

Nida Maqbool

Assistant Professor

Institute of Geographical Information Systems

Email: nidamaqbool@iese.nust.edu.pk

Contact:

LinkedIn: <https://www.linkedin.com/in/nida-maqbool-0b5692a3/>



About

Dr. Nida Maqbool is working as Assistant Professor in the Institute of Geographical Information Systems. Dr. Nida Maqbool has a PhD in Environmental Engineering. Dr. Nida Maqbool has published 17 research articles & conference papers having a citation count of 71, carried out 2 projects and filed 0 intellectual property.

Qualifications

PhD in Environmental Engineering NUST, Islamabad , Pakistan	2017 - 2024
MS in Wastewater Treatment NUST, Islamabad , Pakistan	2010 - 2012
BE in Agricultural Engineering University of Agriculture Faisalabad , Pakistan	2006 - 2010

Experience

Assistant Professor Institute of Geographical Information Systems	2025- Present
Assistant Professor Institute of Environmental Sciences & Engineering	2024 - 2025
Assistant Professor Institute of Environmental Sciences & Engineering	2024 - 2024
Assistant Professor Institute of Environmental Sciences & Engineering	2022 - 2024
Assistant Professor Institute of Environmental Sciences & Engineering	2022 - 2022
Assistant Professor Institute of Environmental Sciences & Engineering	2015 - 2022
Lecturer Institute of Environmental Sciences & Engineering	2013 - 2015
Research Associate COMSATS , COMSATS Vehari	2013 - 2013
Lecturer Punjab Group of Colleges , Punjab College, Luddan Road, Vehari	2013 - 2013

Awards

President's Gold Medal	2014
Gold Medal	2013
S.M. Elahi Gold Medal	2013

Professional Memberships

PEC	Since 2011
------------	------------

Research Projects

National Projects

Assessing the Removal Efficiency of Microplastics from Drinking Water Using Electrocoagulation2024

Funding Agency: Pakistan Engineering Council

Amount: PKR 100,000.00

Status: Approved_inprocess

Monitoring of Groundwater Pollution Status in On-Site Sanitation (OSS) Facilities Served Areas of Islamabad2021

Funding Agency: National Cleaner Production Centre (NCPC)

Amount: PKR 149,500.00

Status: Completed

International Projects

- An integrated assessment of fecal sludge management (FSM) in Islamabad, Pakistan: challenges and treatment solutions** 2024
Nida Maqbool Sher Jamal Khan Imran Hashmi
International Journal of Environmental Science and Technology, Pages 1-14
Impact Factor: 3.000 | **Quartile:** 2
DOI: <https://doi.org/10.1007/s13762-024-05752-z>
- Relation of organic fractions in fresh and stored fecal sludge and foodwaste to biogas production** 2024
Nida Maqbool Stanley Bortse Sam Sher Jamal Khan Linda Strande
Journal of Water Sanitation and Hygiene for Development, Volume 14, Issue 3
Impact Factor: 1.7 | **Quartile:** 4 | **Citations:** 2
DOI: 10.2166/washdev.2024.319
- Situational assessment for fecal sludge management in major cities of Pakistan** 2022
Nida Maqbool Muhammad Arslan Shahid Sher Jamal Khan
Environmental Science and Pollution Research, Pages 1-12
Impact Factor: 5.8 | **Quartile:** 1 | **Citations:** 10
DOI: <https://doi.org/10.1007/s11356-022-22331-2>
- Production of biodiesel and water conservation through conversion of free fatty acids from a domestic wastewater drain** 2022
Ehsan Mustafa Hashmi Yousuf Jamal Nida Maqbool Hafiz Muhammad Aamir Shahzad Beenish Imtiaz Sher Jamal Khan
Energy Sources, Part A: Recovery, Utilization and Environmental Effects, Volume 44, Issue 3, Pages 7031-7045
Impact Factor: 2.902 | **Quartile:** 3 | **Citations:** 1
DOI: <https://doi.org/10.1080/15567036.2022.2105452>
- An integrated investigation on anaerobic membrane-based thickening of fecal sludge and the role of extracellular polymeric substances (EPS) in solid-liquid separation** 2022
Muhammad Arslan Shahid Nida Maqbool Sher Jamal Khan
Journal of Environmental Management, Volume 305, Article Number 114350
Impact Factor: 6.789 | **Quartile:** 1 | **Citations:** 8
DOI: 10.1016/j.jenvman.2021.114350
- A Short Review on Reverse Osmosis Membranes: Fouling and Control** 2019
Yousuf Jamal Nida Maqbool Zubia Saleem
Open Access Journal of Waste Management & Xenobiotics, Volume 2, Issue 2, Pages 1-10
Impact Factor: 0
DOI: 10.23880/oajwx-16000122
- Reuse of alum sludge for phosphorus removal from municipal wastewater** 2016
Nida Maqbool Zahiruddin Khan Aisha Asghar
Desalination and Water Treatment, Volume: 57 Issue: 28 Pages: 13246-13254
Impact Factor: 1.631 | **Quartile:** 2 | **Citations:** 36
DOI: 10.1080/19443994.2015.1055806
- Comparison of Adsorption Capability of Activated Carbon and Metal Doped TiO₂ for Geosmin and 2-MIB Removal from Water** 2015
Nida Maqbool Aisha Asghar Zahiruddin Khan Ishtiaq Ahmed Qazi Muhammad Ali Awan Aisha Asghar Zahiruddin Khan Ishtiaq Ahmed Qazi Muhammad Ali Awan
Journal of Nanomaterials, Volume 2015, Article Number 479103
Impact Factor: 1.758 | **Quartile:** 2 | **Citations:** 14
DOI: 10.1155/2015/479103
- Phosphorous Removal : A Comparative Study of Biological v/s Physico Chemical Processes** 2011
Nida Maqbool
Engineering News, Volume 44, Issue 2, Pages 43-59
Impact Factor: 0
DOI: <https://pecongress.org.pk/images/upload/books/43-59%20Phosphorous%20Removal%20Nida%20Maqbool%20finals.pdf>

