

Dr. Neha Mumtaz

Associate Professor, Department of Civil Engineering, Faculty of Engineering,
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<u>Dr. Neha Mumtaz - Google Scholar</u> <u>https://www.scopus.com/authid/detail.uri?authorld=57190794596</u> <u>https://orcid.org/0000-0003-0532-9107</u>

# **PROFILE**

- Dr. Neha Mumtaz is an Associate Professor with expertise in Environmental Engineering. She holds a Ph.D. from Dr. A.P.J. Abdul Kalam Technical University, Lucknow, and an M.Tech. in Environmental Engineering from Gautam Buddh Technical University, achieving academic excellence with top distinctions.
- Dr. Mumtaz actively contributes to academia and institutional development through her leadership in quality assurance, course coordination, environmental consultancy, and cultural activities.

## **RESEARCH INTEREST:**

- Environmental Sustainability
- Environmental Pollution Assessment
- Environmental Remediation

# SUMMARY OF RESEARCH ACCOMPLISHMENT:

Ph. D Thesis	Supervisors	Status
A Study On Integrated Fluorosis Mitigation	Dr. Pawan Kumar Labhasetwar,	Awarded (2020)
Using Electrolytic Defluoridation System	Principal Scientist & Head, Water	
	Technology & Management Division,	
	CSIR- National Environmental	
	Engineering Research Institute NEERI,	
	Nagpur, India	

E-mail:pk_labhasetwar@neeri.res.in
Dr. Govind Pandey,
Professor, Department of Civil
Engineering,
Madan Mohan Malaviya University of
Technology, Gorakhpur – 273 010, U.P.
E-mail: pandey_govind@rediffmail.com

- Best Research Paper Award, Sustainability category at International conference on Advances in Health, Safety, Fire, Environment, Allied Sciences and Sustainability HSFEAS-2023
- Certificate of Merit for The 2021 IAENG International Conference on Scientific Computing, International MultiConference of Engineers and Computer Scientists 2021 Hong Kong, 20-22 October, 2021
- Received Young Scientist Award. In International Conference on Harmony with nature in context of Ecotechnological Intervention and climate change (Harmony- 2013), November 11-13, 2013.

#### **REVIEWER**

- Environmental Science and Pollution Research, Springer, Switzerland
- Research Journal of Environmental Sciences, Academic Journals Inc., USA
- African Journal of Environmental Science and Technology, Academic Journals Inc., USA
- Environmental Research, Elsevier
- Humanities & social sciences communications, Springer Nature

## REPORTS/GENERAL ARTICLES IN NEWSPAPERS

- Rashtriya Sahara, "Fluoride wale pey-jal ko pi kar kayi zilon mein phail rahi h fluorosis bimari", January 17, 2021.
- **Hindustan**, "Gorakhapur ke ek block par mandara raha daant kharaab karne vaali beemaari ka khatara, jaaniye kyon", <a href="http://www.livehindustan.com/uttar-pradesh/gorakhpur/story-danger-of-fluorosis-in-gorakhpur-1157433.html">http://www.livehindustan.com/uttar-pradesh/gorakhpur/story-danger-of-fluorosis-in-gorakhpur-1157433.html</a>, June 26, 2017,
- **Hindustan, "**Ecosystem Ko Khatm Kar Raha Vanya Jeevon Ka Vyaapaar" , Gorakhpur edition, pp 10, June 05, 2016
- Times of India, Missing water bodies", Neha Mumtaz, Gorakhpur Plus Magazine, pp 1, May23, 2015.
- **Hindustan**, "Food Chain Mein Arsenic Badha Rha Cancer Rogi", **Neha Mumtaz**, Gorakhpuredition, pp 1, April 03, 2015.
- Dainik Jagran, "Sunishchhit Ho Shudh Jal Ki Vyavastha", Neha Mumtaz, Gorakhpur edition, November 15, 2014.
- **Hindustan**, "Sabko Mil Kar Nipatna Hoga Smayasya Se", **Neha Mumtaz**, Gorakhpur edition,pp. 6, August 03, 2014.
- Dainik Jagran, "Khatarnaak Fluoride Se Bachaav Ka Hai Upaay", Neha Mumtaz, Gorakhpuredition, May 29, 2014.

