



The Sustainable Control of Environmental Noise and Air Pollution for Transportation Infrastructures

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Message from the Guest Editors

Transportation infrastructure is estimated to be responsible for important environmental noise and air quality problems. Moreover, its impact on the quality of urban life and its effects on health is very significant. To achieve sustainability in cities, it is necessary to accelerate research on more environmentally friendly fuels and motors, introducing planning tools that reduce urban air pollution, improving the urban soundscaping, and, eventually, “greening” the cities. Moreover, restriction measures on urban and semi-urban transport may initiate the reduction of the numbers of private cars, therefore, air pollutant and noise emissions, improving the quality of life.

This Special Issue welcomes papers that deal with operation and planning schemes, as well as alternative technologies, from a holistic point of view, that may achieve an important reduction of both air and noise pollution from both road, train, and aircraft transportation, aiming at sustainable modes of urban area development, including specific “greening” actions. Studies concerning technologies and transportation management tools reducing greenhouse gases are also welcome.





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