

Energy-efficient building design in Southeast Europe

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Abstrak

The aim of the book is to improve conventional building design in Southeast Europe. This is done with proposing conceptual guidelines for designing energy-efficient buildings for different geographic regions of Serbia. The focus is on climate-appropriate design of building envelopes. To address sustainability, economical, environmental and social aspects are evaluated. The body is divided into three main chapters: traditional houses, the existing housing stock, and design patterns for future buildings. The conclusions and the methodology can be applied in the rest of Southeast Europe, since Serbia has a unique position in the middle of the region, covering different geographical areas that spread far out of Serbias borders.