- Hindustan, "Samaj- Sarkaar Ko Aagey Aana Hoga Pradushan Mukti Ke Liye, Jal Pradushann Ke Badhte Khatrey Se Purvanchal Ko Bachaiye", Neha Mumtaz, Gorakhpur edition, Itwaari Mudda Column, pp6, November 17, 2013.
- **Hindustan**,,,,Kaun banega aami ka Bhagirath", **Neha Mumtaz**, Gorakhpur edition, pp. 7, December 31, 2012.

#### PROFESSIONAL MEMBERSHIP:

- Member of American Society of Civil Engineers (ASCE), U.S.A. Membership ID number: Aff.M.ASCE-9324249. (June, 2013- till date).
- Member of International Association of Engineers (IAENG), Taiwan. Membershipnumber: 123496. (August, 2012- till date)
- Associate Professional Engineer in Civil Engineering with specialization in Environmental Engineering, Engineering Council of India, Registration No. APE/00037/16. (May, 2016-till date)
- Life Member, the Indian National Trust for Art and Cultural Heritage (INTACH), Membership number: L/18369. August 23, 2017.

## **COURSE TAUGHT:**

- Environmental Engineering- I
- Environmental Engineering- II
- Research Methodology
- Environmental Impact Assessment
- Environmental Microbiology
- Environmental Chemistry
- Unit operations and processes in water and waste water Treatment
- Principles of Environmental Sciences
- Fundamental of Sustainable Development
- Air Pollution Control
- Solid Waste Management

## ADMINISTRATIVE/DEPARTMENTAL RESPONSIBILTY

- Coordinator, Departmental Quality Assurance Cell
- Ph.D. Coordinator
- Assistant Centre Superintendent, End Semester Examination, Integral University, Lucknow.
- Course Coordinator, M.Tech. Environmental Engineering
- Member, Central Green Audit Team, Integral University, Lucknow.
- Head, Departmental Cultural Society
- Head, Departmental Artistic Society
- Head, Departmental Literary Society
- Member Stage Committee, Integral University, Lucknow.
- Departmental In-charge Criteria 7 NAAC
- Class Coordinator, B.Tech Civil Engineering Final Year

- Lab In-charge, Environmental Engineering Lab
- Testing In-charge, STP-ETP Integral University, Campus
- Testing In-charge, Environmental related consultancy
- Member, Class Monitoring Committee, Integral University, Lucknow.
- Coordinator, Deeksharambh- Student Induction Programe, Integral University, Lucknow
- Faculty Coordinator, Enviro Olympiad- National Level Quiz for Environmental Awareness.
- Faculty Coordinator, Andaz-e Awadh- Cultural Program, University Level.

## STUDENTS SUPERVISION

• M. Tech Dissertation

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• Ph.D. Supervision

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S.No.	Enrolment Number	Name	Research Topic	Year of Joining	Status
1	2001067	Samreen Bano	A Study on Supplementary Cementitious Materials for Sustainable Development of Concrete	2020	Awarded 2024
2	2001169	Bilal Siddiqui	Structural Heath Monitoring of Pre- Damaged Structures exposed to Fire Load	2020	Pursuing
3	2100169	Syed Shuja Askari	Study of hybrid photocatalytic sequencing batch reactor for accelerated removal of dissolved organic matter and nitrates from sewage using zinc oxide and grapheme oxide	2021	Pursuing
4	2201117	Syed Mohammad Fauzan Akhtar	Assessing and addressing work-related ergonomic Hazards in the construction industry of India: A multifaceted research approach	2022	Pursuing

# PUBLISHED/GRANT PATENTS

• Al-based security device for schools. Design No. 410993-001, Indian Patent, 19/03/2024

# PUBLISHED/ACCEPTED SCI/SCOPUS RESEARCH PAPERS

• **Neha Mumtaz**, Mohammad Hashim Siddiqui, Tabish Izhar and Syed Aqeel Ahmad, Chromium Remediation from Groundwater and its Bio-Absorption Utilizing Biomass Waste Materials, Indian Journal of Environmental Protection, 44(8), pp. 734–741, August 2024. <a href="https://www.e-pubmediates.com/https://www.e-pu

