

# Nida Maqbool

Assistant Professor

Institute of Geographical Information Systems

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## 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

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

## Experience

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

## Awards

<b>President's Gold Medal</b>	2014
<b>Gold Medal</b>	2013
<b>S.M. Elahi Gold Medal</b>	2013

## Professional Memberships

<b>PEC</b>	Since 2011
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Research Projects

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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 TiO<sub>2</sub> 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>

<b>Enhancing Fecal Sludge Biodegradation through Anaerobic Co-Digestion: Investigating the Impact of Co-Substrate</b> <i>Nida Maqbool Sher Jamal Khan Kamran Manzoor Rabia Liaquat Zeshan</i> <i>16th International Conference on Sustainable Energy &amp; Environmental Protection SEEP 2024</i> , res.country(12,) <b>Citations:</b> N/A <b>DOI:</b> Accepted	2024
<b>Biomethane potential of fresh and stored fecal sludge, food waste and relation of organics to biogas production</b> <i>Nida Maqbool Stanley Bortse Sam Sher Jamal Khan Linda Strande Nabin Bogati</i> <i>1st IWA NSS Conference</i> , res.country(247,) <b>Citations:</b> N/A <b>DOI:</b> Nil	2023
<b>Exploring the Resource Recovery Potential of Fecal sludge using Anaerobic Co-Digestion</b> <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 &amp; Technology</i> , res.country(177,) <b>Citations:</b> N/A <b>DOI:</b> Nil	2023
<b>Situational Assessment for Fecal Sludge Management (FSM) in Pakistan</b> <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,) <b>Citations:</b> N/A <b>DOI:</b>	2021
<b>Review on Aerobic Wastewater Treatment and Role of Biotechnology</b> <i>Nida Maqbool Sher Jamal Khan</i> <i>75th annual Conference Pakistan Engineering Congress</i> , res.country(177,) <b>Citations:</b> N/A <b>DOI:</b> 978-969-603-043-0	2019
<b>Magnetic Nanoparticles (MNPs) for chromium removal from Industrial Wastewater</b> <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,) <b>Citations:</b> N/A <b>DOI:</b> 978-969-7710-03-4	2019

Editorial Activities

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