

Preface

This special issue includes articles devoted to the results of research and engineering developments in the area of silicon carbide semiconductor materials for power electronics and the latest materials for the construction sector.

The modern issues in the area of the use of silicon carbide metal oxide semiconductor materials and the development of power electronic devices based on them are analysed and investigated in the first chapter.

The second section contains the research results on properties of building materials such as concrete, mortar, sound absorption materials and technological solutions in their production. Presented here engineering results are within the framework of the concept of sustainable development.

The special edition will be useful to engineers whose activity is related to research and development of power electronic devices and modern construction materials.