

Theme 6-5: Environmental Hydraulics and Hydrology - 2020

Title	Authors	Scopus Source title	Volume	Issue	Pages	Source type	Publication type	Open Access
Evaluation of microplastics in beach sediments along the coast of Dubai, UAE	Aslam, H. Ali, T. Mortula, M.M. Attaelmanan, A.G.	Marine Pollution Bulletin	150	-	-	Journal	Article	
Land use/land cover changes impact on groundwater level and quality in the northern part of the United Arab Emirates	Elmahdy, S. Mohamed, M. Ali, T.	Remote Sensing	12	11	-	Journal	Article	Gold Green
Flash flood susceptibility modeling and magnitude index using machine learning and geohydrological models: A modified hybrid approach	Elmahdy, S. Ali, T. Mohamed, M.	Remote Sensing	12	17	-	Journal	Article	Gold
Spatiotemporal Mapping and Monitoring of Mangrove Forests Changes From 1990 to 2019 in the Northern Emirates, UAE Using Random Forest, Kernel Logistic Regression and Naive Bayes Tree Models	Elmahdy, S.I. Ali, T.A. Mohamed, M.M. Howari, F.M. Abouleish, M. Simonet, D.	Frontiers in Environmental Science	8	-	-	Journal	Article	Gold
Performance analysis of multi-GNSS static and RTK techniques in estimating height differences	Elaksher, A. Ali, T. Kamtchang, F. Wegmann, C. Guerrero, A.	International Journal of Digital Earth	13	5	586-601	Journal	Article	
Rainfall trends and intensity-frequency-duration relationships in Sharjah City, UAE	Yilmaz, A.G. Shanableh, A. Merabtene, T. Atabay, S. Kayemah, N.	International Journal of Hydrology Science and Technology	10	5	487-503	Journal	Article	
Optimized maintenance model for wastewater treatment plants	Amou Assar, K. H.	Canadian Journal of Civil Engineering	47	8	929-938	Journal	Article	
Towards monitoring of nutrient pollution in coastal lake using remote sensing and regression analysis	Mortula, M. Ali, T. Bachir, A. Elaksher, A. Abouleish, M.	Water (Switzerland)	12	7	-	Journal	Article	Gold Green
Backwater Calculation Due to Arc Bridges with Skewed Crossing	Assar, K.H.A. Atabay, S. Yilmaz, A.G.	2020 International Conference on Decision Aid Sciences and Application, DASA 2020	-	-	954-958	Conference Proceeding	Conference Paper	
Climate change effects on drought in Sharjah, UAE	Yilmaz, A.G. Najah, A. Hussein, A. Khamis, A. Kayemah, N. Atabay, S.	International Journal of Environmental Science and Development	11	3	116-122	Journal	Article	Gold
Delineating planner surfaces from correlation-based DEMs	Ahmed, E. Tarig, A. James, B.	Earth Science Informatics	13	3	835-846	Journal	Article	