



Catalytic Oxidation of Methane

Guest Editor:

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Message from the Guest Editor

This special issue will focus on the science and engineering of development of low-temperature catalysts (below 350 °C) for catalytic combustion of methane to carbon dioxide and water. Contributions on research and development in the following areas are welcome:

- (a) Development of low-temperature catalysts and processes for methane combustion.
- (b) Kinetics and mechanism of catalytic combustion of methane at low temperatures.
- (c) Processes/methods to stop or minimize catalyst deactivation and sintering.
- (d) Identification of surface species before/during/after catalytic combustion by XPS and other surface techniques.

