabile al secondo livello - Master	Livello QEQ 7
2007 - 2011	B. Sc. Hons. Agriculture in Agronomy PMAS-Arid Agriculture University Rawalpindi - Faculty of Crop and Food Sciences Titolo equiparabile al primo livello - Degree/Bachelor	Livello QEQ 6

COMPETENZE PERSONALI

Lingua madre Urdu

Lingue straniere

	COMPRESIONE				PARLATO				SCRITTO	
	Ascolto		Lettura		Interazione orale		Produzione orale		C1	Avanzato
Inglese	C1	Avanzato	C1	Avanzato	C1	Avanzato	C1	Avanzato	C1	Avanzato
Italiano	A1	Base	A1	Base	B1	Autonomo	B1	Autonomo	A2	Base

Livelli: A1/2 Livello base - B1/2 Livello intermedio - C1/2 Livello avanzato
Quadro comune europeo di riferimento per le lingue

Competenze comunicative

Competencies
- Results Focusing
- Teamwork Spirit
- Inter and Intra-personal Communication Skills
- Building Effective Relationships with other Companies, Research Bodies
- Knowledge Sharing and Continuous Improvement

Competenze organizzative e gestionali

Excellent skills on report writing, review paper, research papers, fluent in English and Urdu speaking within Inter and Intra-personal communications.
Ability to work Independently
Conducting meetings, etc.

Competenze professionali

To build and explore Agricultural Career with an ambition to face challenging and result oriented tasks and utilize my skills effectively in a quality organization. Attentive to detail with the ability to work quickly and accurately in field and laboratory experiment, identifying and resolving any problems that may arise to enable the achievement of deadlines and objectives.

Competenze digitali

AUTOVALUTAZIONE				
ELABORAZIONE DELLE INFORMAZIONI	COMUNICAZIONE	CREAZIONE DI CONTENUTI	SICUREZZA	RISOLUZIONE DEI PROBLEMI
Utente autonomo	Utente autonomo	Utente autonomo	Utente autonomo	Utente autonomo

Competenze digitali - Scheda per l'autovalutazione

Computer Course Certificate: 20/07/2012

Competenze informatiche di base:

OFFICE AUTOMATION

Elaborazione testi: (Altamente specializzato) | **Microsoft Word | Fogli elettronici:** (Altamente specializzato) | **Suite da ufficio:** (Altamente specializzato) | **Web Browser:** (Altamente specializzato)

GESTIONE DATI

Sistemi di gestione di database (DBMS): (Avanzato)

GRAFICA E MULTIMEDIA

(Intermedio)

Altre competenze

Hobby: Gardening
Sport: Football, Cricket and Basket ball
Voluntary in scientific conference attending, seminars, training bodies, etc.

PUBBLICAZIONI

- Recensione "Heat stress in cultivated plants: nature, impact, mechanisms, and mitigation strategies-A review" ; Hassan et al. ; Plant Biosystems ; Taylor and Francis Online (2020)
www.tandfonline.com/doi/abs/10.1080/11263504.2020.1727987
- Articolo su rivista "Assessing Multiple Years' Spatial Variability of Crop Yields Using Satellite Vegetation Indices" ; Ali, A., Martelli, R., Lupia, F., & Barbanti, ; Remote sensing MDPI Journal ; Mr. Hobart Mu (2019)
www.mdpi.com/search?q=&authors=abid+ali&journal=remotesensing&article_...
"Composted Sugarcane By-product Press Mud Cake Supports Wheat Growth and Improves Soil Properties" ; Muhammad Umer Chattha et al. ; International Journal of Plant Production (2019)
link.springer.com/article/10.1007/s42106-019-00051-x
- Recensione "Nickel toxicity in plants: reasons, toxic effects, tolerance mechanisms, and remediation possibilities-a review" ; Muhammad Umair Hassan et al. ; Environmental Science and Pollution Research (2019)
link.springer.com/article/10.1007/s11356-019-04892-x
- Articolo su rivista "Evaluation of dominant allelopathic weed through examining the allelopathic effects of four weeds on germination....." ; Mustafa, G., Ali, A*, Ali, S., Barbanti, L., & Ahmad, M ; Pakistan Journal of Botany ; Pakistan Botanical Society (2019)
www.researchgate.net/profile/Abid_Ali7/publication/327614964_Evaluatio...
"Foliar application of glycinebetaine (GB) alleviates the cadmium (Cd) toxicity in spinach through reducing Cd uptake...." ; Muhammad Aamer et al. ; Applied Ecology and Environmental Research (2018)
scholar.google.com/scholar?hl=it&as_sdt=0%2C5&q=Foliar+application+of+...
"Foliar applied potassium and zinc enhances growth and yield performance of maize under rainfed conditions" ; Muhammad Abbas Anees et al. ; INTERNATIONAL JOURNAL OF AGRICULTURE & BIOLOGY ; FS publishers (2016)
www.researchgate.net/profile/Usman_Shakoor/publication/305714908_Folia...
"To evaluate the better response of foliar spray over soil application of potassium on maize yield under rainfed....." ; Abid Ali et al. ; Turkish Journal of Agricultural and Natural Sciences ; TTDS (2015)
dergipark.org.tr/en/download/issue-file/3010
"Foliar spray surpasses soil application of potassium for maize production under rainfed conditions" ; Abid Ali et al. ; Turkish Journal of Field Crops (2015)
10.17557/tjfc.68054
"Socioeconomic determinants of rural household food expenditures in Rawalpindi" ; Hafiz Saqib Habib et al. ; Pakistan Journal of Agricultural Research (2015)
s3.amazonaws.com/academia.edu.documents/58110648/PJAR_march_2016.pdf?r...

ALLEGATI

- Reviewed couple of research articles for MDPI journal (Remote Sensing, Land and ISPRS International Journal of Geo-Information), IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, Archives of Agronomy and Soil science, Journal of the Science of Food and Agriculture
- Published more than 10 research articles in ISI and Scopus journals as 1st author and co-author.
- English proficiency letter awarded by Faculty of Crop and Food Sciences, PMAS-AAUR, Rawalpindi, Pakistan

07-01-2022