# ijep.co.in/44-8-734-741/

- Syed Shuja Askari, Balendu Shekher Giri, Farrukh Basheer, Tabish Izhar, Syed Aqeel Ahmad, Neha Mumtaz, Enhancing sequencing batch reactors for efficient wastewater treatment across diverse applications: A comprehensive review, Environmental Research, 260, 119656, 2024. <a href="https://doi.org/10.1016/j.envres.2024.119656">https://doi.org/10.1016/j.envres.2024.119656</a> (IF 7.7)
- Syed Aqeel Ahmad, Tabish Izhar, and Neha Mumtaz, Multiobjective design optimization of reinforced concrete beam coupled with market practice based constructability function using simulated annealing, Asian Journal of Civil Engineering, 25(5), pp. 3901-3914March 2024. (SCOPUS) https://doi.org/10.1007/s42107-024-01019-7
- Syed Aqeel Ahmad, Tabish Izhar, Tasneem Ahmed and Neha Mumtaz, Transformative role of machine learning in design optimization of reinforced concrete frames, International Journal of Advanced Technology and Engineering Exploration, 11(112), pp. 437-458. March 2024. (SCOPUS) http://doi.org/10.19101/IJATEE.2023.10102336.
- Samreen Bano, Neha Mumtaz, Farheen Bano, Vikash Singh & Syed Aqeel Ahmad, Production of structural concrete and the effects of various waste materials on concrete used as partial replacements for cement, Indian Journal of Engineering and Materials Sciences, 31(1), pp. 124-136, January 2024, (SCOPUS) <a href="https://doi.org/10.56042/ijems.v31i1.4246">https://doi.org/10.56042/ijems.v31i1.4246</a>
- Samreen Bano, Neha Mumtaz, Farheen Bano & Syed Aqeel Ahmad, A scientific investigation explores the application of machine learning to assess the compressive strength of red mudbased concrete, enhanced with fly ash, for potential use as a building construction material, Asian Journal of Civil Engineering, 25(2), pp. 1707-1723, February 2024. (SCOPUS) 10.1007/s42107-023-00872-2
- A.K. Mishra, Neha Mumtaz, M.K. Misra, Identification of Candidate mRNA Genes and Their Potential MicroRNA Targets in Lung Cancer Induced by Smoking Tobacco, Frontiers in Bioscience

   Scholar 15(4),13, November 2023. (SCOPUS) 10.31083/j.fbs1504013
- Neha Mumtaz & Tabish Izhar, An Overview of Effect of Fluorosis on Cognitive Health of Children and Its Outcome: an approach towards SDG 3, Indian Journal of Natural Sciences Vol.13, Issue 76, February 2023. 53034-53047 (SCI)
- Neha Mumtaz, Tabish Izhar, and Arshad Abbas, "Validation of Groundwater Quality Index and Proposing a Model Using Fuzzy Logic," Lecture Notes in Engineering and Computer Science: Proceedings of The International MultiConference of Engineers and Computer Scientists 2021, 20-22 October, 2021, Hong Kong, pp234-239. (SCOPUS)
- Neha Mumtaz, Govind Pandey Statistical Optimization for the Elimination Of Fluoride By Electrolytic Defluoridation Method International Journal of Civil Engineering & Technology, Volume 8, Issue 4, April 2017, pp. 07–13, 2017. (SCOPUS)
- Neha Mumtaz, Govind Pandey A Study On Integrated Fluorosis Mitigation Plan For Endemic Fluorosis Region An Indian Perspective International Journal of Civil Engineering & Technology, Volume 8, Issue 4, April 2017, pp. 84–91, 2017 (SCOPUS)
- Neha Mumtaz, Govind Pandey, Pawan Kumar Labhasetwar, "Global Fluoride Occurrence, Available Technologies for Fluoride Removal and Electrolytic Defluoridation: A Review", Critical Reviews in Environmental Science & Technology, 45:21, 2357-2389,. Impact factor 2019 8.302 (IF 12.6)

