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(P. Smirniotis)

Preface

This special issue of Catalysis Today features papers from the Environmental Catalysis and Reaction Engineering session of the 2002 American Institute of Chemical Engineers Annual Meeting. The state of our environment is of growing concern to society and the associated challenges in improving it are continually being addressed by scientists worldwide. This special issue serves to illustrate the diversity of research efforts in this area by presenting papers in wastewater treatment, catalytic converters, diesel particulate regeneration, and photocatalytic destruction. These are typical examples of corrective technologies for various environmental problems. Another interesting approach is to utilize "cheap" reactants or byproducts for production of useful products. This is the example of the last paper where acetic acid is produced from two greenhouse gases.

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