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Helen Karatza, Ph.D.

Editor in Chief

Simulation Modelling and Practice

Dear Professor Helen Karatza:

I am pleased to submit an original research article entitled "Large Scale Simulation Analysis of the Impact of Emission of Vehicles: Quito Study" by Israel Pineda, Julio Proaño, and Rolando Armas for consideration for publication in Simulation Modelling Practice and Theory.

This work uses simulation and modeling techniques to analyze the current state of the contamination emissions in Quito-Ecuador. We have leverage High-Performance Computing techniques to generate large-scale scenarios. We provide a comprehensive numerical and visual analysis with different experiments and scenarios. We believe that our work tackles important methodological issues of large-scale simulation and, at the same time, provides valuable and actionable information about a specific city and its problems.

This manuscript has not been published and is not under consideration for publication elsewhere. We have no conflicts of interest to disclose.

Thanks in advance for your consideration.

Sincerely,



Israel Pineda, Ph.D.

Research Professor

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