- Neha Mumtaz, Syed Aqeel Ahmad, Tabish Izhar, M. Jamshaid. "Isotherm profiling, adsorption kinetics, and characterization of biochar in removal of methylene blue dye", "Women in STEM-2023" International Forum, Tashkent, Uzbekistan, 11 February, 2023
- Neha Mumtaz, Tabish Izhar, and Arshad Abbas, "Validation of Groundwater Quality Index and Proposing a Model Using Fuzzy Logic," The International MultiConference of Engineers and Computer Scientists 2021, Hong Kong, 20-22 October, 2021,
- Neha Mumtaz, 'COVID-19 impact on Indian Smart Cities: a step towards Build Back Better' 3<sup>rd</sup> International Conference on Advances in the Field of Health, Safety, Fire, Environment, and Allied Sciences (HSFEA 2020), held at UPES, Dehradun, December 18-19, 2020.
- Arshad Abbas, Neha Mumtaz, Tabish Izhar, 'Common Methods and Challenges for Groundwater Modelling: A Review'. International Conference on 'Sustainable Solutions in Industrial Water and Wastewater Treatment' organized by the Department of Civil Engineering, Aligarh Muslim Muslim University (AMU) in collaboration with the University of Toledo, USA, November 10-11, 2018
- Atiq Abdul Siddiqui, Neha Mumtaz, Tabish Izhar, 'Air quality assessment of various zones of Lucknow City using MATLAB Toolbox: A Review.' International Conference on 'Sustainable Solutions in Industrial Water and Wastewater Treatment' organised by the Department of Civil Engineering, Aligarh Muslim Muslim University (AMU) in collaboration with the University of Toledo, USA, Nov 10-11, 2018
- Neha Mumtaz, Govind Pandey & Pawan Kumar Labhasetwar, 'Health Based Risk Assessment Of Fluoride In Ground Water Of Gorakhpur, Uttar Pradesh, India' presented at International Conference on Innovations in Sustainable Water and Wastewater Treatment Systems (ISWATS) organized by India – European Commission EU Science & Technology Research Collaboration Projects, CSIR-NEERI and International Water Association, Pune, 21-23 April, 2016.
- Neha Mumtaz, Govind Pandey, Pawan Kumar Labhasetwar, 'Fluorosis Mitigation Strategy Using Electrolytic Defluoridation for Gorakhpur District, Uttar Pradesh, India' presented at 'The 2015 University of Oklahoma 4<sup>th</sup> International WaTER Conference' in Norman, Okla., USA. Sept. 21-23, 2015.
- Neha Mumtaz, Govind Pandey, Pawan Kumar Labhasetwar, Presented the Poster titled, 'Critical Assessment of Solar Power Based Electrolytic Defluoridation Plants in India' in Fifth International Conference on Plants and Environmental Pollution (ICPEP-5), International Society of Environmental Botanists, National Botanical Research Institute, CSIR-NBRI, Lucknow, India. Feb.24-27, 2015.
- Presented the Paper titled, 'An Assessment of Electrolytic Defluoridation as a Novel Strategy for Fluoride Removal' at National Conference on Recent Advances in Civil Engineering (RACE-2014), organized by M.M.M. University of Technology, Gorakhpur, Uttar Pradesh, May 21-22, 2014.
- Presented the Paper titled, 'Sustainable Technological Intervention Strategy for Fluoride Removal in Fluorosis Endemic Areas' at International Conference on Environmental Technology and Sustainable Development: Challenges and Remedies, organized by Babasaheb Bhimrao Ambedkar University (Central University), Lucknow, Uttar Pradesh, February 21-23, 2014.
- Presented the Paper entitled, 'Climate Change and Carbon Trading' in U.G.C. Sponsored

- National Conference on, 'Climate Change: Challenges & Option for India', Bapu P.G. College, Pipiganj, Gorakhpur, U.P, December 18-19, 2010.
- Presented the Paper entitled, 'Green Technologies for Sustainable Development' in, 'National Conference on Environment, Technology and Sustainable Development in India', at D.D.U. Gorakhpur University, Uttar Pradesh, November 12-14, 2010.

