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Climate Change and Urbanization Processes in Oporto Metropolitan Area – The City of Maia Case Study



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There's no subject more discussed in the actual society than the climate's change theme. From activists, scientists, academics, politics, or the public in general, there is a wide range of opinions about it; assuming sceptic views of the human role in the process, till the ones who consider the human and the natural causes, both related to it, the conceptions are very diverse. Although this controversy, in the scientific world the most frequent opinion points out the anthropogenic factor as the most important to the changes operating nowadays, and the urban areas are one of the most severely affected and at the same time more responsible for that.

This presentation is related to one study case – Maia - in the Oporto's metropolitan area in the north of Portugal. A methodology for data collection is provided and discussed both main causes and intervention measures to minimise the urban heat island processes. The geographical perspectives for urban intervention and planning are the other main aspects to suggest and demonstrate. This will be a development of the previous communication presented on the 3rd WCCES Congress in London.

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