


Faculty Member's Profile

	Dr. Mashooque Ali Talpur	
	Associate Professor	
	PhD. (Irrigation Theory and Equipments) Nanjing Agricultural University, P.R. China, 2013	
	Department of Irrigation and Drainage, Faculty of Agricultural Engineering.	
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	Resume	https://fae.sau.edu.pk/id/profiles/ma-talpur-cv.pdf
	HEC Approved Supervisor	Yes

Description:

An enthusiastic and focused university teacher and researcher, who is committed to safeguarding and promoting education and well-being of students at all times.

Research Profile

Research Interests:

- Water Resources Management
- Climate Change Management
- Evaluation of Irrigation Operation
- Crop, Water and Soil Relationship

Research Publications

1	M. U. Mirjat, M. A. Talpur , M. A. Mangrio, A. A. Tagar, S. A. Junejo and I. A. Shaikh; Water delivery performance of secondary canals in terms of equity and reliability in Sindh Pakistan. Sindh Univ. Res. Jour. (Sci. Ser.) Vol.49 (3), 2017.
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2	M. U. Mirjat, M. A. Talpur , M. A. Mangrio, and A. A. Tagar; Water delivery performance of secondary canals in terms of adequacy and water use efficiency in sindh Pakistan. Pak. J. Agri., Agril. Engg., Vet. Sci., 2017, 33 (1): 2017
3	H. R. Mangio, M. S. Mirjat, I. Rajpar, M. A Talpur , S. A. Junejo, D. M. Cuong; Effect of Reed Grasses Treated Grey Water and Normal Water on Growth and Yield of Maize Crop. Sindh Univ. Res. Jour. (Sci. Ser.) Vol.49(2) 2017
4	M. A. Talpur ; J. Changying; S. A. Junejo; N. Leghari, M. Ran, M. A. Mangrio and A. R. Shah, Assessment of water requirements of rice crop: An innovative approach; Sindh Univ. Res. Jour. (Sci. Ser.) Vol.49 (1) 2017
5	M. A. Talpur ; S. A. Junejo; M. A. Mangrio; M. Ran and A. R. Shah; Calibration of Different Watercourses Outlets at Rahuki Distributary. Pak. J. Agri., Agril. Engg., Vet. Sci., 2016, 32 (2) 2016
6	H. R. Mangio, M. S. Mirjat, M. A. Talpur , I. Rajpar and A. Sarki; Effect of Reedbed System on Grey Water Treatment. Pak. J. Agri., Agril. Engg., Vet. Sci., 2016, 32 (2) 2016
7	A. R. Shah; M.S Mirjat; A.Q Mughal; I. Rajpar and M. Talpur ; Growth, Yield and Root Development of Maize as Influenced by Tillage and Tractor Traffic. Pak. J. Agri., Agril. Engg., Vet. Sci., 2016, 32 (1) 2016
8	Ali Raza Shah, Mashooque Talpur , Mahmood Laghari, Ali Mujtaba Shah, Ahmed Memon, Shakeel Ahmed Soomro and Majeeduddin Solangi; Fuel consumption and operational cost of various tillage implements. Sci.Int.(Lahore), 28(3), 2016
9	Mashooque Ali Talpur , Ji Changying, Shafique Ahmed Junejo, Ma Ran, Asadullah Sarki, Ali Raza Shah and Mahmood Laghari; Effect of weather on rice crop cultivation: A case study of jiangpu farm, nanjing-china. Sci.Int.(Lahore), 28(2), 2016
10	S. K Tareen, M. A Talpur , M. A Mangrio, I. A Nizamani, V. Suthar, M. A Issani, and M. Solangi; Performance Evaluation of Some Lined Watercourses Off-Taking From Mubarak Wah in District Tando Mohammad Khan, Pakistan. Sci. Int. (Lahore), 28(3), 2016
11	Majeeduddin Solangi, Abdul Malik Solangi , Rajesh Kumar Soothar, Munir Ahmed Mangrio, Mashooque Ali Talpur and Allah Wadayo Gandahi; Plant nutrient content of okra as affected by different levels of soil applied nutrients; Sci. int. (lahore), 27(5), 2015
12	S. A. Junejo, Qi You Zhou, M. A. Talpur , Lu Debao and S. A. Shaikh; Imaging of contaminant plumes using ERT in Qinhuai River water and its bed caused by urban effluents at Nanjing, China. Environmental Earth Sciences DOI 10.1007/s12665-015-4728-5; 2015
13	Soothar, R. K., A. S Chandio, M. S. Mirjat, M. A. Mangrio, M. U. Mirjat and M. A. Talpur ;