#### PUBLISHED NON-SCI-SCOPUS BUT PEER REVIEWED RESEARCH PAPERS

- Atiq Abdul Siddiqui, Neha Mumtaz, Tabish Izhar, Assessment of Air Quality Of Lucknow City And Proposing A Model Using MATLAB, Journal of Emerging Technologies and Innovative Research. Volume 6, Issue 4 (ISSN-2349-5162) April 2019 (UGC CARE)
- Arshad Abbas, Neha Mumtaz, Tabish Izhar,, Assessment of Groundwater Quality Index and Proposing A Model Using Fuzzy Logic Of Selected Areas Of Lucknow City, Journal of Emerging Technologies and Innovative Research. Volume 6, Issue 4 (ISSN-2349-5162) April 2019 (UGC CARE)
- Atiq Abdul Siddiqui, Neha Mumtaz, Tabish Izhar, Assessment of Air Quality Of Lucknow City And Proposing A Model Using MATLAB: A Review. Journal of Emerging Technologies and Innovative Research. Volume 6, Issue 2 (ISSN-2349-5162) February 2019 (UGC CARE)
- Arshad Abbas, Neha Mumtaz, Tabish Izhar, Groundwater Quality Modelling and its Status In Lucknow City: A Review. Journal of Emerging Technologies and Innovative Research. Volume 6, Issue 2 (ISSN-2349-5162) February 2019 (UGC CARE)
- Tabish Izhar., Zafar Jawed and Neha Mumtaz, A Review Paper on Incorporation of Reliability Factors in Limit State Design of RCC Structure, International Journal of Recent Scientific Research, 25735-25739, 28th April 2018. (UGC CARE)
- A Review Paper on Optimization of Scissor Hinge Deployable Space Roof Under Self-Weight and Deflection, 25740 – 25747, April 2018, International Journal of Recent Scientific Research. 0976-3031, (UGC CARE)
- Neha Mumtaz, Anshika Yadav, Tabish Izhar, Emission Profile of Heavy Metal Pollutants in Ambient
  Air of Lucknow City (U.P.) International Journal of Engineering and Technology (IJET), DOI:
  10.21817/ijet/2017/v9i3/1709030163, Vol 9 No 3, pp 1958-1965 Jun-Jul 2017
- Tabish Izhar, Juthika Nayak, Neha Mumtaz, Comparative Study between Pre-Engineered RCC Structure and Usual RCC Structure International Journal for Scientific Research & Development, Vol. 5, Issue 02, 2017
- Neha Mumtaz, Nitin Singh, Tabish Izhar, Anshika Yadav, Utilization of Waste Materials in Preparation of Eco Friendly Brick, International Journal for Scientific Research and
  - Development. 2017, Vol. 5, Issue 03, 2017
- Tabish Izhar, Saumya Shukla, Mohd Kashif Khan, Neha Mumtaz, Introduction to Direct

Displacement Based Design Procedure for Seismic Designing of Reinforced Conc International Journal for Scientific Research & Development | Vol. 5, Issue 02, 2017

- Neha Mumtaz, Anshika Yadav, Tabish Izhar, Comparative Assessment of Air Quality of Major Cities
  of Uttar Pradesh, India. International Journal of Scientific Research in Science and Technology Vol.
  2, Issue 4: 220-225 | May-June-2017
- Neha Mumtaz, Anshika Yadav, Characterization of Air Pollutants in Sub-Urban Area of Lucknow. International Journal of Engineering Research & Technology, Vol.6 Issue 05, May
  - 2017
- Neha Mumtaz, Anshika Yadav, Tabish Izhar, Assessment of Ambient Air Quality of Lucknow City, Uttar Pradesh: A Review International Research Journal of Engineering and Technology (IRJET) Volume: 04 Issue: 05 | May -2017
- Neha Mumtaz, Divyansh Krishna Upadhyay, Alok Verma, Arman Jamal Khan, Heena Fatima, Assessment of Water Quality Indexing of selected areas of Lucknow City, Uttar Pradesh. International Journal of Innovative Research in Science, Engineering and Technology Vol. 6, Issue 5, May 2017.
- Neha Mumtaz, Shailendra kr. Sharma, Tabish Izhar, Effect Of Operational Parameters On Removal
  Of Chromium From Tannery Effluent By Using Azadirachta Indica, International Journal Of
  Engineering Research and General Science, Volume 4, Issue 3, pp 274-281, May-June 2016
- Islamuddin, Imran Ahmad, Nusrat Ali, Neha Mumtaz, Domestic Wastewater Treatment by Low-Cost Natural Adsorbents, International Journal for Scientific Research and Development, Vol. 4, Issue 03, 2016
- Ahamad Sufiyan Khan, Tabish Izhar, Neha Mumtaz, Study on the Analysis of Multi Storey Regular and Irregular (Horizontal and Vertical) Structure By ETABS, International Journal for Science and Research in Technology, Volume 2 Issue 5, May 2016.
- Haseeb Khan, Tabish Izhar, Neha Mumtaz, Abdul Ahad, Effect of Saline Water in Mixing and Curing on Strength of Concrete, International Journal for Science and Research in Technology, Volume 2, Issue 5, May 2016
- Tabish Izhar, Haseeb Khan, Neha Mumtaz, Abdul Ahad Effect of Potassium Sulphate in The Presence
  of Water on the Strength of Concrete, International Journal for Science and Research in
  Technology, Volume 2, Issue 5, May 2016
- Shailendra Kr. Sharma, Neha Mumtaz, Tabish Izhar, Adsorption of Chromium from Tannery Effluent by Using Neem (Azadirachta Indica) Leaves as a Low Cost Adsorbent. International Journal of Emerging Technologies in Engineering Research, Volume 4, Issue 5, May 2016
- Uma Prasad Pandey, Rajiv Banerjee, Neha Mumtaz Tabish Izhar, Evaluation of Solid Waste

