OCTOBER HIGH INSTITUTE
For Engineering & Technology

مصر المستقبل للتراث والتنمية والإبتكار

FACULTATEA DE ARHITECTURĂ

The 3rd International Conference of

October High Institute for Engineering & Technology

Sustainable Development and Challenges
(Conflict and Integration)

(A Multidisciplinary Conference on Architecture, Art, Engineering, Communication, and Electronics, Business, Economy and AI

Organized by: October High Institute for Engineering & Technology in cooperation with Egypt Future Foundation, and The University of Architecture and Urbanism, Bucharest, Romania.
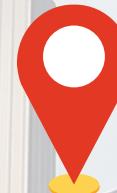
🕐 **26 – 28 March 2026.**   📍 **Dahab, Egypt**

Under the Patronage of :

Arch. Basma Sherin– Chairman of the Board of Director, OHI

Eng. Nada Sherin– Vice Chairman of the Board of Director, OHI

Prof. Dr. Soheir Hamed Kandil – Chairman of the Board of Trustees, Egypt Future Foundation

Conference Chairman:

Prof. Dr. Sameh El-Bitar – Dean of the October High Institute for Engineering and Technology, OHI

Conference Rapporteurs:

Prof. Dr. Badawi Ismail - Dr. Olfat Kesheik

Important Dates:

- Abstract Submission: Deadline 15th of January 2026
- Full Paper Submission: Deadline 1st of March 2026

- **The Conference kickoff on:** Thursday, March 26,2026 at 5:00 pm(opening session)
- **Venue:** ECOTEL Dahab Bay View Resort. Dahab City – Egypt

(Kindly, follow up periodically for any Conference detailed program)

Particpation Fees:

- Egyptian Participants EGP 7500 (including accommodation 3 nights & transportation and Publication):
- International Participants (including accommodation): $650
- Paper Publication without accommodation – Egyptians: EGP 2400
- Paper Publication without accommodation – Arab and international participants: $250
- Attendance Fee without accommodation (conference certificate only): EGP 600
- Accommodation
  3 nights Three-night stay for family companions EGP 6800
- A special fee for student publication and attendance. Please contact Public Relations via WhatsApp: +201286110110

المجلات العلمية للنشر:

- International Journal of Advanced Research on Planning and Sustainable Development
  🔗 https://ijarpsd.journals.ekb.eg/
- International Journal of Multidisciplinary Studies in Architecture and Cultural Heritage
  🔗 https://ijmsac.journals.ekb.eg/
- International Journal of Advanced Scientific Research and Innovation
  🔗 https://ijasri.journals.ekb.eg/
- International Journal of Artificial Intelligence and Emerging Technology
  🔗 https://ijaiet.journals.ekb.eg/
- International Journal of Multidisciplinary Studies in Art and Technology
  🔗 https://ijmsat.journals.ekb.eg/
- International Journal of Advances Engineering and Civil Research
  🔗 https://ijaecr.journals.ekb.eg/
- International Journal of Multidisciplinary Studies on Management, Business, and Economy
  🔗 https://ijaiet.journals.ekb.eg/

Conference Objectives:

- Highlight the role of modern technologies in advancing sustainability in both physical and digital infrastructure
- Address the challenges facing modern cities and industries in the context of environmental and technological change.
- Promote interdisciplinary dialogue among architects, engineers, business leaders, communicators, technologists, and policymakers.
- Explore innovative approaches to sustainable development across architecture, engineering, business, communication, and electronics.
- Encourage integration of cultural heritage preservation within development strategies.
- Support academic research and knowledge exchange on sustainability in various disciplines.
- Provide a platform for professionals and researchers to share practical solutions for sustainable and livable communities.
- Foster collaboration between academic institutions, industry, and government bodies in shaping sustainable futures.

