AZEEM UDDIN SIDDIQUI

Researcher

ℹ 18 September 1987

✉ 113, Kashif Ali Saray, Near City Power House, Unnao, Uttar Pradesh, India, 209801
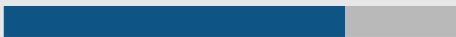
☎ +917355686667, 7503244022

@ azeem1987siddiqui@gmail.com
azeem1987siddiqui@outlook.com

About me ———

Mr. Azeem Siddiqui, submitted Ph.D thesis titled "*A comparative study of sources identification of soil toxic elements in coal mining areas and their impact on human health*" at Indian Institute Of Technology (ISM)-Dhanbad. He is the author of three research papers and three conference papers. He has also attended several training courses and workshops. He has guided a few graduate students in their dissertation work during his Ph.D.

Skills ———

R stats

ENVI

C++

ArcGIS

Erdas

QGIS

lovely⋆4 narcissistic⋆3

(*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

Education

2016-2021	Ph.D. (Environmental Sciecnce and Engineering)	IIT(ISM)-Dhanbad
	A comparative study of sources identification of soil toxic elements in coal mining areas and their impact on human health (Thesis Submitted)	
2012-2014	M.Tech (Environmental science and Engineering) First Division	Indian School Of Mines
2006-2010	B.Tech (Biotechnology) First Division	Integral University- lucknow

Publications

2021 A. Uddin Siddiqui and M. Kumar Jain "Change analysis in land use land cover due to surface mining in Jharia coalfield throughLandsat time series data" Materials Today: Proceedings (2021); *DOI: https://doi.org/10.1016/j.matpr.2021.04.277*

2020 Siddiqui, A U. Jain, M K.and Masto, R E. "Pollution evaluation, spatial distribution, and source apportionment of trace metals around coal mines soil: the case study of eastern India" Environmental Science and Pollution Research (2020):1-13, 2019; *DOI: 10.1007/s11356-019-06915-z.* (I.F - 3.056)

2020 Kaur, L. Rishi, M S. and Siddiqui, A U. ."Deterministic and probabilistic health risk assessment techniques to evaluate non-carcinogenic human health risk (NHHR) due to fluoride and nitrate in groundwater of Panipat, Haryana, India" Environmental Pollution 259 (2020):113711; *DOI:10.1016/j.envpol.2019.113711.*(I.F - 6.792)

Awards

2020 Best oral presentation award NCEEM-2020   Sharda University
National Conference on Environment and Energy Materials (NCEEM).

Fellowships

2011	Graduate Aptitude Test in Engineering- GATE All India Rank - 360	Biotechnology
2016-2018	Indian School Of Mines Fellowship Junior Research Fellow - JRF	ISMF -2016
2018-2021	Indian School Of Mines Fellowship Senior Research Fellow - SRF	ISMF -2018

AZEEM UDDIN SIDDIQUI

Researcher

🛈 18 September 1987

✉ 113, Kashif Ali Saray, Near City Power House, Unnao, Uttar Pradesh, India, 209801
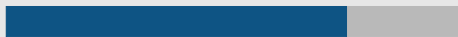
☎ +917355686667, 7503244022

@ azeem1987siddiqui@gmail.com
azeem1987siddiqui@outlook.com

About me

Mr. Azeem Siddiqui, submitted Ph.D thesis titled "*A comparative study of sources identification of soil toxic elements in coal mining areas and their impact on human health*" at Indian Institute Of Technology (ISM)-Dhanbad. He is the author of three research papers and three conference papers. He has also attended several training courses and workshops. He has guided a few graduate students in their dissertation work during his Ph.D.

Skills

R stats

ENVI

C++

ArcGIS

Erdas

QGIS

lovely★4 narcissistic★3

(*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

Training & Courses

2019   MICROWAVE REMOTE SENSING APPLICATIONS.   ISRO(NRSC)-Hyderabad
Two weeks- training course on application of microwave image in different fields of research along with Short hands-on training on SAR image processing.

2018   APPROACHES FOR CONTAMINATED SITE CHARACTERIZATION   IIT- D
This workshop consist of formalization of groundwater contamination problem with the interplay of data requirements, to be obtained from site characterization, and mathematical modelling.

