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# Metal or Bimetallic Nanocatalysts for Environmental Engineering Applications

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## Message from the Guest Editors

The activity of a nanocatalyst depends critically upon its structure. Accordingly, the combination of metals within the catalyst provides an opportunity for the extensive manipulation of the structure, which is a chance to discover unexpected reactivity and investigate structure–reactivity relationships. This enriches our knowledge in the design protocols of potentially active nanocatalyst systems and supplies novel active catalyst candidates. Therefore, catalysts based on bimetallic particles are of interest both from scientific and technological points of view. Recently, an increasing amount of interest has been devoted to the application of such systems in environmental engineering. A variety of bimetallic combinations and structural forms have been reported in this area. This includes especially carbon (di)oxide methanation or biomass conversion. In this Special Issue, we will focus especially on low-temperature processes engaging the most promising metal conjugations.

Manuscripts concerning new innovative methods for the investigation of catalyst structures for environmental catalysis will be especially welcome. Reports on photocatalytic options are strongly encouraged.