	Comparison of bubbler and basin irrigation methods in a Bivarietal Mangifera Indica orchard in Pakistan. Sci. Intl (Lahore), 27 (2) 2015
14	Munir Ahmed Mangrio, Riaz Ali Buriro, Irfan Ahmed Shaikh, Naimatullah Leghari, Mushtaque Ahmed Issani, M. A. Talpur and Rajesh Kumar Soothar; Evaluation of Recharge Behavior Through Different Water Balance Approaches in Canal Command. Sci. Int. (Lahore) 27 (1), 2015
15	Munir Ahmed Mangrio, Muhammad Saffar Mirjat, Naimatullah Leghari, Riaz Ali Buriro, M. A. Talpur , Irfan Ahmed Shaikh and Muhammad Uris Mirjat; Evaluating Farmers Perceptions and Technical Approach Regarding Ground Water Extraction in Lower Sindh. Sci. Int. (Lahore) 27 (1), 2015
16	S. A. Junejo, Qi You Zhou, M. A. Talpur , Wang Dongqing, Yang Jian-long; Quantification of electrical resistance to estimate NaCl behavior in a column under controlled conditions. Geo Chemistry International, Moscow Russia. 52(9), 2014
17	S. A. Junejo, Qi You Zhou, M. A. Talpur , S. A. Shaikh, Yang Jian-long; Application of ERT For 2-D Imaging of Water and Underlying Bed at Laboratory . Sindh Univ. Res. Jour. (Sci. Ser.) Vol.45 (4) 2013
18	M. A. Talpur , Ji Changying ¹ , S. A. Junejo and A. A. Tagar; Impact of Rice Crop on Soil Quality and Fertility. Bulgarian Journal of Agricultural Science (BJAS); 2013
19	Mashooque Ali , Ji Changying, Shafique Ahmed Junejo, Ahmed Ali Tagar and B.K Ram; Effect of different water depths on growth and yield of rice crop. African Journal of Agricultural Research (AJAR); 2013
20	Ma Ran, Zhu Sihong, Yi Lidaer, Shi Junlong, M. A. Talpur , Development of single outstretch pole magneto- rheological damper on Tractor front suspension. Transactions of the Chinese Society of Agricultural Engineering; 2012
21	F. A. Chandio, Ji Changying, A. A. Tagar, I. A. Mari, M. A. Talpur and A. G. Soomro; Assessment of soil fertility at different working depths of moldboard plow under silty loam soil. Journal of Stored Products and Postharvest Research, 2013
22	Mashooque Ali , Ji Changying, Farman Ali Chandio, Shafique Ahmed Junejo; Impact of different irrigation applications on rice crop in paddy field. African Journal of Agricultural Research (AJAR), Accepted 2012
23	M. A. Talpur , Ji Changying, S. A. Junejo, T. Guangzhao, A. A. Tagar and F. A. Chandio; A review on the enhancement of rice production in paddy field with minimum input of water. African Journal of Agricultural Research (AJAR); 2011
24	Mashooque Ali , Ji Changying, Farman Ali Chandio, Shafique Ahmed Junejo and Irshad Ali

	Mari; Examination into oven methods of moisture content measurement of ungrounded and grounded (long and short) rice for storage. Journal of Stored Products and Postharvest Research; 2011
25	Ujjan G.M, Talpur M. A and Lashari B; Operation and Maintenance Cost of Drainage System: The Case Study of Bareji Distributary, Sindh, Pakistan. Published in the proceeding of the National Seminar on Drainage in Pakistan MUET Jamshoro; 2000
26	Lashari B, Talpur M , and Parthapar S.A; Operation Performance and use of SIC model at Bareji Distributary, Mirpurkhas, Sindh, Pakistan. Proceeding of the 2nd Regional Conference on Environment-Water at Lausanne, Switzerland, 1999

Teaching Profile

Courses

- Soil Mechanics
- Fluid Mechanics
- Lab and Field Techniques in Soil and Water
- Flood Estimation and Control

Students Projects:

- Project 1, Undergraduate
- Project 2, Masters Project
- Project 3, PhD Project

Additional Tasks:

- Chairman Department of Irrigation and Drainage, Sindh Agriculture University, Tandojam
- Head Invigilator, Faculty of Agricultural Engineering, SAU, Tandojam
- Member of Seminar Evaluation Committee, Faculty of Agricultural Engineering, SAU Tandojam
- Member of Departmental Board of Studies
- Member of Faculty Board of Studies