

Preface

Reducing anthropogenic environmental impact is an urgent issue to deal with. Technological innovation is needed in all the economic sectors in order to replace current practices with environmentally friendly alternatives. Scientists have to make a research effort to decouple the economic growth from the resource consumption. Reducing the environmental impact of Manufacturing and more in general putting in place the strategies of the Circular Economy (CE) paradigm are some of the most important targets to deal with. Manufacturing scientists are called to innovate the manufacturing processes as well as to find new processes suitable for End-of-Life components reuse. The issue is a platform for stimulating the scientific debate about environmental sustainability of forming processes. The issue welcomed papers dealing with both the environmental impact analysis of forming processes as well as their role as CE enablers.

Energy and resource efficiency of forming processes, LCA analyses of formed component/products, forming processes as Recycling/Remanufacturing/ Reuses strategies, Industrial Symbiosis practices involving forming processes, are some of the topics that are discussed within the issue.

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