Collection and Segregation: A Case Study of Integral University Campus, Lucknow, International Journal of Emerging Technologies in Engineering Research, Volume 4, Issue 5, May 2016

- Neha Mumtaz, Govind Pandey, Pawan Kumar Labhasetwar, "Assessment of Electrolytic Process for Water Defluoridation", International Research Journal of Public and Environmental Health, Vol.1 (9), pp. 175-182, November 2014.
- M Tiwari, S.P.Shukla, N.K. Shukla, R.B. Singh, Neha Mumtaz, V.K. Gupta, V Kumar,
  - "Emission profile of pollutants due to traffic in Lucknow City, India", International Research Journal of Public and Environmental Health, Vol.1 (7),pp. 150-157, September, 2014.
- Gangesh Kumar Kasaudhan, **Neha Mumtaz**, Vijay Raj,Optimization of Municipal Wastewater Treatment by UASB Reactor and Polishing Pond, Biolife, Vol 1 (4), pp.200-207, 2013.
- Neha Mumtaz, Govind Pandey, Pawan Labhasetwar, Subhash Andey; "Evaluation of Operational Parameters involved in Electrolytic Defluoridation Process", International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development, Vol. 2, No. 4, pp. 23 32, ISSN (Print):2249-6866; ISSN (Online): 2249-7978; December, 2012.
- Neha Mumtaz, Govind Pandey, Pawan Labhasetwar, Subhash Andey; "Operating Cost Analysis of Continuous Mode Electrolytic Defluoridation Process", International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development, Vol. 2, No. 3, pp. 12 – 29, ISSN (Print):2249-6866; ISSN (Online): 2249-7978; September,

2012.

## BOOK EDITED/ AUTHORED

- Environmental Pollution Assessment & Analysis, Aargon Press, New Delhi, ISSN/ ISBN No -978-93-94070-85-1, 2022
- Authored a book entitled, Fluoride Removal Strategies for Developing Nations: A holistic vision published by Lambert Academic Publishing House, Germany, ISBN 10: 6204207857, ISBN-13: 978-6204207858, October 27, 2021.
- Authored a book entitled, 'Design of School-Based Electrolytic Defluoridation Unit- A Technical Approach' published by Lambert Academic Publishing House, Germany, ISBN- 10: 3659261424, ISBN-13: 978-3659261428, October 23, 2012.

#### **BOOK CHAPTERS**

• Artificial Intelligence Transforming Disaster Management Post-COVID-19 in Asian Continent, Tabish Izhar, ISSN: 978-93-5470-897-8, Swaranjali Printers, 2023.

COVID-19 impact on Indian Smart Cities: a step toward Build Back Better, Neha Mumtaz & Tabish
Izhar in Advances in Construction Safety - Proceedings of HSFEA 2020, Springer Nature
Singapore. ISSN/ ISBN No 9789811940002.

https://www.springerprofessional.de/en/covid-19-impact-on-indian-smart-cities-a-step-toward-build-back-/23661394 **2023** 

• Utilizing artificial intelligence for environmental sustainability; Neha Mumtaz, Tabish Izhar, Govind Pandey & Pawan Kumar Labhasetwar in Artificial Intelligence for Renewable Energy systems, 1st Edition, Pages 259-279, Elsevier, ISBN No 9780323903967.

https://doi.org/10.1016/B978-0-323-90396-7.00010-9. August 05, 2022.

Perceptions of School Students regarding Air Pollution: A study of Aurangabad city in Maharashtra, India; Geetanjali Kaushik, Monowar Alam Khalid, Neha Mumtaz & Tabish Izhar in Handbook of Environmental Materials Management, Springer Nature Switzerland. ISSN/ ISBN No 978-3-319-73645-7. https://doi.org/10.1007/978-3-319-58538-3\_237-1. August 18, 2022.