



Report of GOAL 6: Clean Water and Sanitation



Balochistan University of Information Technology, Engineering and Management Sciences has given a new vision and a distinct meaning to education and Research. Its guidelines for academic achievements are consistent with renowned institutions of the world. At BUITEMS, we are a community of professionals committed to preparing the leaders of tomorrow.

The foundations of Balochistan University of Information Technology, Engineering & Management Sciences are laid on the sound principles of excellence in academic standards, equity, equality, sincerity of purpose, and the vision for the future. BUITEMS has been declared as the Global Hub for Sustainable Development Goal 8 i.e., for Decent Work and Economic Growth by the United Nations Academic Impact.

At BUITEMS, we included this SDG in our curriculum with the focus of meaningful contribution to United Nations as a responsible Academic Institution of Pakistan.

Moreover, the research contribution of this specific SDG is as follows:

S. No.	Name	Department	Faculty	Title	Online Link
1.	Dr. Shakeela Daud	Bitechnology	FLS&I	Microbial pollution in inland recreational freshwaters of Quetta, Pakistan: an initial report. Journal of Water and Health. 20: 575-588.	https://iwaponline.com/jwh/article/20/3/575/87287/Microbial-pollution-in-inland-recreational
2.	Dr. Malik Muhammad Akhtar	Environmental Science	FLS&I	Evaluating urbanization impact on stressed aquifer of Quetta Valley, Pakistan. Esalination And Water Treatment. 222:103-113	https://www.researchgate.net/profile/Malik-Muhammad-Akhtar-2/publication/351883778_Evaluating_urbanization_impact_on_stressed_aquifer_of_Quetta_Valley_Pakistan/links/60ae81a192851c168e439107/Evaluating-urbanization-impact-on-stressed-aquifer-of-Quetta-Valley-Pakistan.pdf

3.	Faheem Nawaz	Environmental Science	FLS&I	Efficient hydroxyl radical production with Sodium salts of surfactants ozonation for treatment of organic acid pollutants in wastewater. Environmental Technology & Innovation. 22:101451	https://www.sciencedirect.com/science/article/abs/pii/S2352186421000997
4.	Ms. Rabia Akhtar		FSS&H	Water resources of Balochistan, Pakistan-a review. Arabian Journal of Geosciences. 14(4):1-6	https://link.springer.com/article/10.1007/s12517-021-06502-y
5.	Mohammad Siddique	Chemical Engineering	FOE&A	Plant and Non-plant based Polymeric Coagulants for Wastewater Treatment: A Review. Jurnal Kejuruteraan. 33: 175-181.	http://journalarticle.ukm.my/17799/1/02.pdf
6.	Mohammad Siddique	Chemical Engineering	FOE&A	Pollutant Removal efficiency of electrocoagulation method from industrial wastewater: Comparison with other treatment methods and key operational parameters—a comparative study review." Water, Air, & Soil Pollution 232(3): 1-13	https://link.springer.com/article/10.1007/s11270-021-05022-5
7.	Kaleemullah Shaikh	Mechanical Engineering	FOE&A	Risk associated with spatio-temporal variations in trace metals and a metalloid in a major freshwater reservoir of Pakistan. Human and Ecological Risk Assessment: An International Journal. 27(2):431-50	https://www.tandfonline.com/doi/full/10.1080/10807039.2020.1729090
8.	Shah Nawaz Khan			Environmental and economic performance of a water distribution system through a lens of life cycle thinking: A case study of the City of Kelowna.	https://www.tandfonline.com/doi/abs/10.1080/23789689.2021.1888396

				Sustainable and Resilient Infrastructure. 1888396	
9.	Kaleemullah Shaikh	Mechanical Engineering	FOE&A	Seasonal Variability of Heavy Metals in Manchar Lake of Arid Southern Pakistan and Its Consequential Human Health Risk. Polish Journal of Environmental Studies	http://www.pjoes.com/Seasonal-Variability-of-Heavy-Metals-in-Manchar-Lake-of-Arid-Southern-Pakistan-and-Its-Consequential-Human-Health-Risk-Polish-Journal-of-Environmental-Studies