Enhancing Fecal Sludge Biodegradation through Anaerobic Co-Digestion: Investigating the Impact of Co-Substrate <i>Nida Maqbool Sher Jamal Khan Kamran Manzoor Rabia Liaquat Zeshan</i> <i>16th International Conference on Sustainable Energy & Environmental Protection SEEP 2024</i> , res.country(12,) Citations: N/A DOI: Accepted	2024
Biomethane potential of fresh and stored fecal sludge, food waste and relation of organics to biogas production <i>Nida Maqbool Stanley Bortse Sam Sher Jamal Khan Linda Strande Nabin Bogati</i> <i>1st IWA NSS Conference</i> , res.country(247,) Citations: N/A DOI: Nil	2023
Exploring the Resource Recovery Potential of Fecal sludge using Anaerobic Co-Digestion <i>Nida Maqbool Aiman Gul Zukhruf Khalid Abdul Wahab Akram Asfand Yar Dr. Sher Jamal Khan</i> <i>1st International Conference on Women Development in Engineering Science & Technology</i> , res.country(177,) Citations: N/A DOI: Nil	2023
Situational Assessment for Fecal Sludge Management (FSM) in Pakistan <i>Nida Maqbool Ayesha Shafiq Aiza Saqib Muhammad Azaan Irshad Sher Jamal Khan</i> <i>Challenges in Environmental Science and Engineering (CESE-2021)</i> , res.country(13,) Citations: N/A DOI:	2021
Review on Aerobic Wastewater Treatment and Role of Biotechnology <i>Nida Maqbool Sher Jamal Khan</i> <i>75th annual Conference Pakistan Engineering Congress</i> , res.country(177,) Citations: N/A DOI: 978-969-603-043-0	2019
Magnetic Nanoparticles (MNPs) for chromium removal from Industrial Wastewater <i>Nida Maqbool Asad Ejaz Khan Aakasha Malik Kinza Rasool</i> <i>2nd International Conference on Sustainable Development in Civil Engineering</i> , res.country(177,) Citations: N/A DOI: 978-969-7710-03-4	2019

Editorial Activities

Journal of Water, Sanitation and Hygiene for Development Reviewed Papers for Journals Impact Factor: 1.7	2024
 Reviewed Papers for Journals Impact Factor: 6.1	2024
 Reviewed Papers for Journals Impact Factor: 1.903	2024
Journal of water, sanitation and hygiene for development Reviewed Papers for Journals Impact Factor: 1.7	2024
 Reviewed Papers for Journals Impact Factor: N/A	2023
International Journal of Environmental Science and Technology Reviewed Papers for Journals Impact Factor: 3.1	2023
Journal of Engineering Research and Reports Reviewed Papers for Journals Impact Factor: N/A	2023
Journal of Global Ecology and Environment Reviewed Papers for Journals Impact Factor: N/A	2022
 Reviewed Papers for Journals Impact Factor: India	2022
Federal Institute for Environmental Science and Technology Reviewed Papers for Journals Impact Factor: 0	2022
Journal of Energy Research and Reviews Reviewed Papers for Journals Impact Factor: NA	2022
 Reviewed Papers for Journals Impact Factor: 2.86	2021