Buildings

an Open Access Journal by MDPI

CiteScore: 5.6
Impact Factor: 3.4

Special Issue Reprint

Safety Management and Occupational Health in Construction

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This Reprint presents a collection of peer-reviewed research addressing current advances in construction safety, occupational health, and risk management. The published articles examine emerging challenges and innovative solutions for improving worker safety and project performance across the construction industry. Topics include safety management systems, occupational health risks, human factors, ergonomics, safety culture, regulatory compliance, and life cycle safety management, together with the growing role of artificial intelligence, computer vision, wearable technologies, virtual and augmented reality, and predictive analytics in hazard detection, safety training, and decision making. By integrating theoretical developments with practical applications and case-based evidence, this Reprint provides valuable insights for researchers, practitioners, and policymakers seeking to advance safer, healthier, and more resilient construction environments while supporting the industry's continued digital transformation.

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