2018   Geoinformatics and Geocomputational Modeling for Water Resources Engineering and Environmental Science.   IIT(ISM)
This cource was to enhance the understanding and capability to GIS enabled modeling aspects in water resources and environmental engineering problems.

2016   Geospatial Technologies and Applications.   ISRO(NRSC)-Hyderabad
The 12-week training course addresses core Remote Sensing, Digital Image Processing and GIS Technologies with its applications in Agriculture, Soils, Forestry, Land use/cover, Geology, Geomorphology, Urban studies, Water resources, Watershed & Rural Development, Ocean, Atmospheric sciences and Disaster Management.

Conference Publications

2020   Siddiqui, A U and Jain, M K."Accuracy assessment of support vector machine, random forest, and decision trees algorithms in Land Use Land Cover mapping: Jharia Coalfield, India." National Conference on Recent Trends in Environmental Pollution and Disaster Risk Reduction (RTEPDRR-2020)

2020   Siddiqui, A U and Jain, M K." Change analysis in land use land cover due to surface mining in Jharia coalfield through Landsat time series data" National Conference on Environment and Energy Materials (NCEEM-2020)

2018   Siddiqui, A U and Jain, M K."Spatial distribution and assessment of heavy metal contamination in the soil around open cast mining in Jharia coalfield"Biogeochemical Cycles and Climate Change (BCCC-2018)

TEACHING EXPERIENCE

Four years of teaching assistantship (TA) during PhD programme. The major responsibility during TA: Remote sensing and GIS lab and Tutorial classes on image processing for under graduate and graduate students.

Services

1. Life time member of Indian society of remote sensing (ISRS).
2. Member of Institution Of Engineers (IEI).

Research Network Links

GoogleScholar:AZEEM UDDIN SIDDIQUI

ResearchGate: Azeem_Siddiqui3

ORCID iD: orcid.org/0000-0002-2750-5127

AZEEM UDDIN SIDDIQUI

Researcher

18 September 1987

113, Kashif Ali Saray, Near City Power House, Unnao, Uttar Pradesh, India, 209801
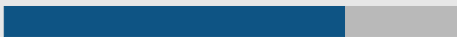
+917355686667, 7503244022

azeem1987siddiqui@gmail.com
azeem1987siddiqui@outlook.com

About me

Mr. Azeem Siddiqui,submitted Ph.D thesis titled "*A comparative study of sources identification of soil toxic elements in coal mining areas and their impact on human health*" at Indian Institute Of Technology (ISM)-Dhanbad. He is the author of three research papers and three conference papers. He has also attended several training courses and workshops. He has guided a few graduate students in their dissertation work during his Ph.D.

Skills

R stats

ENVI

C++

ArcGIS

Erdas

QGIS

lovely⋆4 narcissistic⋆3

(*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

Review

I have known Azeem Uddin Siddiqui since 2012 when he was an M.Tech student and was completing his project under my supervision. Since 2016, I have been guiding him in his PhD. During his Ph.D. period, he has been a regular student and shown the ability to be better. He has proved himself to be a man of strength and can handle any situation normally. His integrity is well with his lab maids in the department. He takes complicated situations with good humor. Based on his general performance over the years and his good ability in study and research, I strongly recommend his candidature for any suitable position in research and academics. I wish him a bright future ahead.

Dr. Manish Kumar Jain.
(Supervisor)
IIT(ISM)-Dhanbad

References

1   Dr. Manish Kumar Jain, Associate Professor, Environmental Science and Engineering, Indian Institute Of Technology(ISM)- Dhanbad-826004,Jharkhand, India.
E-mail: manish@iitism.ac.in

2   Dr. Reginald Ebhin Masto, Principal Scientist/ Associate Professor (Ac-SIR), Head, Industrial Biotechnology & Waste Utilization Section CSIR - Central Institute of Mining and Fuel Research (Digwadih Campus), (Ministry of Science & Technology, Government of India) Dhanbad, India.
E-mail:mastocfri@yahoo.com