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### [Abstract Title]

AgEnDA: a digital platform for city event management

### [Abstract]

An essential aspect of modern urban life regards the social activities, which enhance city's attractiveness and lead to economic growth and improved life quality. Nevertheless, many implications have been observed during the event planning and management, while the high interconnectedness, the population concentration and the limitations of existing urban infrastructure increase the vulnerability of the city to any disturbance. Consequently, city events act as stressors to the complex urban systems and require dynamic management in order to maximize profit and simultaneously minimize all types of risk, particularly the ones emerged through the COVID-19 pandemic. In response to these challenges, AgEnDA is introduced as a digital platform for participatory event planning and risk governance, based on interoperable dashboard analytics. The data, collected interactively by the users, inform the processes of planning and modelling, while owing to the city event database, AgEnDA is able to learn from previous experience, warn and make suggestions to planners, even during the development of an event. AgEnDA's purpose is to integrate social activities, infrastructure capacities, and operational protocols into the city event management through the end users' participation, ensuring a timely and effective response to the impact of any kind of risk.



**[Keywords]**

city event, risk governance, participatory event planning, dashboard analytics