



GEOENVIRONMENT-2026
INTERNATIONAL WORKSHOP ON
LANDFILL MINING OF LEGACY WASTE

22 - 23 May 2026
 (Hybrid Mode)



Organized by
 School of Infrastructure
 Indian Institute of Technology
 Bhubaneswar, Odisha, India

Contact Details:
 Dr. Mohit Somani
 School of Infrastructure, IIT Bhubaneswar
mohitsomani@iitbbs.ac.in
 +91-674-713-6661

ABOUT THE WORKSHOP

India is witnessing an unprecedented push towards remediation of legacy waste dumpsites through landfill mining (biomining). While several Urban Local Bodies (ULBs) have initiated large-scale landfill mining projects, significant environmental and regulatory challenges persist particularly in waste characterization, process optimization and safe utilization or disposal of reclaimed materials.



Geoenvironment-2026: International Workshop on Landfill Mining of Legacy Waste is designed to address these challenges by disseminating state-of-the-art knowledge on both theoretical and practical aspects of landfill mining. The workshop will bring together leading academicians, researchers, industry professionals and policymakers to deliberate on recent advancements, field experiences, and future directions in landfill mining and dumpsite rehabilitation.

Who Should Attend?

- ULB Officials and Engineers
- Environmental and Geotechnical Consultants
- Faculty Members, Researchers working in environmental, civil and geoenvironmental engineering
- Policymakers and regulatory authorities

CHIEF PATRON

Director, IIT Bhubaneswar

PATRON

Dean (Continuing Education), IIT Bhubaneswar
 Head of School, School of Infrastructure, IIT Bhubaneswar

CONVENOR

Dr. Mohit Somani, School of Infrastructure, IIT Bhubaneswar

CO-CONVENOR

Prof. R. R. Dash, School of Infrastructure, IIT Bhubaneswar

IMPORTANT DATES

Last Date for Registration (Early Bird): 30th April 2026
 Last Date for Late Registration: 15th May 2026
 Workshop Dates: 22-23rd May 2026

REGISTRATION FEES

Category	Early Bird Registration (On or before 30 th April)				Late Registration (After 30 th April)	
	Registration Fee (Rs.) for Indian Delegate		Registration Fee (\$) for Foreign Delegate		Registration Fee (Rs.) for Indian Delegate	
	On-line	Offline	On-line	Offline	On-line	Offline
Student (UG & PG)	1000	2000	100	150	2000	3000
PhD Student	2000	3000	150	200	3000	4000
Faculty/ Postdoc	2000	4000	200	250	3000	5000
Industry	3000	5000	200	250	4000	6000

Participants can register and pay the fees through the following link: <https://surl.li/zxkhya>

THEMES

Track 1: Global and Indian Scenario of Landfill Mining

Policies, guidelines, and regulatory challenges
International practices and Indian experience

Track 2: Characterization of Legacy Waste and Mined Fractions

- Physical, chemical, and geotechnical characterization
- Contaminants of concern and risk assessment

Track 3: Processing, Performance Optimization & Emission Control

- Screening, segregation, and process optimization
- Leachate and gas management during mining
- Odour, dust, and emission control strategies

Track 4: Valorization and Safe Utilization of Recovered Materials

- Soil-like material: reuse potential & limitations
- Recyclables, RDF, and energy recovery
- Treatment and stabilization techniques

Track 5: Dumpsite Remediation, LCA & Future Directions

- Site restoration and post-mining land use
- LCA and sustainability evaluation
- Emerging research areas and future roadmap

INVITED EXPERTS



Prof. Roberto Raga
University of
Padova, Italy



Prof. Manoj Datta
IIT Delhi, India



Prof. Ajay Kalamdhad
IIT Guwahati, India



Prof. B K Dubey
IIT Kharagpur



Prof. S. Mohanty
IITBHU Varanasi



Dr. Muthukkumara
K., NIT Trichy



Prof. G V Ramana
IIT Delhi



Prof. Mait Kriipsalu
EMU, Estonia



Mr. James Law
ISWA, USA

ABOUT IIT BHUBANESWAR

The IIT Bhubaneswar campus is situated at the foot of Barunei Hill. Famous for its rich history of sustained resistance against the British occupation of Khurda Garh, the last independent fort of India, and for the first freedom struggle in India, Barunei Hill is also a beautiful tourist spot.

The Ministry of Education of the Government of India founded the Indian Institute of Technology Bhubaneswar in 2008 as one of the eight IITs of the second generation. IIT Bhubaneswar is a lush campus with a 936-acre footprint. The site offers a singularly peaceful and unpolluted intellectual atmosphere.

Seven schools of study make up IIT Bhubaneswar, which provides UG, PG, and PhD programs.

PLACES TO VISIT

Post conference site seeing tours for the delegates and accompanying person shall be arranged on 24th May 2026. This shall include the visit to the Golden Triangle of Odisha, i.e., Bhubaneswar-Konark-Puri. An additional nominal fee of Rs. 1000 per delegate and accompanying person will be charged towards transport arrangements.

