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# Advanced Technologies for Successful and Sustainable Construction and Maintenance Projects

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Sustainable construction projects encompass new eco-materials and techniques for the construction and retrofitting of materials during operation. Simultaneously, environmental protection issues augment the complexity of construction and maintenance projects, thus resulting in a greater need for advanced management and decision-making tools and techniques. This Special Issue showcases recent academic and industrial developments in successful and sustainable project management throughout the whole life cycle of construction projects, including green construction retrofitting methods and materials; lean construction techniques; the application of robotics and automation in construction; new approaches to budget estimation using machine learning; multicriteria decision-making in design and construction; sustainable procurement and contract management; successful claim management; and the digital transformation of construction processes and organizations.