Payment Methods:

National Bank of Egypt, Al-Hosary Branch, 6th of October City

• For Egyptians payment (EGP):
Account Number (EGP):
1823070433059600023
OR at the premises of October High Institute For Engineering &Technology:
6th of October City - 3rd District

For Foreigners payment (US Dollars):
· Account Number (USD):
1823060433059600023
· International Bank Account Number (IBAN):
EG260003018230604330596000230
SWIFT Code: NBEGEGCX182

Conference Themes:

1.Architecture and Urban Design

- Sustainable urbanism: principles, practices, and future directions
- Climate-responsive architectural design
- Heritage preservation and integration with modern architecture
- Sustainable Management for Threatened Heritage
- Green building design and energy-efficient structures
- Smart urban planning and livable cities
- Landscape architecture and ecological design
- Urban resilience and adaptation to environmental change
- Vernacular architecture and cultural identity
- The role of creativity in framing the persistent and multidimensional problems of sustainable design.
- Investment / Innovation and Entrepreneurship
- Architecture/ Urban Design and Investment in Real Estate
- AI Advantages and disadvantages on Architecture and Urban Planning

2.Digital art and sustainability and AI.

- Art and creativity.
- Digital communication and media.
- Sustainability and arts.
- Artificial intelligence and arts.
- Future trends in arts.
- Art therapy.
- Visual integration between art and architecture.

3.Engineering and Construction Technologies/ Civil Engineering and Infrastructure

- Sustainable construction materials and methods
- Innovations in structural engineering for sustainable buildings
- Waste management and recycling in construction
- Building Information Modeling (BIM) in project workflows
- Energy performance and thermal efficiency in construction
- Risk management in engineering and construction
- Seismic and disaster-resilient engineering solutions
- Prefabrication and modular construction systems
- Application of Life cycle assessment in construction
- Sustainable transportation systems and infrastructure
- Water resource management and green drainage solutions
- Smart infrastructure and digital twin technologies
- Urban mobility and pedestrian-friendly design
- Integration of renewable energy in infrastructure
- Environmental impact assessments in civil projects
- Smart grids and next-generation public utilities
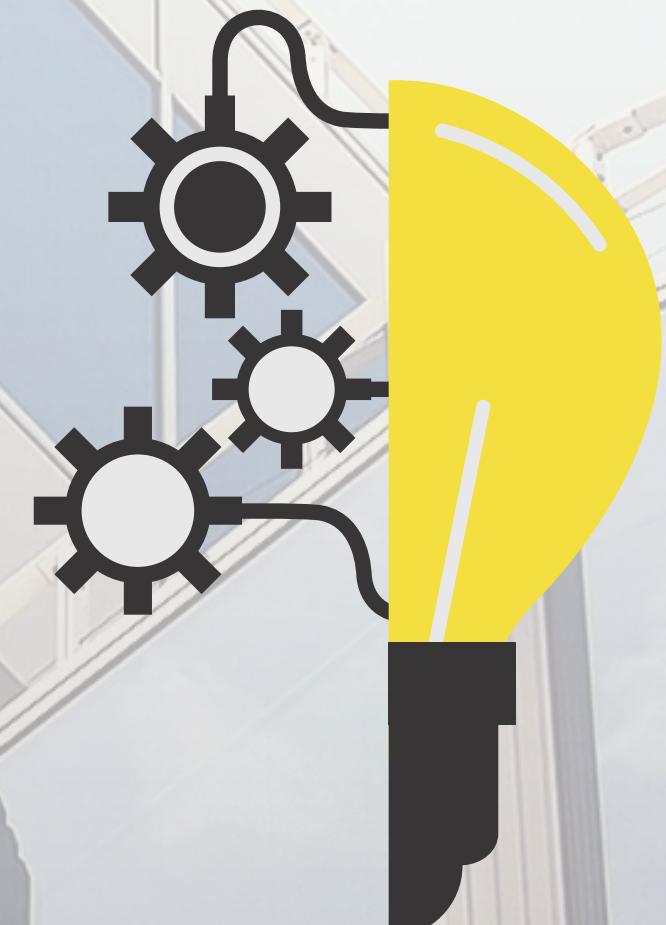
# 4. Artificial Intelligence and Smart Technologies

