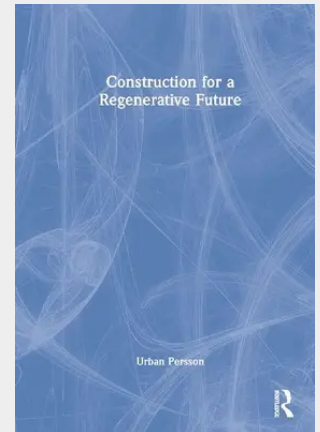


Construction for a Regenerative Future

This is a book about how to manage the processes involved in a construction project towards a sustainable and regenerative endproduct. It covers key project management concepts and links the construction process to the objectives of UN SDGs and beyond zero carbon emissions throughout the whole project life cycle. This introductory textbook is written from a project manager's perspective including considerations of circular economy throughout the construction process focusing on a regenerative or restorative outcome. The book examines the importance of the type and purpose of a building, circularity and de-construction, the site, the client and its organisation, stakeholder considerations, the project organisation, the procurement of consultants and contractors, project performance during design and construction, project hand-over to the client, and the building's operation and maintenance. It also illustrates how to verify the building using existing environmental certifications, how to calculate carbon emissions, and how to deal with used construction materials from a circular economy perspective. International examples of best practice are included throughout, and the book is structured in a way which students will find engaging and easy to follow. This is an ideal textbook for use on construction, architecture, and engineering programmes where the emphasis must urgently be placed on students fostering regenerative construction solutions in their coming professional life.

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**225,60 €**

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