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Emissions from Internal Combustion Engines

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Message from the Guest Editors

Dear Colleagues,

Internal combustion engines burning carbonaceous fuels contribute to more than 25% of the world's total power requirement and in doing so, they produce about 10% of the world's greenhouse gas emission of CO₂. Apart from the environmental impact, internal combustion engines cause severe impacts on the health of humans. Further emissions from internal combustion engines are unburnt hydrocarbons (HC), carbon monoxide (CO), nitrogen oxides (NO_x), and particulate matter (PM).

This Special Issue invites contributions to highlight the most recent understanding and developments in, but not restricted to, the areas of advancement and/or new aftertreatment systems to reduce emissions from internal combustion engines, the formation and reduction of emissions from combustion engines, low-emission alternate fuels and processes, and the broader impact of emissions on public health. This Special Issue intends to act as a platform for the rapid dissemination of new knowledge in this field and promote technical and societal solutions to this critical and ever-present challenge.



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Special Issue



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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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