- Artificial Intelligence and its applications
- Machine learning for energy optimization
- IoT applications in smart cities and infrastructure
- Digital transformation in design and engineering
- Robotics and automation in different projects
- AR/VR in architectural visualization and planning
- Smart sensors and performance analytics
- Cybersecurity in smart buildings and systems

5. Business, Finance, and Entrepreneurship

- Economic models for sustainable development
- Financial planning and investment in construction and /or real estate
- Green financing and sustainability-linked bonds
- Applications of Artificial Intelligence and Digitalization in Business Administration
- Carbon markets and environmental accounting
- Business intelligence in project and portfolio management
- Innovation and entrepreneurship
- Corporate governance and ESG reporting

6. Electrical and Electronics Engineering

- Embedded systems and smart sensors in different systems
- Electronics and Digital Infrastructure
- Power electronics for renewable energy and smart networks
- Electronic control systems for HVAC and energy management
- Low-power electronics for sustainable urban devices
- Communication networks supporting smart city infrastructure
- Integration of electronics in sustainable mobility solutions
- Electronics in disaster detection and early-warning systems
- E-waste management in projects and infrastructure projects
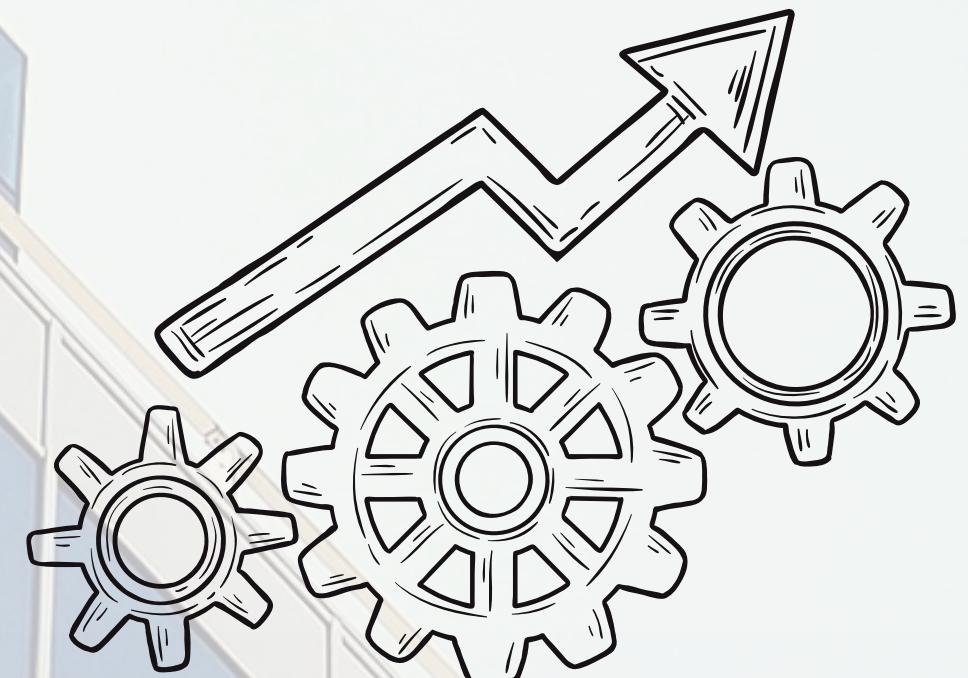
7. Communication, Media, and Stakeholder Engagement

- Communication strategies for sustainable development projects
- Public participation and community engagement in urban planning
- Crisis communication in infrastructure and civil emergencies
- Digital communication tools for architecture and engineering teams
- Media representations of urban development and sustainability
- Multilingual and multicultural communication in global projects
- Policy communication between professionals, governments, and the public

For paper formatting, please refer to the conference website:

Sustainable-conf03.ohi.edu.eg

Registration Form
https://forms.gle/L5mXuE2abW6DbjiM8

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Email- for paper submission
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