Preface

The 9th international symposium on Eco-Materials Processing and Design, which was held in January 07-09, 2008 at the Changwon Convention Centre, Korea, covered on global basis outstanding advancements in researchers, production and use of eco-materials. The symposium offer materials researchers and users a valuable opportunity for new knowledge across the whole spectrum of ecology, eco-materials, nano-materials, hybrid materials, recycle, environmental protection and energy conversion related materials. To exchange scientific ideas each other in terms of environment conscious materials, which are classified into (1) photocatalysts, (2) incorporating an end-of-life strategy into materials design, (3) use of non-hazardous components as substitutes for traditionally hazardous components as well as treatment of waste materials, (4) manufacturing of hybrid materials using a more environmentally friendly process as well as biomaterials, (5) nano materials.

This volume can be divided into five sections on the basis of the classification of manuscripts considered. The first section deals with photocatalysts for air pollution, water pollution, deodorization, self-cleaning, power light sources, and standardization of methodology of photocatalytic reactivity. The second section of this volume consists of nano structured materials. The third section of this volume covers the use of non-hazardous components as substitutes for traditionally hazardous components as well the treatment of waste materials. The fourth section presents manufacturing of hybrid materials using a more environment-friendly processing. The final section of this volume covers the eco-materials design and processing.

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