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Sustainable Materials Science and Resource-efficient Processing Technologies

Guest Editor:

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Deadline for manuscript submissions:
closed (15 September 2019)

Message from the Guest Editor

Dear Colleagues,

Material and product life cycles are based on complex value chains of technology-specific elements. Essential and strategic raw materials have a direct impact on the sustainable success of applications based on new functionalized materials. Resource-efficient processing technologies and the development of (multi-)functional materials utilized as building blocks in future products are an urgent challenge of modern materials science.

In order to create awareness and discuss these challenges, this Special Issue will contain solutions provided by materials research, enhanced processing technologies as well as best-practice examples and guidelines on how to obtain information about the supply risk and environmental aspects of resource utilization, especially at an early stage of basic research.

Dr. Stephan Krohns
Guest Editor

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Editor-in-Chief

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Message from the Editor-in-Chief

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