

International Seminar

Environmental Sustainability of Road Transport: Air Pollution, Noise and Relationship with Energy Transition and Climate Change



20-22 October 2021

Publishing announcement

PIARC's Technical Committee 3.4: Environmental Sustainability in Road Infrastructure and Transport, the Romanian National Committee of PIARC and the Technical University of Cluj-Napoca are warmly inviting you to attend the **"Environmental Sustainability of Road Transport: Air Pollution, Noise and Relationship with Energy Transition and Climate Change" International Seminar**.

The event will take place between **20 and 22 October 2021**, in Cluj-Napoca, Romania, and on an online platform.

The seminar aims to provide an opportunity to share research findings, practices and experiences between designers, contractors, researchers, administrators and stakeholders. The measurement, assessment and mitigation measures in reducing emissions from traffic operations, along with the technical aspects of road pavements' acoustic performance will be included in the seminar. A special session on road transport impact in wildlife habitats will be organised. Furthermore, issues regarding the challenges of traffic noise management, as well as the implications and consequences of traffic, materials and evolving vehicle fleets on climate change and energy transition will be discussed.

This event will also represent a valuable output for the wider objective of investigating and assessing how road administrations could help improve air quality through specific techniques, real time evaluation of air pollution, use of low-cost air quality sensors and implementing operational mitigation measures.

Technical papers are invited for Seminar presentation. **Selected papers will be published in a special issue of the peer-reviewed Romanian Journal of Transport Infrastructure** (ISSN 2286-2218, <https://sciendo.com/journal/RJTI>) and **will be indexed in Clarivate Web of Science**.

Abstracts should be submitted no later than 13 August 2021 via e-mail to **seminar_piarc@utcluj.ro** in a Microsoft Word or Open Access document file, be written in English or Romanian and include the following: paper title, authors, affiliation, contact e-mail, abstract (max. 300 words).